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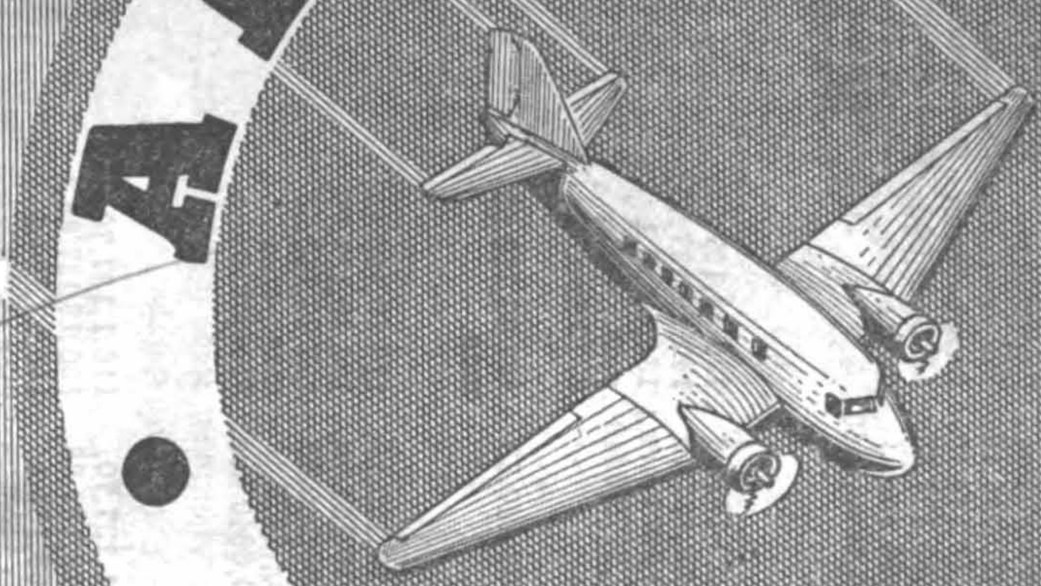
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AIRMAN'S GUIDE



NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 2, NO. 1 . . . . APRIL 1, 1947

This issue includes all data on record as of 0001 E.S.T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

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GCA AVAILABLE: How and Where

GROUND CONTROLLED APPROACH (GCA) AVAILABLE TO CIVIL PILOTS AS WELL AS ARMY AND NAVY: All GCA facilities (Army, Navy, or C.A.A.) are available to any plane in emergency. The Army and Navy installations are listed in the next two items. The C.A.A. GCA units at Washington National Airport, La Guardia Field, and Chicago Airport will be available in the immediate future.

To secure GCA assistance pilots should call the associated control tower for instructions. In addition to the working frequencies listed below, Army and Navy GCA emergency VHF transmissions are made on 140.58 mcs. Simplex service on 3117.5 kcs. will be provided at all Army and Navy installations to provide an alternate means of communications for scheduled air carrier aircraft. Army and Navy towers will relay [although such indirect transmission is admittedly not desirable] GCA instructions on the 200-400 kcs. band to civil aircraft not equipped to receive VHF or HF.

A minimum of 30 minutes will generally be required to assemble a GCA crew and prepare the equipment for operation AFTER an alert has been received at those locations not providing continuous service.

Civil pilots desirous of making practice GCA approaches should make their own arrangements with the Commanding Officer of the base whose facilities they intend to use.

NAVY GROUND CONTROLLED APPROACH (GCA): Universal frequencies allocated primarily for Navy GCA operational use are as follows:

HF COMMUNICATIONS	VHF COMMUNICATIONS
3475, 4890, 6640 kcs.	134.64, 142.02, 143.64 mcs.

As a safety precaution Navy GCA units will also be prepared at all times to control both AAF and Navy aircraft on 140.58 mcs., emergency frequency.

In addition to the standard frequencies listed in above paragraph the Navy GCA is prepared to transmit on HF from 2000 to 18100 kcs. and receive on 1500 to 9050 kcs. to aid any plane in emergency.

Navy GCA is available to aid any plane in emergency. It is the responsibility of the pilot desiring GCA assistance to establish communication with the appropriate control tower for preliminary approach instruction. The pilot will then be instructed as to the proper frequency for contacting the GCA unit. If the pilot is unable to transmit or receive on the standard GCA frequencies, arrangements can be made through the control tower for the GCA unit to shift to frequencies the plane can use, in the HF or VHF bands listed above.

Navy GCA Operational Units are listed as follows:

PLACE	WEATHER MINIMUMS CEILING	WEATHER MINIMUMS VISIBILITY	OPERATING HOURS
Charlestown NAAS, R.I.	200'	1/4 mile	30-minute notice
Corpus Christi NAS, Tex.	100'	1/2 mile	30-minute notice
Jacksonville NAS (Lee Fld), Fla.	200'	1/2 mile	45-minute notice
Miramar MCAS, Calif.	200'	3/4 mile	30-minute notice
Moffett Field NAS, Calif.	- -	- -	Continuous
New York NAS (Floyd Bennett), N.Y.	100'	1/4 mile	30-minute notice
Norfolk NAS, Va.	200'	1/2 mile	30-minute notice
Oakland NAS, Calif.	100'	1/4 mile	30-minute notice
Olathe NAS, Kans.	100'	1/4 mile	30-minute notice
Patuxent River NAS, Md.	100'	1/4 mile	Continuous
Saufley Field NAAS, Fla.	- -	- -	30-minute notice
Seattle NAS, Wash.	100'	1/2 mile	30-minute notice
Whidbey Island NAS, Wash.	100'	1/4 mile	30-minute notice

ARMY GROUND CONTROLLED APPROACH (GCA): (a) CONTACT: Pilots requiring GCA assistance should call the associated control tower requesting instructions for working GCA. Example: "Andrews Tower, this is Army 5555, request GCA". (b) TOWER INSTRUCTIONS: Control towers will ascertain frequencies available to both pilot and GCA, advise the pilot and establish contact with the GCA unit. Example: "Army 5555, this is Andrews Tower, do you have channel G, over". "Andrews Tower, this is Army 5555, channel G available, over". "Army 5555 this is Andrews Tower, establish contact with GCA on channel G, out". "Andrews GCA, this is Army 5555, over". "Army 5555 this is Andrews GCA, your position is now etc . . .". (c) EMERGENCY: When receiver and transmitter difficulties exist, the tower may relay Ground Controlled Approach instructions to the pilot. However, from a safety standpoint the procedure should be used as an emergency contingent only. (d) ALERTING GCA: After being inoperative, GCA units require approximately 20 to 30 minutes for warming up. Pilots should anticipate requirement for GCA in flight planning and request alerting of GCA units as far in advance as possible.

ARMY GCA FACILITIES

STATION	FREQUENCIES Transmitting	FREQUENCIES Receiving	WEATHER MINIMUMS	REMARKS HRS OF OPERATION
Fairfield Suisun AAF, Calif.	126.18,128.18, 131.40,134.10, 137.70,137.88, 140.58 mcs.; 3475,4890,6640 kcs.	272 kc.or any freq.between 1500-18,000 kcs on req.	For clearance purposes minimums estab.in TO-08-15-3 or AAF Regs 60-16 apply	Cont.during IFR; 0900-2100 Mon.-Fri.;30 min. call at all other times
Barksdale Fld, La.	126.18,137.88 140.58,137.70 134.1,116.1 mcs.; 4890,3475,6640 kcs.	126.18,137.88, 140.58,137.70, 134,1,116.1 mcs.; 4495, 6210 kcs.		0800-1700 Mon.-Fri.; immed.on call during IFR;40 min.call at all other times.
Westover Fld, Mass.	137.88,140.58 mcs.	137.88,140.58 mcs.		Cont.when ceiling is 3000' or less and/or visib.is 3 mi.or less & 1 hr.req.all other times
Andrews Fld, Md.	116.10,126.18, 134.10,137.70, 137.88,140.58 mcs.; 3475, 4890,6640 kcs.	116.10,126.18, 134.10,137.70, 137.88,140.58 mcs.; 4495 3105,6210 kcs.		Cont.during IFR 0800-1700 daily and on 30 min. req. 1700-0800 CFR.
Clinton Co. AAF, Ohio	116.1,137.70, 126.18,137.88, 140.58,134.1 mcs.; 3105, 6440,3475, 4890,4495 kcs.	116.1,137.70, 126.18,137.88, 140.58,134.1 mcs.;3105, 6440,3475, 4890,4495 kcs.		0800-2200 daily or 2200-0800 IFR or on 30 minutes notice through tower.
Langley Fld, Va.	3475,4890,6640 kcs.;116.1, 126.18,137.88, 140.58,134.1, 137.7 mcs.	3105,4495, 6210 kcs.; 116.1,126.18, 137.88,140.58, 134.1,137.7 mcs.		Traning and emerg. only.
Mitchel Fld, N. Y.	116.1,126.18, 137.88,140.58, 134.1,137.7 mcs.;3475, 4890,6640 kcs.	116.1,126.18, 137.88,140.58, 137.70,134.1, mcs.;3105, 4495,4765 kcs.		Cont. during IFR GCA, 500' practices 0800-1130 and 1300-1630 during CFR, or on req. during CFR within 40 mins.

AIR NAVIGATION RADIO AIDS

LEGEND

(3) - Station guards 3105, 4495, 6210 kcs
(4) - Station guards 3105, 4495, 6210, 3117.5 kcs.
(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis
→ - New or revised data*

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C.....Control Tower, CAA
CA.....Control Tower, Army
CL.....Control Tower (City,County,Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMK.....Compass locator station when combined with fan marker
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System
IM.....VHF boundary marker
K.....Independent compass locator station
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts
MM.....VHF middle marker
MMK.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators), power more than 50 less than 150 watts
MRL.....Range (loop radiators), power more than 50 less than 150 watts
OM.....VHF outer marker
OMK.....Compass locator when installed at outer marker site or within 5.5 miles of middle marker
P.....Point to point radio
RA.....Range (adcock, vertical radiators), power 150 watts or more
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TX.....Principal teletype
V.....Additional voice feature on VHF
VAR.....Visual-aural VHF range
W.....Without voice facilities
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •—	E-EASY •	I-ITEM ••	M-MIKE ——	Q-QUEEN ——•—	U-UNCLE ••—	Y-YOKE —•——
B-BAKER —•••	F-FOX ••—•	J-JIG •———	N-NAN —•	R-ROGER •—•	V-VICTOR •••—	Z-ZEBRA ——•••
C-CHARLIE —•—•	G-GEORGE ——•	K-KING —•—	O-OBOE ———	S-SUGAR •••	W-WILLIAM •——	
D-DOG —••	H-HOW ••••	L-LOVE •—••	P-PETER •——•	T-TARE —	X-XRAY —••—	

1 •————	3 •••——	5 •••••	7 ——•••	9 ————•
2 ••———	4 ••••—	6 —••••	8 ———••	0 —————

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered non-directional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency, and generally, VHF of 116.1 and/or 111.1 mcs. 116.1 mcs. is used for transmission to Army aircraft, 111.1 mcs. to civil aircraft.

The classification designation "B" denotes that the station broadcasts airway and meteorological information on a scheduled basis at 15 and 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, *see FLIGHT INFORMATION MANUAL*

AIRPORT DATA

NAME

(When city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A)	Airport name	(A)	- Owned or leased totally by Army
(N)	"	(N)	- " Navy
(CG)	"	(CG)	- " Coast Guard
(NG)	"	(NG)	- " National Guard
(A)	"		- Open to civilians but owned or leased wholly or in part by Army. Air Reserve, Army svcg. detachment, or contract gas usually available.
(N)	"		- Open to civilians but owned or leased wholly or in part by Navy
(CG)	"		- " Coast Guard
(NG)	"		- " National Guard
(P)	"		- Civil airport opened to military aircraft
*	"		- CAA Intermediate Field (See Note 3).

CLASS

SIZE

40: Length of longest landing strip (unpaved) in hundreds of feet

40h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl").

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1: Voice availability via tower, range (or homing device), or voice station

R2: Range (or homing device) and tower

R3: Range (or homing device), tower, and instrument landing system

LIGHTS

L: Incomplete lighting, either flood or portable runway lights

L1: Beacon only

L2: Beacon and boundary

L3: Beacon, boundary, and obstruction

L4: Beacon, boundary, obstruction, and flood

L5: Beacon, boundary, obstruction, flood, and runway contact

(L5): Identical to L5 except that runway contact lights are high intensity

L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach

(L6): Identical to L6 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

S1: Fuel

S2: Fuel, storage

S3: Fuel, storage, minor aircraft repairs

S4: Fuel, storage, minor aircraft, and minor engine repairs

S5: Fuel, storage, major aircraft, and minor engine repairs

S6: Fuel, storage, major aircraft, and major engine repairs

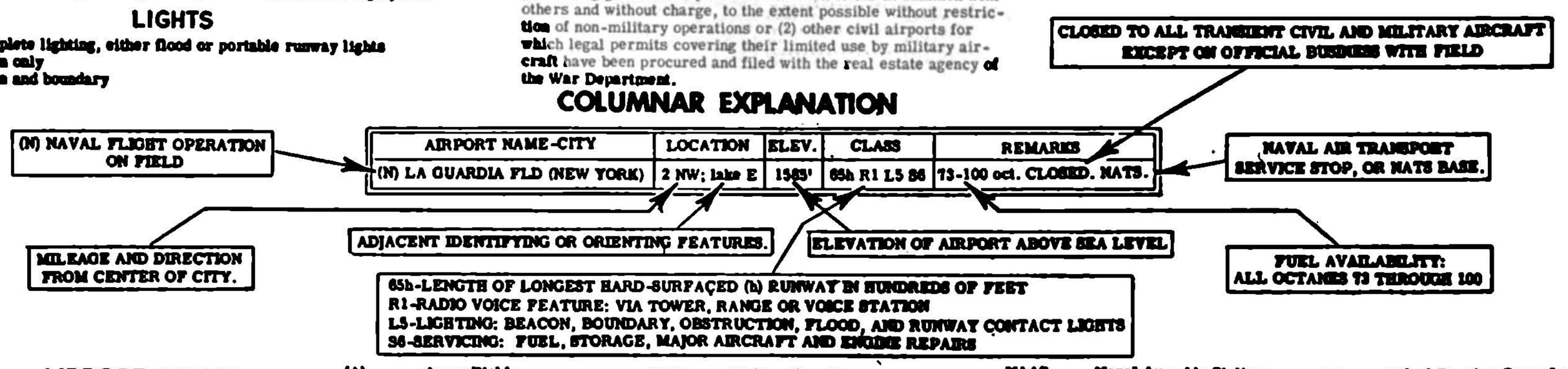
N.B. Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently, servicing at such fields in isolated communities is available only by circling the town to attract the operator's attention.

These fields are often recognizable by airport class, comparable to, for example, "18 S1". "18 S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there. Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. *
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, LS-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int.".
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct.", indicates fuel octanes available. "Army", or "Navy" following octane indicates Army or Navy contract fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency.
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines are cited.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly, the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft
7. Airline stop airport names are capitalized.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A)	- Army Field	LTA	- Lighter than Air	NAAS	- Naval Aux. Air Station	NPG	- Naval Proving Grounds
AAB	- Army Air Base	MCAS	- Marine Corps Air Station	NAF	- Naval Air Facility	OLF	- Outlying Field (Navy)
AAF	- Army Air Field	MCAAF	- Marine Corps Aux. Air Facility	NAS	- Naval Air Station		
CGAS	- Coast Guard Air Station	N	- Navy Field	(NG)	- National Guard		

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

FLIGHT PLANNING CHARTS

LEGEND

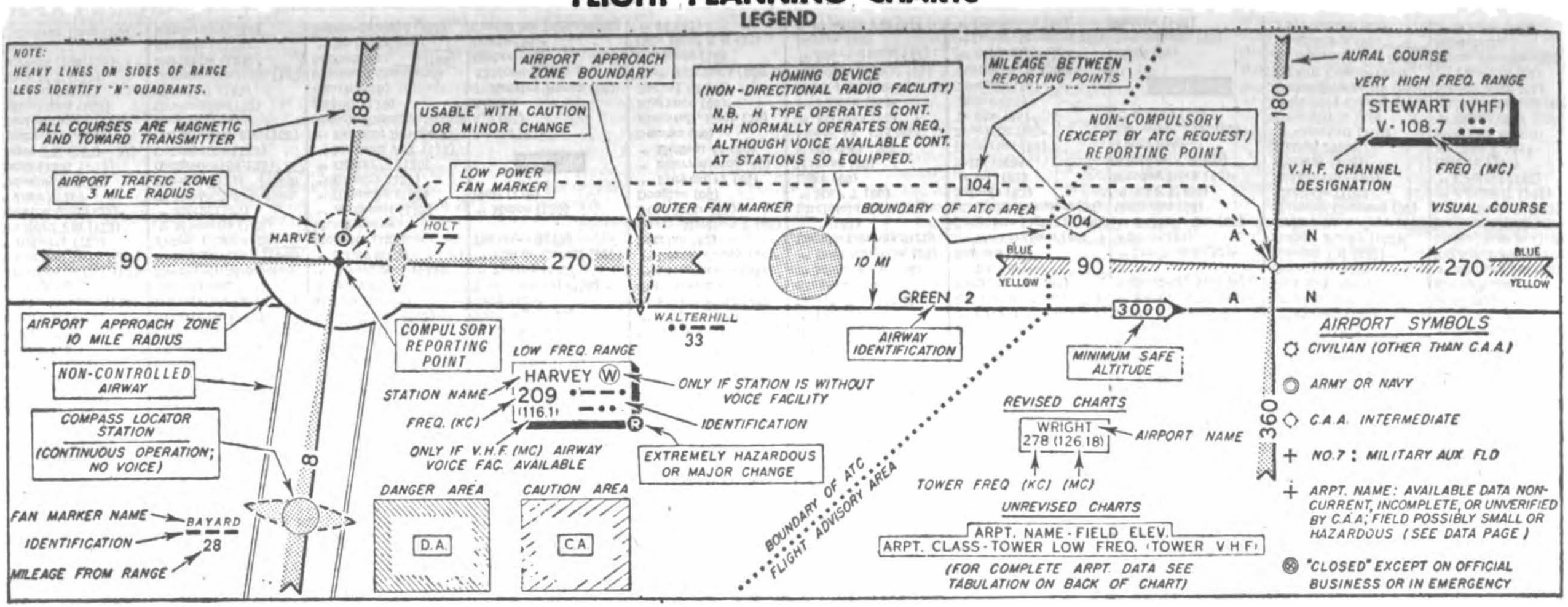


CHART CONTENTS

The Flight Planning Charts, in addition to the warning (R) and caution (O) symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages: (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

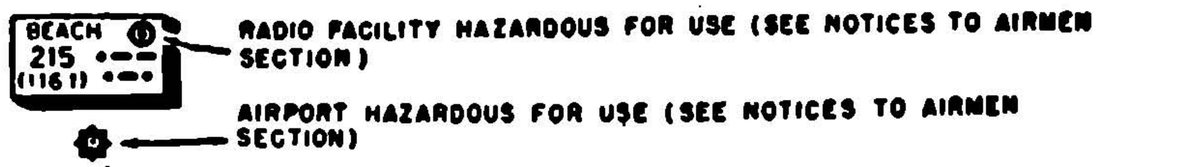
The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled (R) or (O) items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new field, abandoned fields, range frequency changes, etc., are currently reflected on the charts For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol (R) for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol (O) for orange, or caution.



RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

Warning

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

TABLE OF CONTENTS

AIR NAVIGATION RADIO AIDS, LEGEND, GENERAL INFORMATION III
AIRPORT DATA, LEGEND IV
FLIGHT PLANNING CHARTS AND DATA PAGES 1-143
DIRECTORY OF SEAPLANE BASES 144-145
NOTICES TO AIRMEN 146-

HOW TO USE THE AIRMAN'S GUIDE

GUIDE CONTENTS

THE AIRMAN'S GUIDE IS A COMPOSITE DIRECTORY OF AIRPORTS, AIR NAVIGATION RADIO AIDS, AND NOTICES TO AIRMEN. ON THE DATA PAGES ARE TABULATED ALL THE DATA COVERING THE FACILITIES CHARTED ON THE BACKING PAGES. THIS PRESENTATION IS GRADUALLY BEING REVISED, HOWEVER, SO THAT EVENTUALLY THE DATA PAGES WILL FACE THE CHARTS.

INDEX OF FACILITIES

TO FIND THE NUMBER OF THE PAGE ON WHICH A FACILITY IS CHARTED, REFER TO THE INDEX OF FACILITIES BELOW. AS OUTLINED ABOVE, THE DETAILED DATA FOR THE FACILITY WILL BE FOUND ON THE DATA PAGE BACKING, OR FACING, THE CHART.

NEW DATA PRESENTATION

(A) ON THE DATA PAGES BACKING OR FACING THE CHARTS, NEW DATA OR REVISIONS ARE INDICATED BY ARROWS; (B) IN THE NOTICES TO AIRMEN SECTION, CITATIONS COVERING NEW OR REVISED RADIO DATA ARE PREFIXED BY ONE LARGE STAR " * " CITATIONS COVERING NEW OR REVISED AIRPORT, OR MISCELLANEOUS DATA ARE PREFIXED BY TWO ASTERISKS "**"

DATA PAGE NOTAMS

BECAUSE OF THE SERIOUS PAPER SHORTAGE, THE DATA PAGES, WHERE POSSIBLE, HAVE TO SERVE AS NOTAM (NOTICES TO AIRMEN) PAGES. RESULTANTLY, MOST OF THE NEW DATA FORMERLY NOTAMIZED IN THE NOTICES TO AIRMEN SECTION WITH PREFIXED LARGE STARS OR DOUBLE ASTERISKS ARE NO LONGER CARRIED IN THAT SECTION. ONLY COMMISSIONINGS, ABANDONMENTS, OR CHANGES SO POTENTIALLY HAZARDOUS THAT THEY ARE INDICATED WITH Ⓡ (FOR RED FLAG) SYMBOLS ON THE CHARTS, ARE NOW CITED IN THE NOTICES TO AIRMEN SECTION. NOTAMIZING ON THE DATA PAGES IS EFFECTED BY THE USE OF PREFIXED ARROWS AS IN THE FORMER AIR NAVIGATION RADIO AIDS PUBLICATION. AIR CHANGES FROM THE PREVIOUS ISSUE, WHETHER CITED IN THE NOTICES TO AIRMEN SECTION, OR NOT, ARE INDICATED BY THE PREFIXED ARROWS. FOLLOWING ARE EXAMPLES OF CHANGES NOTAMIZED ONLY ON THE DATA PAGES: FIELD OBSTRUCTION, SERVICING, ELEVATION, LOCATION, AND RUNWAY LENGTH CHANGES. BECAUSE OF THE USE OF THE PREFIXED ARROWS AS NEW DATA INDICATORS, A FURTHER INNOVATION HAD TO BE ADOPTED. THIS IS A TINTED HORIZONTAL LINE FOLLOWING THE LAST TABULATED FACILITY AND TITLED EITHER NEW RADIO FACILITIES OR NEW AIRPORTS.

NEW FACILITIES ON DATA PAGES

SPACE BELOW THE TINTED HORIZONTAL LINES ON THE DATA PAGES HAS BEEN RESERVED AS A SUPPLEMENT FOR NEW RADIO AIDS AND AIRPORTS WHOSE DATA WERE RECEIVED AFTER THE DATA PAGES WERE ORIGINALLY TYPED. REVISIONS TO EXISTING AIRPORTS AND RADIO AIDS ARE SUPER-IMPOSED ON THE OLD DATA. NEW AIRPORTS AND RADIO AIDS HOWEVER, ARE LISTED, NECESSARILY OUT OF ALPHABETICAL ALIGNMENT, BELOW THE TINTED HORIZONTAL LINES UNTIL THE PAGE IS RE-TYPED.

CHART NOTAMS

NOTAMIZING ON THE CHARTS IS EFFECTED BY USE OF THE SUPER-IMPOSED Ⓡ AND Ⓞ SYMBOLS. THE Ⓡ (FOR RED FLAG) INDICATES A VERY HAZARDOUS CONDITION OR A MAJOR CHANGE. THE Ⓞ SYMBOL (FOR ORANGE FLAG) INDICATES A MINOR CHANGE OR HAZARDOUS CONDITION WITH THE FACILITY STILL USABLE WITH CAUTION. THE PERTINENT DETAILS TO WHICH THESE SYMBOLS REFER WILL BE FOUND LISTED IN THE NOTICES TO AIRMEN SECTION UNDER THE FACILITY NAME (AND STATE) BY WHICH THEY ARE CHARTED.

Ⓡ and Ⓞ SYMBOLS

THESE SYMBOLS WERE ADOPTED FOR SUPER-IMPOSITION OVER CHARTED FACILITIES TO INDICATE HAZARDOUS CONDITIONS AND COVERING NOTICES TO AIRMEN. THUS, IF A CHART USER NOTES NO SYMBOL ON THE FACILITIES HE IS PLANNING ON USING, THERE IS NO NECESSITY FOR HIM TO WADE THROUGH THE 30-ODD PAGE NOTICES TO AIRMEN SECTION.

NOTICES TO AIRMEN SECTION

ALL TEMPORARY CONDITIONS (FIELD SOFT, RUNWAY UNDER CONSTRUCTION, RANGE COURSE OUT OF ALIGNMENT, ETC) ARE CITED IN FULL IN THE NOTICES TO AIRMEN SECTION UNTIL THEY ARE NO LONGER IN EFFECT. WHEN A CITATION CARRIES A PERMANENT ITEM AND A TEMPORARY ITEM, THE PERMANENT ITEM IS UNDERLINED. PARENTHETICAL DATE AT END OF ITEM INDICATES TIME ITEM WAS REPORTED. TO CONFORM TO CHART PRACTICE, ALL FACILITY DATA ARE LISTED IN THE NOTICES TO AIRMEN SECTION AND ON DATA PAGES ALPHABETICALLY BY STATES AND BY FACILITY NAME. THUS, AN AIRPORT WILL BE FOUND LISTED ALPHABETICALLY UNDER ITS OWN NAME RATHER THAN UNDER ITS LOCALE'S NAME. IF THE AIRPORT OR RADIO FACILITY NAME IS OTHER THAN THAT OF THE CITY IN WHICH IT IS LOCATED, THE LOCATION IS SHOWN IN PARENTHESIS AFTER THE FACILITY NAME.

SPECIAL NOTICES

NOTICES OF NATIONAL INTEREST, OF GREAT IMPORTANCE, OR OF NON-LOCALIZED NATURE, WILL BE FOUND AT THE BEGINNING OF THE NOTICES TO AIRMEN SECTION.

CIVIL FACILITY CHANGES: ADVISE WHOM

PLEASE ADVISE THE OFFICE OF AVIATION INFORMATION, ATTENTION A-250, C.A.A., DEPARTMENT OF COMMERCE, WASHINGTON 25, D.C. AS SOON AS TEMPORARY CONDITIONS COVERING CIVIL AIRPORTS OR NAVIGATIONAL AIDS BEGIN OR TERMINATE, OR FLIGHT HAZARDS ARE ERECTED OR REMOVED. FIELD DATA REVISIONS SHOULD BE SUBMITTED TO THE NEAREST C.A.A. DISTRICT AIRPORT ENGINEER.

TO ALL SUBMITTERS OF AIRMAN'S GUIDE DATA

AN UNDER-MANNED STAFF PREVENTS AN INDIVIDUAL ACKNOWLEDGMENT OF DATA SUBMITTED FOR THE AIRMAN'S GUIDE BY TELEGRAM, TELETYPE DISPATCH, OR LETTER. YOUR COOPERATION IN PERMITTING A GUIDE CITATION TO SUFFICE AS AN ACKNOWLEDGMENT WILL BE APPRECIATED.

INDEX OF FACILITIES

[redacted]
Albertville (106,125)
Alexander City
" Russell (123)
Andalusia (129)
Anniston (125)
" AAF (125)
Athens (123)
Atmore (129)
Auburn-Opelika (125)
Barin (129)
Birmingham R,T (123)
" Central Park (123)
" Roberts (123)
Bradford FM (123)
Brewton (old)(129)*
" (new)(129)
Brookley T (129)
Canal (129)
Canoe FM (127)
Centre (106,125)
Clanton, Gragg (123)
Columbiana (123)
Courtland (127)
Craig R,T (123)
Cullman (106,123)
Decatur
" Beaver Dam (106)*
Decatur, Pryor (106)
Demopolis (123)
Dothan A, R (129)
" Napier (129)
" Southern Airmotive (129)
Eden FM (123,125)
Elberta, Kaiser's Tract
Elmore (123) (129)
Enterprise (129)
Eufaula, Weedon (125)
Eutaw (123)
Evergreen, Middleton
Fairchoth (129) (106)
Foley, Canal (129)
" Magnolia (129)
" Barin (129)
Ft. Payne, DeSoto Park
Furnias (123) (106)
Gadsden (106,125)
Gainesville (123)
Garden City FM (106)
Geneva (129)
Greenville (123)
Guster T (125)
Guntersville Dam (127)
Hartselle (127)
Headland (129)
Henderson (123)
Huntsville (127)
" Arsenal (127)
Hurtsboro (125)
Jasper, Walker Co. (123)
Josephine, Wolf (129)
Kaisers Tract (129)
Lillian, Faircloth (129)
Luverne (129)
Magnolia (129)
Maxwell R,T (123)
Mobile R (129)
" Bates (129)
" Brookley T (129)
" Davis (129)
Mollette (123)
Montgomery
" Allenport (123)
" Dannelly (123)
" Elmore (123)
" Guster T (125)
" Maxwell R,T (123)
" Norman Bridge (125)
Muscle Shoals A,R (103)
Napier (129)
Ozark (129)
Prichard, Chastain's
Scottsboro (126)
" No. Sauty Base (127)
Selma-Selfield (123)
Selma
" Autaugaville (123)
" Craig R,T (123)
" Dallas (123)
" Furnias (123)
" Henderson (123)
" Mollette (123)
Silverhill (129)
Summerdale (129)
Talladega (125)
Troy (125)
Tuscaloosa H (123)
" Foster (123)
" Van de Graaff (123)
Tuskegee (125)
" Moton (125)
Wolf (129)
[redacted]
Aguila (93)
Ajo (93)
Amado
" Kinsley Ranch (96)
Ashfork (94)
Bisbee (96)
Bowie (96)*
Cactus, No. Phoenix (96)
Cameron (95)*
Casa Grande
" Three Point (92)*
Chandler
" Williams T (96)
Clifton-Greenlee Co. (96)*
Cochise R.A (96)
Coolidge (96)
" Airpark (96)
" Flying Field (96)
Cottonwood
" Clemenceau (94)
" Verde Valley (94)*
Datelan (93)
Davis-Monthan T (96)
Deep Lake (95)
Douglas (96)
" Forrest #2 (96)
" International (96)
" McNeal #1 (96)
Duncan (96)
Flagstaff, Koch (95)
Florence (96)*
Forest #2 (96)
Fort Huachuca (96)
Fredonia (94)
Gila Bend A,R (93)
" #4 (93)
Gila Bend #5 (93)
" #6 (93)
Globe, Cutter (96)
Grand Canyon
" South Rim (94)
Hayden (96)
Hereford (96)
Hilltop FM (96)
Holbrook (95)
" Int. (95)
Joseph City FM (95)
Kingman (94)
" Mohave Co. (94)
" Port Kingman (94)
Laguna Landing Strip (93)
Litchfield Park (96)*
" NAF T (96)
Luke (96)
Marana (96)
McNeal #1 (96)
Mesa A*, FM (96)
" Airpark (96)
" Falcon (96)*
Meteor Crator FM (95)
Nogales, Central (96)
" International (96)
Parker (93)
Perryville FM (96)
Phoenix R (96)
" Airhaven (96)
" Air-Topia (96)*
" Luke (96)
" Paradise (96)
" Sky Harbor T (96)
" Thunderbird #1 (96)
" Thunderbird #2 (96)*
Prescott R (94)
" Ernest A. Love (94)
Quartzsite, Conner (94)
Redrock FM (96)
" Int. (96)
Safford (96)
" Wickersham (96)
Sahuarita Figt Strip (96)
St. Johns, Saunders (95)
Salome (93)
" Int. (93)
Selin (96)*
Somerton (93)
Superior (96)*
Tempe (96)
Toltec (96)
Tonopah (93)
Tucson A. R (96)
" Airpark (96)
" Davis-Monthan T (96)
" Downtown (96)
Tucson, Gilpin (96)
" Ryan (96)
" Silverbell (96)
" Wagon Wheels Ranch (96)
Vail FM (96)
Valle (94)
Wellton (93)
" Smiley (93)
White River
" Fort Apache (96)*
Wickenburg Mun (93).
" Sky Ranch (93)*
Wilcox (96)
" Cochise Co. (96)
Williams (94)
" AAF T (96)
Window Rock (95)*
Winslow A,R (95)
Yucca (94)
Yuma Fly. Fld. (93)
" Marsh (93)
[redacted]
Alma (99)
Artadelphia (99)
Benton (102)
Bentonville (93)
Berryville (93)*
Biggers (96)*
Black Rock
" Sloan (96)
Blytheville R (103)
" AAF (103)
" American Legion (103)
" Cooter (103)
" Manila (96)
" Steele (103)
Brinkley (102)
Bruins FM (102)
Cabot, Bailey (102)
Calico Rock, Copp (96)
Camden, Graysun (99)
Carlisle (102)
Clarksville (99)
Conway (102)
Cotton Plant
" Overholt (102)
Crossett
" Ashley County (102)
Desha, Batesville (96)
DeWitt, Commercial
El Dorado (102) (105)
" Goodwin (99)
Fayetteville (93)
Flippin
" John's Airpark (96)
Forrest City (102)
Fort Smith (99)
Harrison (93)
Hasty, Smith (93)
Hazen (102)
Helena
" Thompson-Robbins (102)
Hope (99)
Hot Springs
" McLaughlin (99)
Hughes, Tucker (102)
Joiner, Wilson (102)
Jonesboro (96)
Little Rock R (102)
" Adams T (102)
" Central (102)
Lonora (103)
McGhee (102)
Magnolia (99)
" Baker (96)
Malvern, Harlan (99)
Manila AAF (96)
" Fleeman (96)
Mena, Bowden (99)
Monticello
" Wright (102)

INDEX LEGEND: A - Airport with an associated radio facility identically named
FM - Fan marker
R - Radio range
T - Airport with control tower
K - Independent compass locator station
B - Non-directional radio beacon
*-Facility listed on data pages but not charted.
N.B. All facilities without a letter suffix are airports. Names not followed by a number suffix are not airports but merely geographical locations.

Newport (102)
" Erwin (102)
" Milltown (66)
Ola, Norman (99)*
Palmer,Gilbrech (102)
Paris (99)
Pine Bluff, Grider(102)
" Toney (102)
Prairieville (102)
Prescott FM (102)
" Hope Prescott (99)
Rogers (63)
Round Pond (102)
Russellville
" Ark.Poly.College
Searcy (102) (99)
Springdale (63)
Stuttgart R (102)
" AAF (102)
" Carlisle (102)
" Dockery (102)
" Hazen (102)
" Prairieville (102)
Texarkana A, R (99)
Van Buren,Greig (99)
Walcott #3 (66)
Walnut Ridge A,R (66)
" Walcott #3 (66)
West Memphis
" Bowen (102)
" Levee (102)
Wynne (102)

[redacted]

Alameda (50)
Allen (50, 51)
Alturas (19)
" #1 (19)
Amedee Figt Strip (19)
Anderson
" Pinnegar (19)
Antioch (50)
Arcata E,B,T (19)
Armitage (51)
Artesia,Cranford(139)
Auburn FM. A (57)
Avalon
" Buffalo Springs (82)
Bagdad (54)
Bakersfield R (51)
" Kern Co. T. (51)
" La Cresta (50,51,82)
" Minter (50,51)
Banning A, FM (82)
Barstow (82)
Bass Lake
" Wishon, USFS (51)
Bay Point FM (47)
Beckwourth (19)
Bellflower (139)
Belmont (50)
Big Bear (82)
Big Pine (51)
Bishop (51)
Blue Canyon FM,H(19)
" Int. (19)
Blythe R (83)
" AAF (83)
" Gary (83)
" Harvey (83)
" Heron (83)
Borego Hotel (83)*
Boron (82)
Brawley (83)
" O'Connell Bros.(83)
Bridgeport,Bryant(51)*
Brown (82)
Burbank R LFM(139)
" Lockheed Air Term. T (139)
Calexico (83)
Callahan FM (19)
Camarillo,Conejo Val'y
Cambria (50) (139)
Camp Pendleton (82)
Carmel Valley (47)
Castiac FM (137)
Castle T (51)
" OLF (82)
Cedarville (19)
Chatsworth K, FM(139)
Chester (19)*
Chico (19)
" Ranchaero (19)
" Patrick (19)
Claremont
" Cable-Claremont
Clarksburg (139)
" Borges-Clarksb'g(47)
Clarks Dry Lake (82)*
Coalinga (51)
Colusa (19)
Compton (139)
" Central (139)
Concord (50)
" Buchanan Co.(50)
Corcoran (51)
" Harvey (51)
Corning (19, 139)
Corona
Coronada FM (82)
Costa Mesa
" Newport Baysky Harbor (139)
Cotati (47)
Covelo
" Round Valley (19)*
Coyote Wells
" (North & South Flds) (83)*
Crescent City
" Del Norte Co. (19)
" Gasquet (19)*
Crows Landing (47)
Culver City,Hughes
Daggett R (82) (139)
" San Bernardino Co. (82)
Davis
" State Forestry (47)*
" University (47)
" Winters Figt Strip
Death Valley Junction
" Amargosa (51)
Delano (51)
Del Mar (82)
Delta (19)
Desert Center (83)
" Int. (83)
Donner Summit R (19,
Dos Palos (47) 51)
" Eagle (47)
Downey K, FM (139)
" Vultee (139)
Dunsmuir (19)
El Cajon (82)
El Centro R (83)
" NAS T (83)
" Coyote Wells North Field (83)*
" Coyote Wells South Field (83)*
El Monte (139)
" Rosemead (139)
Elsinore (82)
" Lake Elsinore (82)
El Toro T (139)
Escondido,Engel (82)
Estrella (50)
Eureka A, FM (19)
" Humboldt Co. (19)
Evergreen FM (47)
Fairfield
" Suisun AAF R,T (47)
" Suisun Airpark (47)
Fall River Mills
" Fall River (19)
Farallon Island H (47)
Fontana FM(82)
Fort Jones A, R (19)*
Franklin (47)
Fresno R (51)
" Adams (51)
" Cannon (51)
" Fresno-Chandler(51)
" Fresno-Skylark (51)
" Furlong (Co.Club)(51)
" Hammer (51)
Fullerton (139)
Furnace Creek
" Death Valley Nat'l. Monument (51)
Gardengrove (139)
" Haster Farm (139)*
Gardner (51)
Gillespie (82)
Glendale K (139)
" Grand Central T
Grass Valley (19) (139)
Gray Butte (139)
Gridley (19)
Gustine (47)
Half Moon Bay A, FM(50)
Hamilton H,T (47)
Hammer (51)
Hanford (51)
Haster Farms (139)
Hawes (82)
Hawthorne T (139)
Hayfork (19)*
Hayward (50)
Healdsburg
" Alexander Val'y (47)
" Norton Sky Ranch(47)
Helendale (82)
Hemet (82)
Hollister (47)
Holtville (83)
Horse Farm (139)
Huntington Beach A,FM (139)
Imperial Co. (83)
Independence (51)
Indio A,R (82, 83)
" Shavers Summit(83)
Inyokern
" Armitage (51)
" NAF (Harvey Fld)T (51, 82)
Jackson
" Amador County (47)*
Jacumba Hot Spgs.(83)
King City (47)
La Habra FM (82)
Lakeport,Lampson (47)
La Mesa FM A (82)
" Jamacha (82)
" La Pressa (82)
" Sweetwater Spgs(82)
Lancaster
" Antelope Valley(82)
" Quartz Hill (82)
" Sterk's Ranch (82)
" War Eagle (82)
Laytonville
" 101 Hereford Ranch (19)
Lebec FM (82)
Lemoore (51)
" Kleinhammer (51)
Lincoln (47)
Lindsey
" Coulburn (51)
Little River
" Mendocino (19)
Livermore NAS (50)
" Sky Ranch (50)
Lodi, Lind's (47)
" Kingsbury (47)
" Lodi Arpk (47)
Lomita (139)
Lompoc (50)
" com. (50)
Lone Pine (51)
Long Beach R,T (139)
Los Alamitos T (139)
" Horse Farm(139)*
Los Angeles R (139)
" Culver City (139)
" Mines T (139)
" Torrance Community (139)
" Vail (139)
Los Banos A, FM (47)
Lost Hills #8 (50,51)
Lower Lake
" Hoberg (47)
McClellan T (47)
McCloud
" Ash Creek (19)*
Madera (51)
Manteca,Summer Home (47)
Manzanar
" Inyo County (51)
March T (82)
Maricopa,Cuyama (50)*
Mariposa (51)*
Martinez (47)
Marysville,Alicia (19)
" Cheim (19)
Mather H, T (47)
Mecca,Port Mecca (83)
Merced Mun. (51)
" Castle T (51)
Mile Square Farm (139)
Minter (50, 51)
Mirage (82)
Miramar
" MCAS T (82)
" OLF (82)
Modesto (47)
Moffett T (49)

Monrovia (139)
Montague (19)
" Siskiyou Co. (19)
Montebello
" Ranchaero (139)
Monterey
" Monterey Peninsula (47)
Morgan Hill,Valley (47)
Mountain View A,R (50)
" NAS (Moffett) T (50)
Mt. Laguna H (82,83)
Mt. Shasta R (19)
Muroc R,T (82)
Napa, Napa Co. (47)
" Napa Sky Ranch (47)
National City (82)
Needles A,R (54)
" Riverview (54)
Nevada City (19)
Newark K,FM (47)
Newhall A,R (139)
New Jerusalem (47)
Norco (139)
Norwalk
" Delbert Arpk.(139)
Oakland R,T (50)
Oceanside H,FM (82)
" Camp Pendleton(82)
" Hi Hi Sky Ranch (82)
Ocotillo (83)*
Ojai,Henderson (50)
Olancha,Adamson (51)
" Monache Meadows (51)
" Templeton Meadow (51)
" Tunnel (51)*
Ontario T (139)
" Cal-Aero (139)
Oroville (19)
Otay NAAS,Brown (82)
" Wolfe's Arpk. (82)
Oxnard Flight Strip (50)
" Ventura Co. (50)
Palisades (138)*
Palmdale A,R (82)
" Galbraith (138)
Palm Springs (82,83)
Palo Alto (50)
Parlier
" Paiva Inter-City (51)
Paso Robles A,R (50)
" Estrella (50)
Petaluma (47)
" Justman Fld. (47)
" Oak View (47)
Point Mugu T (50)
Pomona (139)
" Brackett (139)
Porterville (51)
" Cornell (51)
Puente,Sky Ranch(138)
Quincy,Sky Harbor(19)
Randsburg (51,82)*
Ravendale (19)*
Ream T (82)
Red Bluff R (19)
" Bidwell (19)
Redding A, FM (19)
" Benton Arpk (19)
Reedley
" Great Western (51)*
Rialto,Morrow (82)
Rice (83)
Riverside A,R (82)
" Arlington (82)
" March T (82)
Romona (82)
Rosamond,Barnes (82)
" Liberty (82)
Rosedale (82)
Sacramento R,T (47)
" Branstetter (47)
" Lincoln (47)
" McClellan T (47)
" Mather H,T (47)
Sacramento
" Sky Ranch (47)
Salinas A,R (47)
" American Legion (47)
Salton Sea (83)
" Borego Hotel (83)*
" Clark's Dry Lake (82)*
" Ocotillo (83)*
San Bernardino (82)
" AAF T (82)
" Tri-City (82)
San Carlos (50)
" Cooley (50)
San Clemente Island (82)
" Castle (82)
San Diego R (82)
" NAS T (82)
" Gibbs (82)
" Lindbergh T (82)
" Miramar OLF (82)*
" Miramar MCAS T (82)
" Peik (82)
" Rosedale (82)
" San Diego (82)
" Sweetwater (82)
San Fernando (138)
" Whiteman Arpk(138)
San Francisco R,T (50)
" Gap K (50)
San Jacinto,Harmon(82)
San Jose (50)
" Reid-Hillview (50)
" San Jose City (50)
San Luis Obispo (50)
San Marcos
" McCormick (82)
" San Marcos Valley (82)
San Mateo (50)
" Bay Meadows (50)
San Nicolas Isl. (82)
San Pedro,Terminal Island T (139)
San Rafael
" Hamilton H,T (47)
" Marin Co.,Inc.(47)
San Ramon (50)
Santa Ana R,T (139)
" El Toro T (139)
" Mile Quare Farm (139)
" Orange Co. (139)
Santa Barbara R,T (50)
Santa Cruz (47)
" Sky Park (47)
Santa Maria T (50)
" Dorman (50)
" Hancock (50)
" Machado (50)
Santa Monica(Clover) (139)
Santa Paula (50)
Santa Rosa (47)
" Santa Rosa Arpk(47)
" NAAS T (47)
Santa Susana (139)
Santa Ynez
" Crawford (82)
Santee,Gillespie (82)
San Ysidro
" Borderland (82)
" Ream T (82)
Saticoy (50)
Sausalito FM (47)
Secret Valley (19)
Shafter-Kern Co (50,51)
Shavers Summit (83)
Silver Lake R,A (54)
Sonora,Columbia (51)
Stockton R A (47)
" Orange Bros. (47)
" West Lane (47)
Stratford,Newton (51)
Susanville (19)
Taft, Allen (50)
" Gardner (50)
" Parker (50)
" Taft-Kern Co. (51)
" Taft-Kern Co.Aux.
" Taft-Kern Co.#2 (51)
Tehachapi (51,82)
Terminal Isl. T (139)
Thermal (83)
Tracy (50)
" New Jerusalem (47)
Trona A,R (51)
Truckee (91, 51)
Tulare (51)
" Defense Plant Corp. (51)*
Turlock (47)*
" Turlock Arpk (47)*
Twentynine Palms
Ukiah (19) (83)
Upper Lake
" Gravelly Val'y(19)*
Vallejo Sky Harbor (47)
" Stan's Arpk (47)
Valley Springs
" Mother Lode (47)
Van Nuys
" Metropolitan T
Vernalis (50) (139)
Victorville "66" (82)
" AAF T (82)
" Grey Butte (139)
" Hawes (82)
" Helendale (82)
" Mirage (82)
Visalia (51)
" Green Acres (51)
" Sequoia (51)
" Piepgrass Bros.
Walnut Creek (51)
" Sherman (50)
Warm Springs (50)
Warner Hot Spgs. (82)
Watsonville #1 (47)
" #2 (47)
Weaverville (19)*
Westhaven
" Boston Land Co.(51)*
Whitmore R (19)
Williams R (19)
" Dalton, com. (19)
" Int. (19)
Willits (19)
Willows-Glenn Co.(19)
Winters Figt Strip (47)
Woodlake (51)
Woodland
" Yolo Flyers (47)
Woodville,Vossler(51)
Yermo, Calico (82)

COLORADO

Akron A, R (27)
" Douglas (27)
Alamosa (58)
Alvin (27)
Anton R (27)
Arlington #4 (58)
Boulder (139)
Buckley (139)
Burlington (27)*
Calhan (27)
Canon City,Fremont Co.
" Royal Gorge (58)
Colorado Spgs R (58)
" Nichols (58)
" Peterson T (58)
" Pine Valley (58)
" Rocky Mtn. (58)
Cortez (55)
Craig (26)
Creede (58)
Dacona FM (27)
Delta,Starr Nelson (55)
Denver R (139)
" Buckley (139)
" Civil Air Patrol (139)
" Combs (139)
" Lowry T (139)
"Ruston (139)
" Sky-Ranch T (139)
" Stapleton (Denver Arpt) T (139)
" Vest Acft (139)
Dove Creek (55)
Dupont,Rutledge (139)
Durango (55)
Eads (59)
Eagle A, R (26)
Englewood (139)
Estes Park (26)
Fairplay,Teter (26)*
Flagler (27)
Fort Collins (26)
Fort Morgan,Young (27)
Fountain FM (58)
Franktown FM (139)
Glenwood Spgs (26)
Golden,Creighton(139)
Granby (26)
Grand Junction R (26)
" Walker (26)
Greeley,Crosier (27)
Gunnison
" Meeker Ranch (56)
Henderson FM (134)
Holly, Remer (59)
Holyoke (27)
Hugo (27)
Julesburg (27)
" Doughty's (27)
Kit Carson
" Trading Post (56)*
La Junta R (58)
" AAF (58)
" Arlington #4 (58)
" La Junta Bridges (58)
" Las Animas #2 (58)
" Rocky Ford (58)
Lamar (59)
Las Animas (58)
" #2 (58)
Limon
" Stake's Prairie Port (27)
Lindon,Roderick (27)
Longmont (26)
Lowry T (139)
Mancos (55)*
Meeker (26)
Menita,Costilla Co.(58)
Monte Vista (58)
Montrose (55)
Nucla (55)
Ordway (58)
Peterson T (58)
Pueblo A, R (58)
" Gregg (58)
" Pueblo AAB (58)
Rangely
" Rangely Heights
Rifle (26) (26)
Rocky Ford
" Reynolds (58)
Saguache (58)
Salida (58)
Silver Cliff,Valley (58)
Springfield (59)
Sterling (27)
Trindad A,R (58)
Walden (28)
Walsh, Griffin (59)
Watkins FM (139)
" East Colfax (139)
Westcliffe,Cress (58)
Wray (27)
Yuma (27)

CONNECTICUT

Bethany (43)
Bridgeport T (43)
Bristol
" Stephenson (43)
Brookfield (43)
Canaan (43)
Cheshire
" Tier Airstrip (43)
Danbury (43)
East Hartford
" Rentschler T (43)
Essex, Doane (43)
Groton,Trumbull (43)
Hartford R (43)
" Brainard T (43)
Madison
" Hammonasset (43)
Meriden FM, T (43)
Milford (43)
Monroe (43)
Moosup FM (46)
New Haven (43)
Plainfield (46)
Plymouth
" Waterbury (43)
Putnam (46)
Salem (43)
Simsbury (43)
Somers,Kinsley (43)
Stonington,Foster (46)
Southington (43)
Wallingford
" Lufbery (43)
Waterford (43)
Watertown (43)
West Haven (43)
Windham (43)
Windsor Locks
" Bradley T (43)

[redacted]

Bridgeville (78)
Dover
" Airpark (75)
" AAF (75)
Frankford,Sussex(75)
Georgetown (75)
Harrington (75)
Laurel (75)
" Holly Brook (75)
New Castle Biggs (75)
" Bellanca (75)
Rehoboth Beach
" Rehoboth Acfters(75)
Seaford, duPont (75)*
Wilmington R (75)
" duPont T (75)
" New Castle Co.T (75)
" Skycraft (75)

DIST. OF COLUMBIA

Washington R (78)
" Anacostia NAS T (78)
" Bolling T (78)
" National T (78)

[redacted]DA

Alliance #4 (129)
Altoona (135)
Apalachicola (129)
Apopka,Ryan (135)
Arcadia (135)
" Carlstrom (135)
" Dorr (135)
Avon Park (135)
" AAF (135)
Bagdad (129)
Banana River R (135)
" NAS T (135)
Barberville (133,135)
Bartow (135)
Bascom (129)
Bayard FM (133)
Belle Glade (137)
Boca Raton T (137)
Bostwick (133)
Bradenton (135)
Branan (133)
Bronson (129)
Brooksville (135)
Bryceville FM (133)
Buckingham (137)
Bunnell (133)
Carrabelle Figt Strip
Cecil T (133) (129)
Cedar Keys (135)
Chipley (129)
Choctaw (129)
Clarcona,Hidden Acres
Clearwater (135) (135)
Clewiston (137)
Cocoa (135)
Conners (135)
Crestview A,R (129)
Cross City A,R (133)
Daytona Beach A,R (133, 135)
" Tomoka (135)
De Funiak Spgs.(129)
De Land (135)
Dunedin,Skyport (135)
Dunnellon (135)
Eglin R,T (129)
Ellenton (135)
Ellyson (129)
Eustis,Waterman(135)
Fernandina (133)
Fleming Island (133)
Forman (137)
Fort George Isl.FM(133)

(85)–Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Shelton, Conn, Island (43)

Fort Lauderdale FM (137)
" NAS (137)
" Forman (137)
" West Prospect (137)
Fort Myers R (137)
" Buckingham (137)
" Page (137)
Fort Pierce (com)(133)
" (mun.) (133)
Gainesville
" John R. Alison (133)
" Stengel (133)
Green Cove Springs
" Lee OLF (133)
Haines City (135)
Hawthorne (133)
Helm (129)
Hillsborough (135)
Holley (129)
Hollywood
" MacArthur (137)
" North Perry (137)
Holt FM (127)
Homestead
" So. Dade Co. (137)
" Mun. (137)
Immokalee Arfld (Aux.) (137)
" Int. (137)
Jacksonville R,T (133)
" NAS R,T (133)
" Branan (133)
" Cecil T (133)
" Craig (133)
" Flemings Isl. (133)
" Hart (133)
" Herlong (133)
" Whitehouse (133)
" Williams (133)
Jasper (133)
Keystone Heights
" Keystone AAF (133)
Key West R (137)
" NAS T (137)
" Meacham (137)
Kissimmee (135)
Lake Butler (133)
Lake City (133)
" Witt (133)
Lakeland AAF (135)
" Lakeland Mun. #1(135)
" Skyland (135)
Lake Wales (135)
Lake Worth (137)
Lantana
" Palm Beach Co. Lee (133) (137)
Leesburg (135)
" Gray's (135)
Live Oak A,FM (129,133)
MacDill T (135)
Malabar (135)
Malone #2 (129)
Marathon (137)
Marianna (129)
" Alliance #4 (129)
" Bascon (129)
" Ellis (129)
" Malone #2 (129)
Master T (137)
Mayport (133)
Melbourne A,R (135)
" Eau Gallie (135)
" Valkaria (135)
Miami R (137)

Miami
" Aviation Center(137)
" Brown (137)
" Chapman (137)
" International T(137)
" Master T (137)
" NAS (Opa Locka)(137)
" OLF (137)
" Sunny South (137)
" Tamiami (137)
Miami Bay Shore FM (137)
Middleburg (133)
Milton (129)
" Whiting NAS (N) T,R (129)
" Whiting NAS (S)(129)
" Santa Rosa (129)
Minneola,Kerlin (135)
Molino FM (127)
Montbrook (133,135)
Monticello (133)
Naples (137)
New Smyrna (135)
North Tampa FM (135)
North Perry (137)
North Pompano (137)
Ocala,Taylor (133,135)
Okeechobee
" Conners (135)
Orange City (135)
Orlando R (135)
" AAB (Arpt) T (135)
" Cannon Mills (135)
" Hoequist (135)
Palatka
" Kay Larkin (133)
" Sawyer (133)
Panama City (129)
" City Arpk (129)
" Skyland (129)
" Tyndall R,T (129)
Pensacola A,R (129)
" Bagdad (129)
" Bronson (129)
" Choctaw (129)
" Ellyson (129)
" Gulf Arpk (129)
" Helm (129)
" Pensacola Arpk(129)
" Pensacola NAS (Chevalier)T(129)
" Corry (E & W Flds) T (129)
" OLF #1 (129)
" OLF #5 (129)
" OLF #6 (129)
" OLF #7 (129)
" OLF #8A (129)
" OLF #9K (129)
" Saufley T,(129)
" Spencer (129)
Perry (133)
Pierson Memorial(133, 135)
Pinecastle (135)
Plant City (135)
" Robinson (135)
Pompano
" North Pompano(137)
Punta Gorda (135)
" Mun. (135)
Quincy (133)
Richmond (137)
St. Augustine (133)
St.Petersb'g,Whitted(135)

St. Petersburg
" Ludwig Sky Harbor (135)
" Pinellas Co. Master T (135)
" Piper-Fuller (135)
Sanford (135)
" Osceola (135)
Sarasota-Bradenton (135)
" Com. (135)
Santa Rosa (129)
Saufley T (129)
Sebastian,Roseland(135)
Sebring (135)
" Hendricks (135)
Spencer (129)
Stock Isl. LFM (137)
Stuart,Witham (135)
Switzerland (133)
Tallahassee R (133)
" Dale Mabry T (133)
" Lake Jackson (133)
Tampa R (135)
" Drew T (135)
" Hillsborough (135)
" MacDill T (135)
" Peter O. Knight (135)
Tennile (133)
Titusville (135)
" Cocoa (135)
Tyndall R,T (129)
Valparaiso,Eglin R,T
" Eglin #1 (129) (129)
" Eglin #2 (129)
" Eglin #3 (129)
" Eglin #4 (129)
" Eglin #5 (129)
" Eglin #6 (129)
" Eglin #7 (129)
" Eglin #8 (129)
" Eglin #9 (129)
Venice,mun. (135) (135)
" Fette Aircraft Serv
Vero Beach A,H (135)
Wauchula (135)
West Palm Beach R(137)
" Morrison T (137)
Whiting NAS (N) R,T(129)
" NAS (S) (129)
Whitehouse (133)
Williston
" Montbrook (133)
Wimauma (133)
Winter Haven
" Gilbert (135)
" Orlando Aviation Co. Club (135)
" Showalter Arpk (135)
Zephyrhills (135)

GEORGIA

Adel,Cook Co. (133)
Albany A,R (133)
" Turner (133)
" Turner #1 (133)
Alma A,R (133)
Americus (125)
" Souther (125)
Ashburn (133)
Athens (125)
" Polo Arfld (125)
Atlanta R,T (125)
" NAS (Camp Gordon) (125)

Atlanta,Lakewood(125)
Augusta R (131)
" Bush (131)
" Daniel T (131)
Babcock (133)
Bainbridge (133)
" Commodore Decatur (133)
Baxley,Bouser (133)
Bemiss #3 (133)
Boykin,Babcock (133)
Brunswick A,H (133)
" Glynco (133)
Buford,Allen (107,125)
Butler (125)
Camilla (133)
Camp Stewart (131)
Carrollton,City-Co. (125)
Cartersville,Felton(125)
Cedartown (106,125)
Chatham (131)
Cochran (125)
" AAF (125)
" Red Dog (125)
Columbus (125)
" Muscogee Co.(125)
" Lawson T,R (125)
Cordele (125)
Dalton (127)
Darien (133)
Donalsonville (129)
Douglas
" So.George College (133)
Dublin (125)
East Point LFM(130)
Elberton (107,125)
Faceville (133)
Fitzgerald (133)
" Three "B" (133)
Folkston (133)
Gainesville (107,125)
Glenville (131)
Glynco R,T (133)
Griffin (125)
Harris Neck (133)
Hinesville (131)
" Camp Stewart (131)
Homerville Flgt Strip (133)
Jackson (125)
Jasper (106)
Jefferson, Long(107,125)
Jonesboro FM (125)
LaGrange (125)
Lake Park #2 (133)
Lawrenceville,Wages(125)
Lawson R,T (125)
McRae (125)
Macon R (125)
" Cochran (125)
" Herbert Smart (125)
" Ries (125)
Madison (125)
Madras FM (125)
Marietta AAF T (106,125)
" Clevenger's (106,125)
" Cobb (106,125)
" Parkaire (106,125)
Milledgeville,Kings(125)
Millen,Birdsville (131)
Montezuma (125)
Moody (133)
Moultrie (133)
" Northside (133)

Moultrie,Spence(133)
Nashville (133)
Newnan Arpk (125)
Palmetto,Morton(126)
Reynoldsville (129)
Richmond Hill FM(131)
Rockmart (106,125)
Rocky Ford #1 (133)
Rome (106,125)
" Russell (106,125)
Rossville (106)
Russell (106)
St. Marys A,FM(131, 133)
St.Simons Isl.T (133)
Savannah R (131)
" Chatham AAF (131)
" Hunter T (131)
" Savannah-Wilmington Island (131)
" West Savannah(125)
Siloam (125)

Smyrna FM (125)
Statesboro (131)
Stone Mountain FM(125)
Swainsboro
" Lindsey (131)
Sylvania (131)
Tallapoosa (125)
Thomaston
" Reginald Grant Memorial (125)
Thomasville AAF (133)
" Com. (133)
Tifton (133)
Toccoa
" Le Tourneau (107)
Trion
" LaFayette-Trion
Turner A.FM (133) (127)

Vada (133)
Valdosta (133)
" Bemiss #3 (133)
" Lake Park #2 (133)
" Moody (133)
" Rocky Ford #1 (133)
Vidalia
" Vidalia Lyons (125)
Warm Springs
" Roosevelt (126)
Warner-Robins
" Robins T (125)
Washington (125)
Waycross AAF (133)
" Civil Air Patrol(133)
Winder (107,125)
Woodbury (126)

IDAHO

Aberdeen (23)
American Falls (23)
Anderson Dam
" Bennett Flgt Strip (22)
Arco (23)*
Big Springs (6)*
Boise
" Air Terminal (22)
" Bradley (22)
" Gowen T (22)
Buhl (23)*
Burley A,R (23)
Caldwell (22)

Cascade (3)
Cayuse Creek (3)
Challis (6)
Coeur d'Alene R (3)
" Air Terminal (3)
" Weeks (3)
Dixie (3)*
" Chamberlain (3)*
Dubois A,R (6)
Eagle FM (22)
" Floating Feather(22)
Emmett (22)
Fairfield,Camas Co.(23)
Glenns Ferry (22)
Gooding H (23)
" (new) (23)
" (old) (23)
Grangeville
" Idaho Co. (3)
Hagerman
" Thousand Springs (23)*
Hailey,Friedman(23)
Hayfield,Tyhee (23)
Idaho Falls A,R (23)
Idahome (23)
Jerome (23)
Kamiah (3)
Kellogg (3)
Knox,Landmark (3)*
Lake,Flying R (6)
Lewiston (3)
McCall (3)
Mackay (23)*
Malad City R A (23)
Montpelier (23)
Mountain Home FM(22)
" AAF (22)
" Site 25,SL-PO (22)
Nampa,Ritchey (22)
Orofino (3)
Paris
" Bear Lake Co. (23)
Parma (22)
" Nyssa (22)
Payette A,FM (3)
Pocatello A,R (23)
" AAF (23)
" University (Ham's) (23)
Preston (23)
Priest River (3)*
Red River Hot Springs Moose Creek (6)
Rexburg (23)
Richfield,Albert (23)
St. Anthony (23)
St. Maries (3)
Salmon (6)
Sandpoint (3)
Shoshone Fly.Bar "S" (23)
Strevell H,A (23)
Tensed
" Tekoa Fly.Club (3)
Twin Falls (23)
Victor (Bennett Fld) (23)*
Weiser (3)

ILLINOIS

Alexander,Negus (31)
Alton,Wadlow (143)
Arcola,Allen (67)
Armington,Medbury(67)

Ashburn LFM (34)
Aurora (141)
Beardstown (31)
Belleville
" Gundlach (143)
" Scott T,R (143)
Bensenville
" Sky Haven (141)
Bloomington (67)
Blue Island,Howell(141)
Blue Mound
" McCoy (67)
Bradford H,A (34)
Cairo,No.Cairo (103)
Carbondale (67)
Carmi,White Co.(67)
Carthage (31)
Casey (67)
Champaign (67)
" Univ.of Ill. (67)
Chanute R,T (67)
Charleston (67)
Chesterfield (31)
Chicago R,T (141)
" Ashburn (141)
" Chicago-Orchard Place (141)
Chicago Heights
" Ashland Ave. (141)
Clinton Fly.Club (67)
Dalton City,Moody(67)
Danville (67)
" Vermilion (67)
Decatur (67)
" Park District (67)
De Kalb
" Interstate (34)
Des Plaines
" Ravenswood (141)
Dixon (34)
East St. Louis
" Parks Metropolitan (143)
" Lakeside (143)
" Parks (143)
Edwardsville (143)
Effingham R,A (67)
" Co. Memorial (67)
Elgin (34)
" Kane County (34)
Elmhurst
" Chicago-Elmhurst (141)
Earlville,Clearview(34)
Fairfield
" B & K Fly.Svc. (67)
Flatt,Hi-Way (31)
Flora (67)
Franklin Park K,FM (34)
Freeport,Albertus(34)
Galesburg (31)
George (67)
Gillespie,H & S (67)
Glenview NAS T,R (34)
" Pal-Waukee (34)
Grayslake (34)
Harvey R (141)
" Rubinkam (141)
Havana,Matanzas (31)
Highland-Winet (67)
Hillsboro (67)
Hinsdale (141)
Homewood
" Washington Park(141)
Hoopeston,Russell's(67)

Horace
" Midway Aviation(67)
Jacksonville (31)
Jerseyville FM (31)
Johnsburg Arpk. (34)
Joliet R,A (139)
Kankakee (34)
La Grange,Stinson(141)
Lansing
" Chicago-Hammond (141)
La Salle,Vogel (34)
Lawrenceville
" George (67)
Lebanon,Cyril Lebert (67)
Lockport
" Lewis-Lockport(141)
Lombard
" York Township(141)
Macomb (31)
Marion (67)
" Macarin (67)
Mattoon (67)
Mendota
" Fitzgerald (34)
Moline R,T (31)
Momence (34)
Monmouth (31)
Morris (34)
Morton (67)
Mt. Carmel
" Beckerman (67)
Mt. Vernon (67)
Murphysboro (67)
Muddy,Denis (67)
Nashville (67)
Newark FM (34)
Northbrook
" Sky Harbor (34)
Oaklawn,Harlem (141)
Olney,Schilt (67)
Ottawa (84)
Paris (67)
Pecatonica (34)
Pekin (67)
Peoria A,R (34,67)
" Mt. Hawley (34)
Polo-Hamilton (34)
Prairie du Rocher(66)
Presbyterian
" Church #3 (67)
Princeton (34)
Quincy (31)
" (new) (31)
Rantoul,Chanute R,T(67)
Roanoke
" Phil-Larry (34)
Rochester
" Fleck's Lakeview(67)
Rockford R (34)
" Machesney (34)
St. Charles (141)*
St. David (31)
St. Elmo
" Smith Aviation (67)
St.Francisville
" Presbyterian Church #3 (67)
Salem,Leckrone(67)
Sandwich (34)
Scott T,R (143)
Shelbyville
" Shelby Co.(67)
Sheldon
" Disosway (34)

Sheldon
" Powell Bros. (34)
South Beloit
" Beloit-So.Beloit(34)
Springfield A,R (67)
Steger,Will Co. (34)
Sterling (34)
Stockton (34)
Streator Air Svc.(34)
Sycamore
" Kishwaukee (34)
Taylorville (67)
Tinley Park
" Prosperi (141)
Tuscola,Cooper (67)
Urbana,Illini (67)
Vandalia Mun. (67)
Van Orin (34)
Warren,Evergreen(34)
Waukegon (34)
" Lake Co. (34)
Wooddale (141)

INDIANA

Advance FM (70)
Anderson (70)
" Ace (70)
" G & C (70)
Angola,Tri-State (35)
Atterbury AAF (70)
Attica (67)
Auburn (35)
Baer (35)
Bargersville (70)
Bedford (70)
" Sky Haven (70)
Bloomingdale
" Port O' the Woods Arpk. (57)
Bloomington (70)
" Campus (70)
" Veterans (70)
Bluffton (35)
Brownsburg (70)
Bunker Hill (70)
Cedar Grove FM (70)
Cedar Lake (34)
Chalmers
" Monticello (35)
Charlestown (70)
Clayton FM (70)
Columbus (70)
" Atterbury AAF (70)
Connersville
" Mettel (70)
Crawfordsville (70)
Crown Point (34)
Culver (35)*
Cynthiana
" Straub (67)
Danville,Mecco (70)

Demotte,Cheever (34)
Dyer,Triangle (139)
Elkhart (35)
Elwood (70)
Emison (67)
Evansville R,T (67)
Fort Wayne R (35)
" Baer (35)
" Myers (35)
" Smith (35)
Frankfort,Lockwood(70)
Franklin Fly.Fld (70)
Freeman (70)

French Lick Springs (70)
Gary (141)
" Lakeside (141)
Goshen A,R (35)
" Midway (35)
Greencastle A,FM(70)
Greenfield FM,A (70)
" Farmers (70)
Greensburg
" Templeton (70)
Greenwood
" White Cloud (70)
Hobart,Gamble (141)
Huntingburg (70)
Huntington (35)
" Wake Field (35)
Indianapolis R,T (70)
" Brightwood (70)
" Hoosier-Park (70)
" Shank's (70)
" Sky Harbor (70)
" Stout T (70)
Jeffersonville,Bush(70)
Kentland (34)
Kingman
" Kingman Fly.Svc.(67)
Knox,Starke Co. (35)
Kokomo,Ruzicka (70)
" Mun. (70)
Lafayette R (70)
" Aretz (70)
" Halsmer (70)
" Purdue Univ. (70)
" Reimer (70)
La Fontaine
" Shaffer's (35)
Lagoda,Himes (70)
Lake Village (34)
Lapel (70)
La Porte (35)
Lawrenceburg (70)
Lebanon (70)
Linton (67)
Lizton (70)
Logansport (35)
" Logan (35)
Lowell FM (34)
Madison
" AAF (Jefferson Proving Gds.)(70)
Marion (70)
" West Side (70)
Martinsville (70)
McCool H,FM,A (141)
Medaryville (35)
Michigan City (35,41)
Milroy (70)
Mishawaka
" Sportsman (35)
Monticello (35)
Mooresville,Owen (70)
Morgantown FM (70)
Mount Vernon (67)
Mulberry,Stair (70)
Muncie (70)
" Delaware (70)
" Reese (70)
New Carlisle,Gordon(35)
New Castle (70)
" Western (70)
Noblesville (70)
North Manchester
" Manchester (35)
North Vernon
" St. Anne #2 (70)

(85)-Page number of chart on which these facilities are inscribed.*-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Markle,Ind FM(35). Kendallville, Ind (35) Jeffersonville, Ind, Jeffersonville-New Albany (70). Madison, Ind, Myers (70).

Notre Dame FM (35)
Oaktown,Emison (67)
Ockley (70)
Orleans
" Silent Brook (70)
Perrysville
" Sportsman (67)
Peru (35)
Plainfield, Loy (70)
Plymouth (35)
Portland,Bringham(70)
" Steed (70)
Ramsey, Bush (70)
Rensselaer (34)
" Jasper Co. (34)
Richland
" Ferguson (67)
Richmond, Com. (70)
" Mun. (70)
" East Richmond (70)
Rochester (35)
Rushville
" Howell Bros. (70)
Salem
" Boss-Denien (70)
Scottsburg (70)
Selma
" Huffman Air Svc.(70)
Seymour,Freeman(70)
" Mapleton (70)
Sheridan
" Black Hawk (70)
Shoals,Stiles (70)
South Bend R (39)
" Bendix T (39)
" Cadet (39)
" Chain Lakes (39)
Stout T (70)
Terre Haute R (67)
" Hulman (67)
" Paul S. Cox (67)
Valparaiso
" Urschell (141)
Vevay (70)
Vincennes,O'Neal (67)
Wabash
" Whittenberger (39)
Warsaw, Smith (35).
Washington (67)
" Mun. (67)
Wellsboro
" Triangle Air Svc.(35)
West Lebanon,Cork(67)
Winchester,Coxey's(70)

Yorktown (70)
Zionsville (70)
" Beck (70)
" Moore (70)

IOWA

Adair (31)
Algona,Sqiresz (31)
Anita,Dreihaler (31)
Ames (31)
Armstrong (31)
Atlantic (31)
" (Mun.) (30)
Audubon Apt.(30)
Bellevue (31)
Burlington A,R (31)
California FM (30)
Carroll (31)
Cedar Rapids (31)
" Hunter (31)
Cedar Rapids,Saxon Centerville (31) (31)
Chariton (31)
Cherokee (30)
Clarinda (30)
Clarion (31)
Clermont (31)
Clinton (31)
Columbus Jct. (31)

Council Bluffs (30)
Creston Arwys (31)*
Davenport,Cram (31)
Decorah
" Tatro Flying Svc.
Denison (30) (31)
Des Moines R,T (31)
" Beaver (31)
Dows (31)
Dubuque (31)
Dunlap (30)
Dyersville Arwys (31)
Earlham FM (31)
Eldora,Emmerts(31)
Elkader Arpk (31)
Emmetsburg,Ryan(31)
Estherville (31)
Fiscus, Briggs (30)
Floyd,Henry's (31)
Fort Dodge, Eno (31)
Fort Madison (31)
Garner, Wicks Fld (31)
Glenwood FM (30)
Grimes, Dodge (31)
Grinnell, Niederhauser Airways (31)
Grand Mound,Grand(31)
Grundy Center (31)
Guthrie Center (31)
Hancock FM (30)
Harlan (30)
Ida Grove,
" Nicholson (30)
Independence (31)
Iowa City A H (31)
Iowa Falls (31)
Jefferson (31)
Keokuk (31)
Lake City (31)
Lamoni (31)
Le Mars, Western Union College (30)
Leon (31)
Lone Tree, Weise Flying Service (31)

Manning (30)
Marshalltown,
" Niederhauser (31)
Mason City A, H (31)
Mechanicsville,
" McVille (31)
Melbourne (31)
" Commercial (31)
Milford, Fuller (30)
Missouri Valley (30)
Moneta, Thorne (30)
Monroe FM (31)
Montezuma (31)
Mt. Ayr, Mt. Ayrport(31)
Mt. Pleasant (31)
Muscatine (31)
Newton (31)
Ocheyedan, John E Peters (30)
Onawa,
" Oliver Ranch (30)
Oskaloosa, Roth Fld(31)
Ottumwa (31)
" NAS T (31)
" Venture (31)
Pella (31)

Pocahontas (31)
Randolph (30)*
Red Oak (30)
Riceville, Mosher (31)
Rock Rapids,
" McKisick (30)
Sac City (31)
Seymour (31)
Sheldon (30)
Shenandoah (30)
Sioux City R, T (30)
Sloane FM (30)
Spencer (30)
" Hart (30)
Spirit Lake
" Okoboji Airways (30)
Storm Lake (30)
Strawberry Pt., Goodrich & Gross (31)
Stuart (31)
Sutherland,Liberty (30)
Traer (31)
Washington (31)
Waterloo (31)
" Canfield (31)
" Chapman (31)
Webster City (31)
Wesley (31)
Winterset (31)

KANSAS

Abilene (62)
" Wright Arpk. (62)
Anthony A. H (62)
Arkansas City (62)
" Baird (62)
Ashland (59)
Atchinson, Hawk's (30)
Atwood (27)
Augusta, Hilltop (62)
Belleville (30)
Beloit, Moritz (30)
Bern (30)
Brewster,
" Eddie Hutton (27)
Caldwell (62)
Cassoday (62)
Cedar Pt., Clothier(62)
Chanute A, R (63)
Clay Center (30)
" Wood Airpark (30)
Coffeyville
" Mun. # 1 (63)
" Mun. # 2 (63)
" Edgewood (63)
" Ferguson Fly.Fld(63)
Colby (27)
Coldwater, Stark (59)
Concordia, Blosser (30)
Derby (62)
Desota FM (31)
Dodge City A, H (59)
" AAF (59)
" Dodge City # 4 (59)
Downs (30)
Edwardsville,Fisher(31)
El Dorado (62)
" Frasier (62)
Ellinwood (62)
Emporia (62)
Eureka (62)
Fairfax T (31)
Ft Leavenworth,
" Sherman T (31)
Ft. Riley,
" Marshall R, T (30)
Fort Scott (63)
Fredonia (63)
Garden City A, R (59)
" AAF (59)
" # 1 (59)
" # 2 (59)
" # 3 (59)
Gardner (63)*
Garnett, Mader (63)*
Girard (63)
Goodland A, H, R (27)
Great Bend AAF (59)
" Airpark (62)
Greensburg (59)
Hays (59)
" Walker (59)
Hazelton,Strickland(62)
Herington (62)
" AAF (62)
Hiawatha, (30)
Hoisington,
" Giffin-Orton (62)
Holyrood (62)
Hutchinson A, R (62)
" Commercial (62)
" NAS (62)
Independence (63)
" AAF T (63)
" # 3 (63)
" # 9 (63)
Iola (63)
Johnson (59)
Kansas City,
" Fairfax T (31)
Kechi FM (62)
Kingman (62)

Kiowa Fly. Service (62)
Lakin, Puckett's (59)
Larkinburg (30)
Larned (59)
Lawrence (30)
Leavenworth
" LeCompton (31)
Lebo A, R (63)
Lenexa, Allman (63)
Lenora (27)*
Liberal (59)
" Glenn Martin (59)
McPherson (62)
" JanssenSkytell (62)
Manhattan (30)
" Mankan (30)
" Pottawatomie (30)
Mankato (30)
Marion (62)
Marshall R, T (30)
Meade (59)
Medicine Lodge (62)
Morland R (27)
Moundridge (62)
Newton (62)
Norton (30)
Oberlin (27)
Olathe, Hall's (63)
" NAS R, T (63)
" OLF # 2 (63)
" OLF # 4 (63)
" OLF # 7 (63)
" OLF # 9 (63)
Ottawa (63)
" Conard (63)
Oxford FM (62)
Paola FM (63)
Parsons (63)
Phillipsburg (30)
Pittsburg
" Atkinson (63)
Plains (59)
Pratt (62)
" AAF (62)
Russell (59)
St. Francis (27)
Salina A, R (62)
" Sky Village (62)
" Smoky Hill R, T
Satanta (59) (62)
Scott City (59)
Sedan, Walters (62)
Seneca (30)
Sharon Springs (59)
Sherman T (31)
Smith Center (30)
Smoky Hill T (62)
South (62)
Stafford (62)
Stanley, State Line Arpk. (63)
Summerfield (30)
Syracuse (59)
" Int. (59)
Topeka R, T (63)
" Huntoon (30)
" Phillip Billard T(30)
Towanda FM (62)
Viola FM (62)
Wakefield, Elkins (30)
Waldo R (30)
Walker (59)
Wellington (62)
Wellsville, Gault (63)
Wichita R, T (62)
" Arther Airfield (62)
" Beech (62)
" Cannon Ball (62)
" Cessna Aircraft (62)
" Culver (62)
" Ken-Mar Arpk (62)
" Rawdon (62)
" Riverside (62)
" University (62)
" Wilson (62)
Winfield (62)
" South (62)
" Strother (62)

KENTUCKY

Ashland (71)
Bowling Green A, R
Campbell (103) (106)
Covington, Greater Cincinnati T (70)
Danville, Goodall (70)
Eastwood FM (70)
Fort Knox,
" Godman R, T (70)
Frankfort,
" Silver Lake (70)
Glendale (70)
Godman R, T (70)
Greenville
" Western Ky. (103)
Henderson Arpk. (67)
Hopkinsville
" Campbell AAF (103)

" Garnett (103)
Lebanon (70)
Lexington
" Blue Grass (70)
" Cool Meadow (70)
London
" Jody (107)
Louisville R (70)
" Bowman T (70)
" Riverside (70)
" Standiford (70)
Madisonville (67)
Mayfield
" Graves Co. (103)
Maysville (71)
Middlesboro (107)
Monticello
" Rice (106)
Owensboro (67)
Paducah
" McCracken Co. (103)
" Howell (103)
Paris (70)
Russell
" Abken(71)
Shelbyville
" Shelby (70)
Shepherdsville FM (70)
Somerset (106)
Sturgis (67)
Sulphur FM (70)
Union FM (70)
Warsaw (70)

LOUISIANA

Alexandria A, R (119)
" Esler (121,127)
" McArthur (119)
Arcadia (99)
Barataria FM (127)
Bastrop
" Northeast Aviation Service (99)
Baton Rouge R (127)
" East Baton Rouge Parish (127)
" Harding (127)
" Pike Burden Arpk. (127)
Bogalusa (127)
Camp Polk
" N Camp Polk (119)
" S Camp Polk (119)
Covington (127)
" K-P (127)
Crowley
" LeGros Memr'l (119)
Delhi Flying Service (102)
De Quincy (119)*
De Ridder (119)
Dixie FM (99)
Donaldsonville (127)
Esler (121)
Eunice (120)
Ferriday (121,127)
Gilbert
" Gardner (121)
Grand Isle (127)
Hammond (127)
Hodge (119)
Houma (127)
Jennings (119)
Lafayette A,H (127)
" Girard (127)
Lake Charles A,R(119)
" AAF T (119)
" N Lake Charles(119)
LaPlace FM (127)
Leesville Landing Strip (119)
Madisonville FM (127)
Mansfield
" De Soto Parish (119)
Many
" Hart (119)*
Minden (99)
Moisant Intern'l T (127)
Monroe A,R (102)
" Selman (102)
Natchitoches (119)
Newellton (121)
" Burnside & McDonald
New Iberia
" Iberia Parish (127)
" Texaco (127) (127)
New Orleans FM, R,T
" Alvin Callender (127)
" Chapman (127)
" NAS (127)
" Menefee (127)
" Moisant Inter'l T (127)
New Roads
" False River (127)
North Camp Polk (119)
Oakdale (119)*
Opelousas (127)
Patterson
" Harry P Williams Memorial (127)
Pollock (119)
Ruston (102)
St. Joseph
" Castle (121)
Shreveport R,T (99)
" Barksdale R,T (99)

" Lucien (99)
" Arpk. (99)
South Camp Polk (119)
Tallulah (102)
Winnfield
" David G Joyce (119)
Winnsboro (121)

MAINE

Andover (18)*
Auburn
" Greenlaw (18)
" Lewiston-Auburn (18)
Augusta A,R (18)
Bangor R (18)
" Dow T (18)
Bar Harbor (18)
Belfast (18)
Bethel (18)
Biddeford (46)
Bowdoinham
" Merrymeeting (46)
Brewer
" Doanes (18)
Brunswick
" Douglas (46)
Brunswick
" NAS (46)
" Riverside (46)
Caribou (18)
Deblois Flight Strip (18)
Dexter (18)
Dow T (18)
East Corinth FM (18)
Eastport (18)
Farmington (18)
Freeport
" Stover (46)
Fryeburg Arpk. (18)
Greenville (18)
Houlton A,R(18)
Kennebunk (46)
La Grange
" Bishop Fld. (18)
Lewiston
" Guertin (18)
Limestone FM (18)
Madison
" Weston (18)*
Millinocket A,R (18)
Minot
" Maheux (18)
Newport (18)
Norridgewock (18)
Norway (18)
Old Town (18)
Phillips
" Raymond's (18)
Pittsfield (18)
Pittston (18)
Portland A,R (46)
Presque Isle R,T (18)
Princeton (18)
Rangeley (18)
Rockland (18)
Sanford (46)
Scarboro (46)
Skowhegan
" Tomlinson (18)
South Portland
" Port of Maine (46)
Turner
" Rollins (18)
Waterville (18)
West Buxton
" Hilltip (46)
Winterport
" Roy L. Fernald (18)

MARYLAND

Aberdeen (75)
" Phillips T (75)
Andrews R,T(78)
Annapolis T (75)
" Lee Annapolis (75)
Baltimore R,T (75)
" Martin T (75)
" Pimlico (75)
" Rutherford (75)
Beltsville FM, A (78)
Berwyn
" Capital (78)
Brandywine
" Curtis (78)
Camp Springs T (78)
" Andrews R (78)
Churchville
" Aldino (75)
Clinton
" Hyde (78)
College Park (78)
Croom
" Columbia Air Center (78)
Cumberland (74)
" Mexico Farms (74)
Doncaster FM (75)
Easton
" Webb (75)
Edgewood Arsenal (75)
Fort Meade (78)
Frederick
" Stevens (75)
" Frederick City (75)
Glenburnie
" Whipp (75)
Greenbelt
" Schrom (78)
Hagerstown (75)
Hyattsville
" Queens Chapel (78)
Meekins Neck FM(75)
Ocean City
" Hickman (75)
Patuxent River R,T(75)
Phillips T (75)
Piney Point (75)
Pomonkey
" Maryland (78)
Priest Point
" Webster T (75)
Riverdale
" Erco (78)
Rock Hall
" Faybrook (75)
Rockville
" Congressional (78)
Salisbury (75)
" Delmarvia (75)
Shady Side (75)*
Taneytown (75)
Webster T (75)
Westminister, CAP(75)
Worton
" Andelot (75)
" Kent (75)

MASSACHUSETTS

Adams (43)
Agawam Land & Seaplane Base (43)
" Bowles (43)
Auburn (46)
Ayer (46)
Bedford H,T (46)
Beverly (46)
Billerica
" Shawsheen Pines(46)
Boston R (46)
" Logan T (46)
Brant Rock FM (46)
Brockton (46)
Brookfield (43)
Canton
" Boston-Metro (46)
Chatham (46)
Chicopee Falls
" Westover R,T (43)
Clinton, Bolton (46)
Dedham FM (46)
Dracut,Richardson(46)
East Brookfield (43)
Easton FM (46)
Edgartown (46)
Essex,North Shore(46)
Everett FM (46)
Falmouth, Otis (46)
Fitchburg (46)
Franklin FM (46)
Gardner (43)
Great Barrington (43)
Groton (46)
Haverhill (46)
Hyannis (46)
Lawrence (46)
Leicester (46)
Mansfield (46)
" Clifford Sherman Memorial (46)
Marlboro (46)
Mendon (46)
Montague
" Turners Falls (43)
Myricks (46)
Nantucket Isl. (46)
New Bedford (46)
Newburyport
" Plum Island (46)
Norfolk
" Franklin-Norfolk(46)
North Adams
" Stevens (43)
Northampton
" LaFleur (43)
" Pilgrim (43)
North Attleboro
" Wilkins Fly.Fld(46)
North Brookfield
" Hiller (43)
North Grafton
" Grafton (46)
Norwood (46)
Oak Bluffs (46)
Orange (43)
Orleans
" Eastham Thunderbird (46)
Otis (46)
Palmer
" Metropolitan (43)
Peabody FM (46)
Pittsfield (43)
Plymouth (46)
" OLF (46)
Revere (46)
Seekonk
" Providence (46)
South Boston LFM (46)
Southbridge (43)
South Easton,Ames(46)
South Weymouth T (46)
Spencer (46)
Springfield (43)
Squantum R,T (46)
Taunton,King (46)
Vineyard Haven
" Martha's Vineyard (46)
Wareham,Co.Club(46)*
West Barnstable
" Cape Cod (46)
Westboro (46)
Westfield R (43)
" Barnes (43)
Westover R,T (43)
West Springfield (43)
Williamstown
" Fair View Farm (43)
Worcester (46)

MICHIGAN

Adrian,Adrain City (38)
Allegan (35)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Benton,Me, Fernald (18) Barre Plains, Mass, Hiller (43). Syracuse, Ind. Spink-Wawasee (35).

Alma (35)
Alpena (15)
" Scheidler (15)
Amasa (15)*
Ann Arbor (38)
" Washtenaw (38)
Armada,Center (38)
Atlanta (15)
AuGres (15)*
Baldwin (15)*
Bangor FM (35)
Battle Creek R (35)
" Kellogg (35)
Bay City
" Clements(38)
Belding Flyers (35)
Bellaire (15)*
Benton Harbor
" Twin City-Ross (35)
Big Beaver (38)
Big Lake (15)*
Big Rapids
" Mescota Co. (35)
Birmingham,Berz (38)
Blaney,Blaney Park(15)
Breedsville (35)
Cadillac H,A (15)
Calumet
" Houghton Co. (15)
Caro (38)
Center ville
" St. Joseph Co. (35)*
Charlevoix (15)
Charlotte,Beach (35)
Clare,Doherty (15)*
Clio, West's (38)
Coldwater,Legg (35)
Croswell
" Croswell City (38)
Crystall Falls
" Dr.A.L.Haight (15)
Davison,Seely's (38)
Detroit K (38)
" Burns (38)
" Detroit City T (38)
" Ford (38)
" NAS (38)
" Nat'l Fly.Svc. (38)
" Thomas B.Joy (38)
Douglas
" Sangatuck-Douglas (35)
Dowagiac
" Cass Co.Mem'l.(35)
East Jordan (15)*
Eaton Rapids,Miller
Elsie (35)
Escanaba (15)
Farmington
" Kerst-Port (38)
Flat Rock,Nanbar (38)
Flint H (38)
" Bishop T (38)
Flushing,Dalton (38)
Fostoria,Forrest (38)
Frankfort (15)
Fraser,McKinley (38)
Galesburg
" Avia.Co.Club (35)
Gaylord,Sky Harbor(15)
" Otsego Co. (15)
Gladwin A,H (15)
Grand Ledge
" Abrams (35)
Grand Rapids R (35)
" Kent Co. (35)
Grayling (15)
" Masons (15)
Greenville
" Montcalm Co. (35)
Harbor Beach
" Poschke's Harbor Beach (15)*
Harrison (15)*
Hartford
" Leach Aero Svc. (35)
Hastings (35)
Hillman (15)
Hillsdale (35)
Holland
" Park Township (35)
Houghton
" Isle Royale Sands(15)
Houghton Heights
" Houghton Lake (15)
Howell (38)
Indian River
" Calvin Campbell
Ionia (35) (15)*
Iron Mountain,Ford(15)
Ironwood,Gogebic (14)
Ishpeming-Dexter(15)*
Ithaca,Johnsons (35)
Jackson H (35)
" Reynolds (35)
Kalamazoo
" Austin Lake (35)
" Lindbergh (35)
Kalkaska (15)*
Kinross (15)
Lakeview (35)
Lansing R (35)
" Capital City (35)
Lapeer (38)
Lawton,Marks (35)
Loretto
" Norway Twnship
Ludington (15)*
" Mason County (15)
Mackinaw City (15)*
Manistee-Blacker (15)
Manistique
" School-Craft Co.
" Steuben (15)* (15)*
Marenisco (15)*
Marquette Co. (15)
Marshall,Brooks (35)
Mason, Hewett (35)
Menominee Co. (15)
Midland,Barstow (35)
Milan (38)
Mio (15)*
Mt. Clemens
" Selfridge (38) R,T
Mt. Pleasant (35)
Munising,Alger Co.(15)*
Muskegon R (35)
" Muskegon Co. (35)
" Northside (35)
Newaygo (35)
Newberry,Luce Co.
Newport (38) (15)*
" Monroe (38)
Niles (35)
Norway,Northland (15)
Onaway (15)*
Oscoda (15)
Owosso
" Shiawassee Co. (35)
Pellston H (15)
" Emmet Co. (15)
Petoskey,Harb.Spgs(15)*
Plymouth
" Mettetal (38)
" Triangle (38)
Pontiac, Allen's (38)
" Pontiac (38)
Port Huron,Baker's(38)
" St. Clair Co.(38)
Prudenville
" Roscommon Co.(15)*
Raco (15)
Rexton,D.A.R. (15)*
Rogers City
" Presque Isle Co. (15)
Romulus R (38)
" AAF (38)
Roscommon (15)*
Roseville (38)
Rothbury,Oceana (35)
Saginaw A,H (38)
" Barry (35)
" Skyhaven (38)
" Tri City (35)
Saline FM (38)
St. Helen (15)
St.Ignace
" Mackinac Co. (15)
St. James
" Beaver Island (15)*
Saulte Ste.Marie A,R(15)
Selfridge R,T (38)
Sidnaw,Prickett (15)*
South Branch
" Timbers Sky Camp (15)
South Haven,City (35)
Sparta (35)
Sturgis,Kirsch (35)
Tecumseh (38)
Three Rivers
" Dr.Haines Fly.Fld(35)
Traverse City A,R (15)
Utica,Wings (38)
Warren (38)
Watersmeet (15)*
Wayne
" Hartsell Air Term.(38)
" Stinson (38)
West Branch
" La Porte (15)
White Cloud (35)*
Wildwood
" Pet-O-Se-Ga (15)
Wixom FM (38)
Wyandotte,Hance (38)
Ypsilanti H (38)
" Gridley (38)
" McEnnan (38)
" Willow Run T (38)

MINNESOTA

Aitkin, Wyman (14)
Albert Lea (31)
Alexandria A,R (11)
Amboy (31)
Anoka Fly.Svc. (14)
Appleton (11)
Austin, Decker (31)
Barnesville FM (11)
Baudette (14)
Bemidji (14)
Benson (11)
Blue Earth (31)
Brainerd (14)
Camp Ripley (14)
Cokato,Anderson (14)
Coleraine (14)
Crookston (11)
Detroit Lakes (11)
Dodge Center
" Pleasant Corners(14)
Duluth R (14)
" Williamson-Johnson (14)
Ely (14)
Fairmont (31)
Faribault (14)
Fergus Falls (11)
Fleming (14)
Frontenac
" Lake City (14)
Graceville (11)
Grand Rapids (14)
" Otis Lodge (14)
Hamel FM (14)
Hastings FM (14)
Hector (14)
Hibbing (14)
Jordan FM (14)
Kenyon (14)
Le Sueur (14)
Little Falls
" Camp Ripley (14)
Littlefork (14)
Litchfield (14)
Luverne
" McDowell Sky Ranch (30)
Madison (11)
Mankato (14)
Marshall (11)
Mayer
" Sells Flying Fld.(14)*
Minneapolis R (14)
" Cedar (14)
" Flying Cloud (14)
" Victory (14)
" Wold Chamberlain T (14)
Montevideo (11)
Monticello (14)
Morris (11)
New Brighton
" Univ. of Minn. (14)
Nisswa
" Heywood Gull Lake
New Ulm (14) (14)
Ortonville (11)
Ossco Landing Fld.(14)
Owatonna (14)
Park Rapids (11)
Pipestone (30)
Princeton (14)
Redwood Falls (11)
Robbinsdale (14)
Rochester R,T (31)
St. Cloud
" Whitney Mem'l. (14)
St. Paul (14)
St. Peter (14)
Sherburn (31)
So. St. Paul
" Fleming (14)
Stanton,Carleton(14)
Taylor Falls (14)
Thief River Falls (11)
Tofte,Gervais (14)
Triumph,Tri-Mont (31)
Virginia (14)
Wadena (11)
Waseca (14)
Westbrook (11)
White Bear Lake
" Northport (14)
Willmar R,A (11)
Winona (14)
Worthington (30)

MISSISSIPPI

Aberdeen,Stinson(123)
Batesville (102,123)
Biloxi,Keesler R,T (127)
Brookhaven,Ulmer (121,127)
Canton, Lee (123)*
Clarksdale (102)
" Fletcher (102)
Cleveland (102)
Columbus (123)
" Masonic (123)
Corinth (103)
Ellisville (127)*
Eupora (123)
Flora FM (123)
" Childress (102)
Florence FM (121,123)
Forest (123)
Glen Allan,Skinner(102)
Greenville, Mun. (102)
" Cypress (102)
" Dixie Dusting Co(102)
" Greenville AAF(102)
Greenwood R (102,123)
" Mun. (102,123)
" AAF (102,123)
Grenada (123)
Gulfport AAF (127)
" Mun. (127)
Hattiesburg
" Glendale (127)
" Hattiesburg AAF(127)
Heads, Cole (102)*
Houston (123)
Jackson R,T (121,123)
" Augustine(102)*(123)
" East Jackson(121,123)
" Hinds Co. (121)
" North Jackson (102) (123)
Laurel (127)
Leland (102)
" Lakeview (102)
Louisville Air Svc.(123)
McComb (121,127)
McLaurin (127)
Marks (102)
Meridian R (123)
" Bonita (123)
" Key (123)
" Lauderdale Civil(123)
Moorhead,Everett(102)
Natchez (121,127)
" Sharpe (121,127)
Nesbitt FM (102)
Newton,O'Keefe (123)*
Oxford (102,123)
Pascagoula
" Jackson Co. (127)
Pelatchee FM (123)
Picayune (127)
Rockport (121,123)
Starkville (123)
" Oktibbeha (123)
Stinson (123)
Tupelo
" Carrol Cone(102,123)
Tylertown (121,127)
Vicksburg A,H (102)
Walls,Sanders (102)
Winona (123)
Yazoo City,County(102)
Yokena
" LeTourneau (121)
Zeiglerville (102,123)

MISSOURI

Advance A,R (103)
Bethany,Fordyce (31)
Bolivar (63)
Boonville (66)
Bowling Green (31)
Branson (63)*
Butler (63)
Cabool (66)
Cameron (31)
Campbell,Ramsey (66)
Cape Girardeau
" Cape Commercial (103)
" Harris (103)
Carthage (63)
Cassville (63)
Charleston (103)
Chillicothe H A (31)
" Bailey's (31)
Clinton (63)
Columbia R,A (66)
Craig (30)
Diamond (63)
Ellisville (143)
Excelsior Spgs FM(31)
Farmington (66)
" Fly. Service (66)
Fayette Fly.Fld. (31)
Fenton,
" Sylvan Beach (143)
Festus, Lucas (66)
Fulton (66)
Gallatin,Daviess (31)
Garden City,Wright(63)
Gideon (103)
Grant City
" Edwards Arpk (31)
Gravois Mills
" Mel Adkins Resort (66)*
Hannibal (31)
Harrisonville (63)
Houston, King (66)
Iberia, Eads (66)
Independence (31)
Jefferson City (66)
Joplin A,R (63)
Kansas City R,T (31)
" Heart of America(31)
" Kans.City Grandview (63)
" Ong (63,31)
Kennett (66)
" Sexton (66)
Kirksville A R (31)
" Arpk (31)
Kirkwood,Weiss (143)
Knobnoster
" Sedalia (63)
Lebanon (66)
Lexington (31)
Linkville FM (31)
Luray (31)
McBride,Chester (67)
Machens (143)*
Malden AAF (103)
" Dexter (103)
" Gideon (103)
Marceline (31)
Marshall H,A (31)
" Nicholas (31)
Maryville (32)
Mexico,Green (31)
Moberly,Bradley(31)
Monett (63)
Neosho (63) com.
" mun. (63)
Neubeiser (143)
Nevada (63)
New Florence H,A (66)
Osborn (31)
Popular Bluffs,Earl(66)
Rolla (66)
St.Charles,Kratz(143)
" St. Charles (143)
St.Joseph R (31)
" Rosecrans T (31)
St. Louis R (143)
" Black Walnut (143)
" Creve Coeur (143)
" Lambert-St.Louis T
" Ross (143) (143)
" Neubeiser (143)
" Starling (143)
St. Peters FM(66)
Savannah (31)
Sedalia (63)
" AAF (63)
Sikeston
" Harvey Parks (103)*
Slater (31)
Spanish Lake K,FM (66,143)
Springfield A,R (63)
" McFarland Fly.Svc. (63)
" Queen City (63)
Tarkio H,A (30)
Trenton,Vaughn (31)
Unionville Arwys (31)
Valley Park
" Meramec (143)
Versailles (66)
Vichy R A (66)
Warrensburg (63)
West Plains
" Sky Haven (66)
Windsor,Huston (63)

MONTANA

Alberton FM (6)
Baker (10)
Belt FM (6)
Big Timber (7)
Billings R,T,LFM (7)
Birney
" Bones Bros Ranch
Bozeman R (6) (7)*
" Gallatin (6)
Butte A,R (6)
Cascade FM (6)
" Bob Gordon (6)
Chester (6)
Chinook (7)*
Choteau (6)
Circle (7)
Columbus (7)
Conrad (6)
Custer R,A (7)
Cut Bank A,R (6)
Deer Lodge (6)
Dell Flight Strip (6)
Denton (7)
Dillon R,A (6)
Drummond R,A (6)
Ennis (6)*
Eureka (3)
Flathead Nat'l Forest
" Basin Creek (6)*
" Big Prairie (6)*
" Black Bear (6)*
" Condon (6)*
" Holbrook (6)*
" Meadow Creek (6)*
" Schaeffer (6)*
" Spotted Bear (6)*
Forsyth (7)
Fort Benton (6)
Fort Peck (7)
Gardiner (6)
Gates Park (6)*
Geraldine,Tanner (6)
" Geraldine (6)
Geyser (6)
Glasgow,Valley Co.(7)
Glendive (10)
Great Falls R,T (6)
" AAF T (6)
Gregson
" Rainbow Skyport(6)
Hamilton (6)
Hardin
" Big Horn Co. (7)*
" Zelka (7)*
Harlem (7)
Harlowton (7)
Havre City-Co. (7)
Helena R,T (7)
Homestake LFM (6)
Hot Springs (6)*
Huson,Six Mile (6)*
Ingomar (7)*
Jordan (7)*
Kalispell (6)
" Flathead Co. (6)
Lavina (7)
Lewistown A,R (7)
Libby (3)
Livingston A,R (6)
" Int. (6)
Malta Arpk (7)
McDonald FM (6)
Mildred (7)
Miles City A,R (7)
Missoula R (6)
" Hale (6)
" Missoula Co. (6)
Moore (7)
Mullan Pass R (3)
Nibbe FM (7)
Park City FM (7)
Plains (6)
Plentywood (10)
Polesbridge
" Quarter Circle M.C. Ranch (6)*
Polson (6)
Poplar (7)*
Rapelje (7)
Red Lodge (7)
Roundup (7)
St.Xavier (7)
Scobey (7)
Seeley Lake (6)*
Shelby,Toole Co.(6)
Sheridan (7)
Sidney (10)
Stanford FM (6)
Stevensville (6)
Superior R,A (6)
Tampico,Etchart (7)
Thompson Falls (3)
Townsend (6)
Troy (6)*
Twin Bridges (6)
Valier (6)
Vida, Vine (7)
West Yellowstone (6)
Whitehall R,A (6)
Whitetail FM (6)
White Sulphur Spgs (6)
Winston FM (6)
Wolf Point (7)
" Gustafson-Anderson (7)

NEBRASKA

Ainsworth (30)
Alliance AAF (27)
" Mun. (27)
Atkinson (30)
Auburn (30)
Bayard (27)
Beatrice (30)
Beaver City,Hewett's(30)
Benkelman (27)
Big Springs (27)
Blair (30)
Brainard (30)
Broken Bow (30)
Bruning (30)
" Hawks (30)
Chadron H,A (27)
Chappell (27)
Clay Center (30)
Columbus (30)
Cozed,100th Meridian
Crawford (27) (30)
Crete (30)
David City (30)
Decatur,Eagleton (30)
Elgin (30)
Fairbury (30)
Falls City (30)
Fort Robinson (27)
Fremont (30)
Geneva,Fairmont (30)
Gordon (27)
Gothenburg (27)
Grand Island R,T (30)
" Central (30)
Harvard (30)
Hastings (30)
" Sky Ranch (30)
Hayes Center R,A (27)
Hay Springs (27)
Hebron (30)
Holdrege (30)
Humboldt,Hew's (30)
Imperial (27)
Kearney (30)
" AAF H,T (30)
Lexington (30)
Lincoln A,R (30)
" Arrow (30)
" Union (30)
" Waverly (30)
Lorenzo (27)
McCook (27)
" AAF (27)
Mead FM (30)
Mitchell (27)
Norfolk (30)
North Platte R (27)
" Lee Bird (27)
Offutt T (30)
Ogallala (27)
Ohiowa (30)
Omaha R,T (30)
" Clear Ridge (30)
" Offutt T (30)
Ord (30)
Oshkosh (27)
Overton (30)
Pender (30)
Potter,Idle Acres (27)
Republican City (30)
Rushville,Modisett(27)*
Schuyler (30)
Scottsbluff R,A (27)
Scribner (30)
Seneca (27)
Sidney H,A (27)
" Schwartz-Johnson(27)
Stuart,Skrdla (30)
Tecumseh (30)
Valentine (27)*
Valley (30)
Wayne (30)
Weeping Water
" Steckley Co. (30)
West Point (30)

NEVADA

Alamo,Pahranagat(54)*
Austin (22,51)
Battle Mountain A,R (22)
" Flight Strip (22)
Boulder City (54)
Buffalo Valley (22)
Caliente (54)
Carlin FM (22)
Carson City (51,22)
Crystal FM (54)
Deeth FM (22)
Elko R (22)
" Keddie (22)
Ely, Yelland (23)
Fallon A,R (51,22)
" Lahontan (51,22)
Fernley (51,22)
" Lahontan (51,22)
Gabbs (51)
Genoa,Tahoe Sky Harb.
Goodsprings FM(54) (51)
Hawthorne (51)
Humboldt R,A (22)
Indian Springs (54)
Las Vegas T,R (54)
" Alamo (54)
" Ranch Club (54)
" Sky Haven (54)
Lovelock (22,51)
" Int. (22,51)
Manhattan (51)*
Minden
" Douglas-Tahoe (51)
Mormon Mesa (54)
Orovada (22)*
Owyhee (22)
Reno R A (51,22)
" Hubbard T (51,22)
Scottys (51)
Searchlight (54)*
Smith,Smith Val'y (51)
Sparks (22, 51)
" Reno Sky Ranch (22,51)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Tutwiler, Miss. L.B. Strange Flying Service (102). Maple Rapids, Mich. (35). Paw Paw, Mich. (35). Aitkin Mun, Minn (14). Grace, Miss. Woodside (102). Comstock Park, Mich, Grand River (35). Philadelphia, Miss. Friendly Flying Service (123)

Tonopah A,R (51)
" AAF (51)
" Bomb.& Gun.Rng(51)
Ventosa (23)
Wadsworth FM (22)
Wells (23)
Winnemucca (22)
" Int. (22)
Yerington (22,51)

NEW HAMPSHIRE

Berlin (18)
Boscawen FM (46)
Claremont (43)
Concord R, A (46)
" Merrimack Bay (18)
Grenier R,T (46)
Haverhill,Mem'l.(18)
Hampton (46)
Hinsdale,Brattleboro Hinsdale Arpt. (43)
Hooksett Land & Seapl. (46)
Keene (43)
" Dillant-Hopkins (43)
Laconia (46)
Lebanon A,H (43)
Littleton, Lewis (18)
Manchester,Grenier R,T (46)
Nashua, Boire (46)
" Gate City Arpk (46)
"Webster Arwys (46)
Newport (43)
North Conway, White Mountain (18)
Plymouth (46)
Portsmouth (46)
Sommersworth,Wayside (46)
Twin Mtn. (18)
Whitefield (18)
Wolfeboro,Lakes Region (46)

NEW JERSEY

Adamston,Ocean Co.
Almonesson (79)
Andover,Trinca(79)
Asbury Park FM,A(79)
Ashland,Echelon (79)
Atlantic City (79)
" NAS T (79)
Auburn,Woodstown (75)
Barrington,Merrill (78)
Basking Ridge Sommerset Hills (79)
Belmar,Monmouth Co(7
Belvidere,Martins Creek (42)
Bendix,Teterboro T (79)
Blairstown,Lake Susquehanna (42,79)
Boonton,Acft Rdo Corp.
Bridgeport (78) (79)
Bridgeton,Buck's (75)
Burlington (78)
Caldwell-Wright T (79)
Camden, Central (78)
Cape May (79)
" Courthouse Smith(79)
Cassville LFM (79)
Chatsworth,Coyle (79)*
Clarksville,Nassau(79)
Clinton,NW Jersey (79)
East Hanover (79)
Elizabeth LFM (79)
Forked River A,FM(79)
Fort Dix (79)
Freehold FM (79)
Glassboro,Triangle(78)
Greenwich (75)
Hackettstown (79)
Hightstown (79)
Lakehurst R,T (79)
Lakewood (79)
Landisville,Downstown
Lebanon FM(79) (79)
Lincoln Park (79)
Marlton-Medford (78)
Matawan R (79)
Metuchen FM (79)
Millville A,R (75)
Moorestown (78)
Morristown (79)
Newark R,T (79)
New Brunswick,Hadley (79)
North Brunswick (79)
Ocean City,Clarke(79)*
Paterson,Murchio (79)
Pennington (79)
Penns Grove (75)
Pitman (78)
Pittstown,Alexandria(75)
Princeton (79)
Rahway,Westfield (79)
Readington,Solberg-Hunterdon (79)
Red Bank (79)
Richland,Cavolios (79)
Salem (75)
Sommerville,Somerset
Sussex (43) (79)
Trenton (79)*
" Mercer Co.(old)(78,79)
" Trenton (new)(78,79)
Vineland,Kroelinger(75)
Wildwood (79)
Woodbury (78)
Woodbine (79)
Woodbridge,Shinn-Woodbridge(79)
Wrightstown,Ft.Dix(79)

NEW MEXICO

Acomita A,R (55)
Alamogordo A,R (90)
" AAF (87)
Albuquerque A,R (58)
" Alameda (58)
" Cutter-Carr #2(58)
" Graham Bell (58)
" Kirtland T (58)
" Sky Court (58)
" West Mesa (58)
Anton Chico (58)
Artesia (90)
Aztec (55)*
Belen FM (58)
" Art Goebel (58)
Bernno,Valley (87)
Carlsbad A,R (90)
" Mun. (90)
" Carlsbad #1 (90)
" John J. Small (90)
" Tracy (90)
Carrizozo (90)
Clayton (58)
Clovis R,A,H (58)
" AAF T, (58)
" Hillcrest (58)
Columbus R,A (87)
Cubero (55)*
Cuervo (58)
" Holbrook's (58)*
Deming Arpk (87)
" AAF (87)
" Deming South (87)
" Deming Ctr. (87)
Dora (90)
Eagle Nest (58)*
El Morro R,A (55)
Engle R,A (87)
Farmington (55)
Ft. Sumner (58)
" #5 (58)
Gallup (55)
" Gallup City (55)
Hachita (87)
Harrington Ranch FM (87)
Hobbs R,A (91)
" AAF T (91)
" Me-Tex (91)
Hot Springs (87)
Hurley (87)
Jal, Continental (91)*
Juan Tomas FM (58)
Las Cruces (87)*
" Mun. (87)
" Int. (87)
Las Vegas A,R (58)
Lordsburg (86)
Lovington (90)
Magdalena (58)
Maxwell A,FM (58)
Mesilla Park,State College (87)
Mulnesand,Fly.M.(90)
Mountainair (58)
Mt. Riley (87)
Otto R, A (58)
Peralta FM (58)
Portales (58)
Raton, Crews (58)
Rodeo R,A (86)
Roswell (90)
" Com. (90)
" B& B (90)
" AAF R,T (90)
" AAF #3 (90)
Roy (58)*
Ruidoso,Parker (90)
" Flying Svc. (90)
Santa Fe (new) H,A
" (old) (58) (58)
Shiprock,Indian Svc
Silver City (87)* (55)*
" Whitehill (87)
Socorro (58)
Strauss, Jundt (87)
Taos (58)
Tucumcari A,R (58)
Tularosa (87)*
Wagon Mound (58)

NEW YORK

Accord (43)
" Cliff Haven (43)
Albany A,R (43)
Amityville,Zahns(79)
Angola A,FM (39)
Amsterdam (43)
Arcade (39)
Armonk,Westchester
Auburn (42) (43)
Auriesville FM (43)
Ballston Spa (43)
Batavia (39)
Bayport,Davis (79)*
Bedford,White (43)*
Beekman,Lime Ridge (43)
Bethpage,Grumman T (79)
Billings,Freedom Plains (43)
Binghamton (42)
Blasdell-Hayes (39)
Boonville (42)
Brentwood,Bender(79)*
Buffalo R,T (39)
Canastota (42)
Carlisle,Briggs (43)
Carthage (42)
Catskill Valley (43)
Cheektowoga FM (39)
Cicero (42)
Clarence,Co.Club(39)
Colonie FM (43)
Commack,Carll Skyport
Cooperstown (43) (79)
Cortland (42)
Dansville A,H (42)
Deer Park (79)
Delanson,Sky Haven(43)
Depew,Transit (39)
Dunkirk A,H (39)
" Werle (39)
E.Amherst,Steffen(39)
E. Greenbush (43)
E. Hampton (43)
E. Pembroke FM (39)
Edgemere,Rockaway(79)
Elizabeth (43)
Elmira R (42)
" Chemung Co. (42)
" Pine City (42)
Endicott,Tri-Cities T
Falconer (39) (42)
Farmingdale,Republic T (79)
Fisher's Isl,Elizabeth
Flatbush K,FM (79) (43)
Flushing (79)
Floyd Bennett R,T (79)
Fort Plain,Stone Arabia
" Int. (43) (43)
Fredonia (39)
Fulton (42)
" Arpk (42)
Gardenville,Buffalo(39)
Geneva,Mason (42)
Getzville,Audubon (39)
Glens Falls H,A (43)
" Warren Co (43)
Gloversville,Glove City
" Steenburgh(43) (43)
Gowanda (39)
Greenridge,Hughes (79)
Halcott Ctr,Halcott(43)
Hamburg Arpk (39)
" Erie Co. (39)
Hamilton,Colgate U.(42)
Hammondsport,Mercury
Hancock (42)* (42)
Hempstead,Mitchel R,T
" Nassau * (79)
Herkimer,Hayduk (43)
Hicksville Arpk. (79)
" Avia.Co.Club (79)
Hilton (42)
Honeoye Falls (42)
Hornell (42)
Horseheads,Eagle (42)
Idlewild R (79)
Islip,MacArthur T (79)
Ithaca (42)
" Cayuga (42)
Jamestown (39)
Johnstown,Vaughan (43)
" Fulco (43)
Keene, Marcy (18)*
Keeseville (18)
Kingston (43)
" Kingston-Uister (43)
Kirksville (42)
Lake Placid (18)
Lancaster, Scott (39)
Livingston,Manor (43)
Lockport,Graf (39)
" Lee (39)
Mahopac (43)
Malone-Dufort (18)
Margaretville-Fleischman (43)
Massapequa
" Fitzmaurice (79)
Massena A,R (18)
" Stewart (18)
Mastic (79)
Mattituck (43)
Medina (39)
Medway FM (43)
Mexico,Ladd's (42)
Middleburg,Valley (43)
Middletown,Randall's(43)
" Starhaven (43)
Millerton (43)
Mineola,Roosevelt (79)
Minoa (42)
Mitchel R,T (79)
Montgomery (43)
" US Mil.Acad.#1 (43)
Monticello-Sullivan Co. (43)
Montour Falls,Martin(42)
Moravia (42)
Narrowsburg (42)
Newark (42)
New Baltimore,Farly's (43)
Newburgh,Stewart R,T(43)
" Stanton's Newburgh Cub Port (43)
New City,Christie (43)
" Rockland (43)
New Hackensack A,R(43)
New Paltz (43)
New Rochelle K,FM (79)
New Springville,Staten Island (79)
New York NAS,Floyd Bennett R,T (79)
" La Guardia R,T (79)
Niagara Falls T (39)
North Tonawanda,Co. Line (39)
" Shawnee Fly Svc (39)
Northville,Sacandaga Park (43)
" Plateau (43)
Norwich, Warren Eaton
Nyack,Miller (43) (42)
Ogdensburg (18)
Olcott, Palmer (39)
Olean (39)
Oneonta,Keyes (42)
Owasco,Bonnie Brae
Painted Post (42) (42)*
" Costa's (42)
Peekskill,Croton (43)
Penn Yan (42)
Perry Central (39)
" Fly.Svc. (39)
Piseco (43)
Pittsford,Brizee(42)
Plattsburg,mun.(18)
Port Chester FM(79)
Port Jervis,Huguenot (43)
Potsdam,Damon (18)
Poughkeepsie,
" Arlington (43)
Pulaski (42)
Ravena (43)
Red Creek (42)
Rexford,Long Meadow (43)
Rhinebeck, Cozine (43)
Richland (42)
Richmondville
" Schoharie (42)
Ripley (39)
Rochester R,T (42)
" Com. (42)
" Meacham-Genesee
" Hylan (42) (42)
" Ridgeway (42)
Rockaway Park LFM
Rome T (42) (79)
Rushville (42)
Salamanca (39)
Saranac Lake (18)
Saratoga Spgs FM (43)
Sayville (79)**
Schenectady Co. (43)
" Intercity (43)
Schuylerville (43)
Scottsville (42)
Selkirk (43)
Seneca Falls (42)
Sidney (42)
Silver Creek (39)
Silver Springs (39)
Somers (43)
Springville (39)
Spring Valley (43)
Stewart R,T (43)
Stormville (43)
Syracuse A,R (42)
" Mun. T (42)
Ticonderoga (43)
Tonawanda (39)
Travis,Richmond Co.
Troy (43) (79)*
Tupper Lake (18)*
Utica A,R (42)
" Smithport (42)
Valley Stream,Columbia (79)
Walden-Newburgh-Walden (43)
Wallkill,US Mil.Acad. #2 (43)
Wappingers Falls (43)
Warwick-Wickham (43)
Watertown (42)
" Bradley (18)*
Wellsv'l,Crowner(42)
Westfield (39)*
Westhampton Beach
" Suffolk Co. (43)
Westport (18)
White Plains,
" Westchester Co,T .
Whitesville, (43)
Community (42)
Williamsville,Sheridan
Wingdale (43) (39)
Wollcottsville FM (39)
Wurtsboro (43)

NORTH CAROLINA

Aberdeen (110)
Albermarle,Stanley(110)
Asheboro (110)
Asheville-Hendersonv'l
" Josephson(107) (107)
" Owens (107)
Atlantic (111)
Aydelette FM (111)
Barco (111)
Beaufort-Morehead
Balloon #1 (110) City(111)
Belmont (110)
Black Mountain (107)
Bogue T (111)
Brevard,H & H (107)
Burgaw (111)
Burlington (110)
" Fairchild (110)
Camp LeJeune T (111)
Camp MacKall (110)
Candor (110)*
Carolina Beach(111,131)
Chadbourn Duke (110)
Chapel Hill, Wms.(110)
" Hogan (110)
Charlotte R (110)
" Cannon (110)
" Delta (110)
" Douglas T (110)
" Plaza (110)
Cherry Point R (111)
" MCAS T (111)
Clinton (111)
Concord (110)
" Coley (110)
Derita,Brockenbrough
Draper,Tri-City(110) (110)
Durham (110)
" Pharis (110)
Eagle Spgs.Parkers (110)
Edenton FM,A (111)
Elizabeth City T (111)
" Woodville (111)
Elkin (110)
Erwin (110)
Fayetteville (110)
Ft.Bragg,Balloon (110)
" Pope R,T (110)
Franklin (107)
Gastonia
" Mun. (110)
" Spindle City (110)
Gibsonville,McLean
Goldsboro Bros (110)
" Seymour-Johnson
Greensboro R (110) (111)
" High Point T (110)
" Routh (110)
Greenville (111)
Henderson (111)
Hendersonville (107)
Hickory (110)
High Point,Fraley (110)
Hoffman,Camp MacKall AAF (110)
Jacksonville (111)
Julian,Gilmore #1 (110)
Kannapolis (110)
" Carolina Arpk (110)
Kings Mtn (110)
" Bridges (110)
Kinston (111)
" Piney Grove (111)
" Smith (111)
Laurinburg,Pine Acres
Lexington (110) (110)
Lillington (110)
Lincolnton (110)
" Burris (110)
Louisburg,Franklin(111)
Lumberton (110)
Manteo FM (111)
" Roanoke Isl. (111)
Marion,Francis Marion
Maxton,Laurinburg-Maxton (107) (110)
Mayodan, Mayo (110)
Micaville (107)
Mocksville (110)
Monroe (110)
" Mun. (110)
Mooresville,Harris(110)
Morganton (107)
" Lenoir (107)
Morehead (111)
Mt. Airy (110)
" Colonial (110)
Mt. Olive (111)
New Bern FM(111)
" Simmons-Knott (111)
New River,Camp Le Jeune T (111)
Newton,Conover (110)
North Wilkesboro (110)
Oak Grove T (111)
Oxford,Young (110)
Pinehurst,Knollwood(110
Pollocksville,Oak Grove
Pope R,T (110) T (111)
Raeford,Upchurch (110)
Raleigh A,R (110)
" C.A.P. (110)
" Raleigh-Durham T(110)
Red Spgs, Brooks (110)
Reidsville (110)
" Warf (110)
" Rapids Halifax Co.(110)
Rockingham-Hamlet (110)
Rocky Mount (111)
" Avalon (111)
Roxboro (110)
Salisbury (110)
Sanford Lee Co. (110)
Selma (111)
Seymour-Johnson (111)
Shelby,Byers (107)
Silver City,Gilmore (110)
Southern Pines,Skyline (110)
South Mills FM (111)
Spindale,Rutherford(107)
Statesville (110)
Sylva (107)
Tarboro (111)
Thomasville (110)
" Pauls Arpk. (110)
Wadesboro (110)
Wallace (111)
Warrenton (111)
Washington (111)
Weeksville R,T (111)
West Jefferson (107)
White Lake,Beach(111)
Whiteville (110)
Wilmington Arpk(111,131)
" Bluethenthal(111,131)
" Peiffer (111,131)
Wilson (111)
Wingate,McLeod (110)
Winston-Salem R (110)
" Smith Reynolds T(110)
Yanceyville,Caswell(110)
Zebulon (111)

NORTH DAKOTA

Abercrombie (11)
Ashley H, A (11)
Beach (10)
Bismarck A,R (10)
Bowman (10)
Cando (11)
Carrington,Matheny(11)
Crosby (10)
Dawson (11)
Devils Lake (11)
Dickinson A,R (10)
" Worth (10)
Driscoll FM (10)
Fargo R (11)
" Hector T (11)
Fessenden,Mohr (11)
Glen Ullin (10)
Golva (10)
Grand Forks A,R (11)
Harvey (11)
Hettinger (10)
Jamestown A,R (11)
Killdeer, Ilo (10)
Langdon (11)
Lisbon (11)
Minot R (10)
" Port O'Minot (10)
Mohall (10)
Mott, Wyman (10)
New England (10)
New Rockford (11)
Judson FM (10)
Parshall (10)
" Miller (10)
Pembina R,A (11)
Portal (10)
Rhame (10)
Rolla (11)
Rugby (10)
Towner (10)
Valley City (11)
Wahpeton,Sch.of Science
Washburn (10) (11)
Watford City (10)
West Fargo LFM (11)
Wheatland FM (11)
Williston (10)
" Chandler (10)
" Wright (10)
Wyndmere,Homestead (11)

OHIO

Akron A,R (38)
" Akron-Canton (38)
Alliance,Taylorcraft (38)
Amanda,Wolfords (71)*
Archbold H,A (35)
Ashland (38)
Ashtabula (39)
Athens,Ohio Un.(71)
Avon Lake LFM (38)
Barberton,Ling (38)
Bedford (141)
" Ward (141)
Bethel (70)
Bowling Green R (38)
" Bricker (38)
Brecksville FM (38)
Brookfield (39)
Bryan,Stombaugh(35)
Bucyrus,Port Bucyrus
Cambridge (71) (38)
Canton, Martin (38)
" McKinley (38)
Chagrin Falls (141)
Chardon (141)
Cherry Fork (71)
Chesapeake,Huntington (71)
Chillicothe, Jones (71)
" Scioto Trail (71)
" Skypark (71)
Cincinnati R (70)
" Campbell (70)
" Cheviot (70)
" Lakewood (70)
" Lunken T (70)
" Mt. Healthy (70)
" Parks Watson (70)
Cleveland R,T (141)
" Brooklyn (141)
Clinton Co. T (71)
Coldwater (70)
Columbus R (71)
" Clickenger (71)
" Lockbourne T (71)
" Norton (71)
" Ohio State Un. (71)
" Port Columbus T(71)
" Price (71)
" Sullivant Ave. (71)
Conneaut (39)
Crooksville (71)
Dayton T,R (70)
" Dahlo (70)
" So. Dayton (70)
" Wright T (70)
Defiance,Bryan-Defiance Mem'l (35)
E.Liverpool,Swaney(39)
Elyria A,K,FM (141)
Fairfield R,FM (70)
" Patterson T (70)
Findlay A,H (38)
Fostoria,Snyder (38)
Fremont,Slager (38)
Galion (38)
Gallipolis,Twin Cities (71)*
Greenford,Holloways (39)
Greenville,Lansdowne
" Treaty City (70) (70)
Grove City (71)
Hamilton (70)
Harrison (70)*
Hayesville H,A (38)
Hicksville,Skinner(35)
Hilliard FM (71)
Hooker,Port Lancaster (70)
Hudson,Mid City (141)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Jackson, Shumate (71)
Kellys Isl.,Fenwick(38)*
Kent,Kent State (38)
Kenton,Cedar Lawn (71)
Lancaster (71)
" Hightman (71)
LeRoy,Westfield (38)
Lewisburg,Midway(70)
Lewistown,Voss (71)
Lima (35)
Lockbourne T (71)
Lorain City (141)
" Lorain Skyport (141)
Loveland FM (70)
Magnolia (71)
Mansfield (38)
" Gage (38)
Marietta (71)
Marion (71)
Mason Attaway **(70)**
Massillon,Noble **(38)**
Medina,Prichard (38)
Middletown (70)
Minford,Knore (71)
Montezuma,Lakeview (70)
Morrow,Happy Lndgs (70)*
Mt. Liberty FM (71)
Mt. Orab FM (71)
Mt. Vernon,Wynkoop(71)
Nevada,Coons (38)
Newark **A,FM** (71)
New Holland,Tri-Co.(71)
New Paris
" New Westville (70)
New Philadelphia (71)
North Benton,Miller(38)
Northfield,Sky Haven(139)
North Royalton LFM(38)
Norwalk (38)
" Arpk (38)
" Parks Arpk (38)
Oxford,Miami Univ.(70)
Patterson R,T (70)
Paulding Co. (35)
Perry H,A (38)
Piqua (70)
Port Clinton,Peninsula (38)
Portsmouth,Raven Rock
Put-In-Bay (38) (71)
Reynoldsburg,Snook(71)
Rushsylvania, Port Core (71)*
Sandusky,Hinde (38)
Sharonville,Cincinnati
Sidney (70) (70)
Solon (139)
Springfield (71)
" Crabill (71)
Summit Stn LFM (71)
Tiffin (38)
Tiltonsville,Scott (74)*
Toledo R,T (38)
" Franklin (38)
" Nat'l Aviation (38)
Toronto (74)
Troy,Waco-Troy (70)
Urbana,Grimes (71)
Van Wert (35)
Vermilion FM,A (139)
Verona FM (70)
Wakeman,Ortner(139)
Wapakoneta
" Port Koneta (70)

Warren,Hall (39)
" Airways (39)
" Port Warren (39)
" Tyndall (39)
Washington Court House,Wash.Arpk(71)
Watertown,Reed's (71)
Wauson,Grieser (35)
Wellington (140)
Willard (38)
Williamsfield,Sky Harb
Willoughby (139) (39)
" Chagrin Harbor(139)
" Euclid Ave. (139)
" Lost Nation (139)
Wilmington K (71)
" Clinton Co. T (71)
Woodsfield (71)*
Wooster (38)
Youngstown R,T (39)
" Bernard (39)
" Bird (39)
" Watson (39)
Wright T (70)
Zaleski State For.Svc.
Zanesville A,H (71) (71)*
" Briggs (71)
" Commerce (71)
" Riverside (71)

OKLAHOMA

Ada (95)
" Community (95)
" Walker (95)
Afton,Monkey Isl.(63)
Altus (94)
" Mun. (94)
" Olustee (94)
" Walker (94)
Alva (62)
Anadarko (98)
Antlers (95)
Ardmore A,H (95)
" Int. (95)
Atoka (95)
Bartlesville (62)
" Phillips T (62)
Blackwell (62)
" Marks (62)
Boise City (59)
Buffalo (59)
Calumet,Bomhoff (98)
Carnegie,Dukes (94)
Cherokee,Jimmie Bay
Chickasha (98) (62)
" Mariash (98)
Claremore,Rogers (63)
Clinton (94)
" Victory (94)
Cordell (94)
Cushing (62)
Delhi (94)
Dill (94)
Duncan,Halliburton(95)
Durant,Comm.(95)
" Eaker (95)
Edmond,Central **(62)**
Elk City,Bennett **(94)**
El **Reno** (98)
" Mustang (98)
Enid (62)
" North (62)
" Woodring (62)
Erick,Haddock (94)
Ft. Cobb,Caddo (98)

Ft. Sill,Post T **(95)**
Frederick (94)
Gage A,R (59)
Geary (98)
Grandfield (94)
" #3 (94)
Great Salt Plains (62)
Guthrie (62)

Guymon (new) (59)
" (old) (59)
Heavener (99)*
Hinton,Kingfish (98)
Hobart (94)
" Hunters (94)
Holdenville (95)
Hugo,Weddington(99)
Idabel (99)
Jefferson,Kittenbrink (62)
Jet,Great Salt Plains(62)
Kingfisher (62)
Lamont,White Bros(62)
Langston,Univ. (62)
Lawton (95)
" Cameron College(94)
" Swain (95)
Lexington,Purcell(98)
McAlester (95)
Mangum,Ponder (94)
Marietta FM (95)
Marlow (95)
Miami (63)
Moore,Wheatley (98)
Moseley,Univ. (63)
Muskogee (99)
" Hatbox-Muskogee(63)
Newall FM (98)
Newkirk,Skypark (62)
Norman,Westheimer(98)
Nowata (63)
Oklahoma City R,LFM, A (98)
" Garthoeffner (98)
" Nuckols (98)
" Tinker R,T (98)
" Wiley Post (98)
" Will Rogers T **(98)**
Okmulgee (95)
" Com. (95)
Pauls Valley (95)
Pawhuska (62)
Perry (62)
Picher,Jameson (63)
Ponca City A,H (62)
Post T (95)
Poteau (99)*
Pryor,Long (63)
Red Fork FM (62)
Roosevelt (94)
Sapulpa (62)
Sayre (94)
Seminola (95)
Sentinel,Mem'l (94)
Shawnee Mun. (95)
Skiatook FM (62)
South Coffeyville
" Jensen (63)
Stillwater **#1 (62)**
" #2 (62)
Stilwell (63)
Stroud (62)
Swain (95)
Tahlequah (63)
Thomas,Kell-Air **(62)**
Tinker R,T (98)

Tishomingo (95)*
Tonkawa (62)
Tulsa R,T (62)
" Brown (62)
" Commercial (62)
" Harvey Young (63)
" North (62)
Verdigris River FM (63)
Vinita,Topper (63)
Walters (95)
Washington FM (95)
Watonga (62)
Weatherford (94)
Wetumka,Boren (95)
Wewoka, com. (95)
" mun. (95)
Woodward (59)
" mun. (59)
Yukon,Cimarron (98)
" Lake View (98)

OREGON

Albany (2)
Alkaki Lake (22)
Arlington (2)
Astoria,Clatsop Co.(2)
Aurora (143)
Baker A,R (3)
Bay Ocean FM (2)
Beaver Marsh (19)
Beaverton,Bernard(143)
Bend (2)
" old (2)
Boardman (3)
Brooks,Sky Haven (2)
Burns (22)
" Roe Davis (22)
Cabbage Hill FM (3)
Canby (143)
Cave Junction,Illinois Corvallis (2) (19)*
Corvallis Jct. (2)
Cottage Grove A,FM(19)
Cow Creek (19)
Creswell, B & H (19)
Dallas (2)
" new (2)
Denmark,Curry Co.(19)
Eagle Pt.,Blue Star (19)
Enterprise (3)
Eugene R,A (2)
" Mahlon Sweet (2)
" Williametto (2)
Grants Pass (19)
Gresham,R.O.K.(143)
Harrisburg (2)
Hermiston (3)
Hillsboro (143)
Hood River (2)
Idanha,Santiam Jct.(2)*
Joseph (3)
Klamath Falls A,R (19)
La Grande A,H,FM (3)
Lakeside (19)
Lakeview (19)
Lebanon (2)
Lexington (3)
McNary (2)
Madras (2)
McMinnville (2)
Medford R,A (19)
" AAF T (19)
" Piercy (19)
Milton,Oregon Sky Ranch (3)

Milwaukee,Wells(143)
Monmouth,Adams (2)
Mulino,GreenAcres(143)
Myrtle Creek (19)
Newburg,Sportsman(143)
Newport (2)
North Bend (19)
Ontario (3)
Oregon City,Sky Park
Pendleton R,T (3) (143)
" Airways Inc. (3)
Pilot Rock (3)
Portland R (2,143)
" AAB T (143)
" Dwyer (143)
" Birdsdale (143)
" Troh's Skyport (143)
Prineville (2)
Redmond R (2)
" Roberts (2)
Riddle,Tri-City (19)
Rome (22)
Roseburg (19)
Scappoose,Columbia Co
Silverton,Adams(2) (143)
Sutherlin,Sky Ranch(19)
Sweet Home,Langmack
The Dalles A,R (2) (2)
Tillamook R,T (2)
" Coastway Sch. (2)
Trail FM (19)
Troutdale (143)
Vale (22)
Vernonia (2)
Wasco (2)
Willamette FM (2)
Woodburn,Barrett-Schuler (143)
Worden (19)

PENNSYLVANIA

Allentown R (42,75)
" Bethlehem (42,75)
" Convair (75)
Altoona R (74)
" Stultz (74)
Ambler, Wings T (78)
Andreas,E.Penn (42)
Annville,Millard (75)
Athens,Chemung Val'y
Beaver Falls (42)
" Patterson Hgts (39)
Bellefonte (42)
Bloomsburg (42)
Boothwyn FM (75)
Bradford,Harri-Emery
" McKean Co.(39) (39)
Bristol,Kaiser (78)
Brockway (39)
Brookville H,A (39)
Buckstown (74)
Butler-Alameda (39)
" Pittsburgh-Butler
Canadensis,Barrett(42)
Campbellt'n,Reigel(75)
Carlisle FM,A (75)
" Centerville (75)
Cecil FM,K (74)
Chambersburg (75)
" Sunset Arwys (75)
Charleroi,Star Val'y (74)
Chester, Benedict (78)
" Buckman (78)
Clarion,Parker Cramer
Clearfield (39) (39)

Coatesville **(76)**
Collegeville,
" Perkiomen (78)
Conneaut Lake (39)
Connellsville (74)
Conway (39)
Corbett,Cherry Spgs. (42)
Corry,Port Lawrence
Cresson (74) (39)
Daleville (42)
Danville (42)
Doulgasville,Smilin Jack (75)
Doylestown (78)
Dubois (39)
Duncansville,Altoona
Easton (42) (74)
" Bethlehem-Easton (75)
Ebensburg,Keystone(74)
Elysburg,Shamokin(42)
Emmaus (75)
Erie R (39)
" Port Erie (39)
Fogelsville (75)
Gettysburg (75)
" Doersom (75)
Gordon (42)
Granville,Cargill (75)
Greater Pittsburgh T(74)
Greensburg
" Pittsb.-Greensb.(74)
Greenville (39)
Grove City (39)
Hanover,Devener (75)
Harrisburg R (75)
" State T (75)
" Penn-Harris (75)
Harrison City (74)
Hazleton,Green Acres(42)
" Reifenberg (42)
Hershey (75)
Holmesburg FLM (78)
Hookstown FM (74)
Huntingdon (74)
Indiana,Hamilton (74)
Johnstown (74)
Johnsville T (78)
Kearsarge,Erie City(39)
Kutztown (75)
Kylertown (39)
Lake Carey FM (42)
Lancaster (75)
" mun. (75)
Langhorne,Old Star (78)
Lansdale (78)
Latrobe (74)
Leechburg (74)
Lehighton (42)
Lewistown (75)
Linesville
" Merry's Pymatuning
Lock Haven,Cub (39)
Haven (42)
Marchand,Braebreeze
Mars,Perry (39) (39)
Martinsburg,Blair (74)
Matamoras (43)
Meadv'l,Penn-Mead(39)
" **Port** Meadville (39)
Charleroi,Star Val'y (74) **Mercer (39)**
Middletown **FM (75)**
" Olmsted T (75)
Millbrook R **(39)**
Milton (42)

Mohrsville,Estler(75)
Montgomeryville
" Gloster (78)
Morrisville (78)
" Skyhaven (79)
Mt. Jewett (39)
Mt. Pleasant FM (74)
Mt. Pocono (42)
Mt. Union (75)
Mustin T (78)
Myerstown,Lebanon Co. (75)
New Alexandria A,FM
New Castle (39) (74)
New Hanover (75)
" Layfield (75)
New Kingston,Taylor(75)
New Springfield FM(39)
Nicholson,Mt.View (42)*
Norristown,Patco (78)
" Valley Forge (78)
Oil City, Splane (39)
Olmsted T (75)
Olyphant,Mid Val'y(42)*
Paoli,Phila.Main Line (75)
Philadelphia,Budd (78)
" Boulevard (78)
" NAAS,Mustin T (78)
" NE Philadelphia R,T
" SW " R,T (78) (78)
" Somerton (78)
Philipsburg R,A (39)
Pine Grove,Swatara Valley (75)
Pitcairn,Pitt-Wilkins
Pittsburgh K,R(74) (74)
" Allegheny T (74)
" Bettis (74)
" Greater Pittsb. T (74)
" Mayer (74)
Pottstown (75)
Pottsville,Schuylkill(75)
Punxsutawney (39)
Quakertown,Grants (78)
" Arpt. (78)
Reading (75)
" Berks (75)
" Madeira (75)
Ridgeway,Green (39)
Salix (74)
Sayre,Valley (42)
Scranton (42)
Selingsgrove (42)
Seven Valleys FM (75)
Slatington FM (42)
Somerset (74)
State College,Air Depot
Stroudsburg (42)
" East Stroudsburg (42)
Summerhill FM (74)
Sunbury A,R,H (42)
Tamaqua (42)
Tarentum,Allegheny Valley (74)
Towanda (42)
Tunkhannock,Skyhaven
Utahville (39) (42)
Vanderfrift (74)
Wallaceton,Albert (39)
Warren (39)
Waynesburg,Greene(74)
Waynesboro (75)
West Chester (75)
Wilkes-Barre R (42)
" Wyoming Val'y (42)
Williamsport A,R (42)

Willow Grove R,T (78)
Womelsdorf (75)
York (75)
" Val'y (75)
Youngsville,Broken straw (39)

RHODE ISLAND

Charlestown T (46)
Greene,Riconn (46)
Newport (46)
Providence R (46)
" Greene T (46)
" Mineral Spgs (46)
Quonset Point R,T(46)
Smithfield (46)
Westerly (46)
Woonsocket (46)

SOUTH CAROLINA

Aiken AAF (131)
" mun. (131)
Allendale,Manning(131)
Anderson A,H (107)
Bamberg,Carlisle(131)
Barnwell (131)
Beaufort (131)
Bennettsville,Palmer
" Rowe (110) (110)
Calhoun Falls,Bentley (107,125)
Camden,Woodward (110)
Charleston R,T(131)
" Carolina Skyways(131)
" Clark (131)
" John's Isl. (131)
" Truluck (131)
Cheraw,Bellinger(110)
Chesnee (107)*
Chester,mun. (110)
Columbia R,A (131)
" Congaree (131)
" Lexington Co.(131)
" Owens T (131)
Congaree (131)
Coronaca (131)
Darlington,Hartsv'l(110, Elloree (131) 131)
Estill (131)
Florence A,R (110,131)
Georgetown (131)
" County (131)
Greenville A,R (107)
" AAB T (107)
" Paris Mtn. (107)
Greenwood (107,131)
" Coronaca (107)
Hartsville (110)
John's Island (131)
Kershaw (110)
Lancaster,Coulbourn(110)
Lane (131)
Laurens,Barksdale(107)
Little Rock (110)*
Manning (131)
Myrtle Beach R,T(131)
North (131)
North Augusta (131)
Orangeburg,Hawthorne
" Jennings (131) (131)
Parris Island (131)
Ridgeland (131)
Rock Hill,Roddy (110)
St.Matthews,Donald(131)

Shaw **T** (131)
Spartanburg R (107)
" Fairforest (107)
" Memorial T (107)
Summerville FM (131)
Sumter, Shaw T (131)
" Sumter (131)
Timmonsville,Huggins
Trenton (131) (101, 131)
Walterboro (131)
Wampee,Ocean Drive (131)

SOUTH DAKOTA

Aberdeen A,R (11)
Belle Fourche (10)*
Britton, mun. (11)
Brookings (11)
Carthage (11)
Chamberlain (30)
Custer,Bourassa(27)
Dell Rapids (30)
Edgemont (27)
Elk Point (30)
Eureka (11)*
" mun. (11)
Faulkton,Biedenfelt(11)
Flandreau (11)
Gregory (30)
Hot Springs (27)
Huron R (11)
" W.W. Howes (11)
Madison (11)
Martin Bennett Co.(27)
Milbank (11)
Miller (11)
Mitchell (30)
" Anderson (30)
Mobridge (10)
Newell (10)
Philip H,A (10)
Pierre A,R (10)
Platte (30)
Presho Mun. (27)
Rapid City R (10)
" Halley (10)
" AAB T (10)
" Geronime (10)
" Rushmoré (10)
Redfield (11)*
Reliance, Rancher's and Farmer's (30)
" Fletcher (30)
Sioux Falls A,R (30)
Sisseton Mun. (11)
Spearfish,Black Hills(10)
Stevens,Rickenbacker
Vermillion (30) (30)
Wagner (30)
Watertown A,R (11)
Willow Lake
" Hofer-Kannegieter(10)
Winner (30)
Yankton (30)

TENNESSEE

Chattanooga R,T (106)
Clarksville,Outlaw(103)
Cookeville (106)
Cowan,Univ.of South(106)
Crossville (106)
Cuba FM (103)
Dyersburg (103)
" mun. (103)
Fairview FM **(106)**

Fisherville FM **(103)**
Gallatin (106)
Graham (103)
Greenbrier FM (106)
Humboldt (103)
Jacks Creek R,A(103)
Jackson (103)
" McKellar (103)
Kingston FM (106)
Knoxville R (107)
" McGhee-Tyson T(107)
" Island (107)
Lebanon (106)
McMinnville,Boyd(106)*
Manchester (106)
Martin,Gill-Dove (103)
Memphis R,T (103)
" Flying Svc. (103)
" NAS T (103)
" Wilson (103)
Milan (103)
Morristown (107)
Mt. Juliet FM (106)
Mt. Pleasant,Maury(103)
Murfreesboro
" Sky Harbor (106)
" St.Teachers Col.(106)
Nashville R (106)
" Berry T (106)
" Cornelia Fort (106)
" Cumberland (106)
" Smyrna T (106)
Piedmont FM (107)
Pulaski,Abernathy(106)
Smithville R,A (106)
Smyrna T (106)
Tallassee FM (107)
Tri-City A,R (107)
Tullahoma,Wm.Northern (106)
Union City,Embry Riddle (103)
" Kennon (103)
Walterhill FM (106)
Whiteville (103)
Wm. Northern (106)

TEXAS

Abernathy #1 (91)
Abilene R (94)
" AAF (94)
" Air Term. T (94)
Adrian (59)
Alamo,Kahler (114)
Albany,Taylor (94)
Alice A,R (114)
Aloe AAF (114)
" #10 (114)
Alpine,Starns (87)
Amarillo A,R,LFM (59)
" English T (59)
" Tradewind (59)
Anahuac,Sky Harbor(119)
Anson (94)
Arcola FM (118)
Arlie (94)
Aragon #5 (87)
Arlington,Midway (98)
" OLF (98)
" Sky Ranch (98)
Asherton (114)
Austin R (118)
" Bergstrom T **(118)**
" Haile (118)
" Robert Mueller T (118)
Austwell (114)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Lone Wolf, Okla. Hohmann (94). Bethel, Pa, Grimes (75). Lansdale, Pa, Turner (78). Atlanta, Tex. (99). Bedford, Pa (74). Hohenwald, Tenn, Brown (103). Clifton, Tenn (102). Dandridge, Tenn, Lakeside (107). Kingsport, Tenn, Pierce (107).

Baird (94)
Ballinger,Bruce (115)
Bandera (115)
Bay City (118)
Beaumont A,R (119)
" Jefferson City (119)
" Lamar (119)
Beeville,Chase (114)
" Travland (114)
Belton (118)
Bergstrom T (118)
Biggs T (87)
Big Spring R,T (91)
" U&S Fly.Svc. (91)
Bonham,Brown (95)
" Jones (95)
Borger,Harnagel (59)
Bowie (95)*
Brackettville (115)
" Fort Clark (115)
Brady,Curtis (115)
" White (115)
Breckenridge (94)
Brooks T (143)
Brownfield (91)
" Triangle (91)
Brownsville R (114)
" Manildra (114)
" Rio Grande Val'y T
Brownwood(115) (114)
Bryan AAF (118)
" Coulter (118)
Burkburnett (94)
Burnet (115)
Cabaniss T (114)
Cameron (118)*
Camp Hood (118)
Canadian,Hemphill(59)
Candelaria
" Decker Ranch (87)*
Canyon,W.Texas St.(59)
Carrizo Spgs,Dimmit County (114)
Carthage Air Svc.(119)
Castolon (87)
" Johnson Ranch (87)
Castroville,Riomedina
Chase (114) (115)*
Childress (94)
" AAF (94)
Cisco (94)
Clarendon R,A (94)
Clarksville (99)
Claude (89)
Clear Springs #3 (115)
Cleburne NW (98)
Coleman (118)
College Station
" Eastwood (118)
Comanche (115)*
Commerce (95) (118)
Conroe,Montgomery Co.
Corpus Christi R (114)
" NAS R,T (114)
" Cliff Maus T (114)
" OLF #10 (114)
" OLF #11 (114)
" OLF #25 (114)
" OLF #41 (114)
" Cabaniss T (114)
" Cuddihy (114)
" Rodd T (114)
" Waldron (114)
Corsicana,com (118)
" mun. (118)
" "75" (118)

Crane,Crane Co.(91)
Crystal City (114)
Cuero (118)
" Edgerton (114)
Cox AAF (99)
Cypress,Jackson (118)
Dalhart (59)
" mun. (59)
" #1 (59)
" #2 (59)
Dallas R (98)
" Clearview (98)
" Fliers (98)
" Hensley T (98)
" Highland Park (98)
" Hudson (98)
" Lou Foote (98)
" Love T (98)
" Mustang (98)
" Second Ave. (98)
" Skyline (98)
" White Rock (98)
Damon (118)
Delaware Spgs (90)
Del Rio (87)
" Laughlin (87)
" Val Verde Co. (87)
Denison, Gray (95)
Denton, Collete (95)
" Hartlee (95)
Denver City (91)
" Humble (91)
Dimmit, Bobcat (59)
Dolores,La Laja (114)*
Dryden,Airdrome (87)
" Int. (87)
Dublin,Loyd Hines (115)
Dumas (59)
Duncanville K (98)
Eagle Mtn Lake (98)
Eagle Pass (114)
" mun. (114)
Eastland,Weaver (94)
Eden (115)
Edinburg, Com. (114)
Edna (114)
El Campo,Hefner (118)
Eldorado (91)
Electra (94)
Ellington T (118)
El Paso R (87)
" Biggs T (87)
" Mun. T (87)
Elsa (114)
Ennis (118)

Floydada (59)
Forney FM (95)
Fort Clark (115)
Fort Hancock (90) *
Ft. McKavett,C-B (115)
Ft. Stockton,Dyche (91)
" Gibbs (91)
" Win (91)
Fort Worth R,LFM(98)
" AAF T (98)
" Hicks (98)
" Meacham T (98)
" Midwest (98)
" Russell (98)
" T.C.U. (98)
Freeport,Lake Jackson
Freer (114)* (114)
Friona,Benger (59)
Gainesville AAF (95)
" Com. (95)

Gainesville
" Whaley Arpk (95)
Galveston A,R (119)
Garland,Luscombe(98)
Gaskin (95)
Gatesville,Scott (118)
Georgetown (118)
Gilmer,Holmes (99)*
Gonzales,Faurie (118)
Goodfellow R,T (115)
Goose Creek,Humphrey
" Tri-Cities(119) (119)
Gorman (115)
Grand Prairie (98)
Grauwyler Park K (98)
Gregory FM (114)
Greenville,Caddo Mills
" Majors (95) (95)
" Rutherford (95)
" South Sulphur (95)
Groesbeck (118)
Gruver (59)
Guadalupe Pass V,FM
Hamilton (115) (90)
Hammond (118)
Handley (98)
Harlingen (114)
" com (114)
" mun (114)

Harpersville FM,A (94)
Haslet K,FM(95,98)
Hearne (118)
Henderson (119)
Hensley T (98)
Hereford,Clover (59)
Hillsboro,Byrn's (118)
Hitchcock T (119)
Hondo AAF (115)
Houston R,FM,T (118)
" Ellington T (118)
" Erwin-Newman(118)
" Main Street (118)
" Minor Stewart (118)
" Preston (119)
" Sam Houston (118)
" Skyport (118)
" Sportsman (118)
Hudspeth (90)
Hueco Mtn FM (87)
Huntsville,Houston (118)
Idalou (91)
Iraan (91)*
Jacksonville (118)
Joshua FM (95)
Karnack FM (99)
Kaufman,Wallace #2(98)
Kelly T (143)
Kenedy (114)
Kent (90)
Kermit (91)
Kerrick (59)
Kerrville,Schreiner
Kilgore,Elder (99) (115)
Killeen (118)
" Camp Hood (118)
Kingsville (N) (114)
" (S) (114)
" Int. (114)
" Weisman (114)
Kirbyville,Richter(119)*
Knox City (94)
Lamesa (91)
" com. (91)
" Hogg (91)
Lampasas Co. (115)

Laredo A,R (114)
" Chupadera Ranch
" Wormser (114) (114)
Laughlin (87)
Leaday, Miller (115)
Levelland (91)
Littlefield,Duggan(91)
Llano Co. (115)
Longfellow,Cox (87)*
" Yoas Ranch (87)*
Longview,East Side(99)
" Gregg Co. (99)
Los Fresnos A,FM(114)
Louise (118)
Lubbock A,R (91)
" Com. (91)
" So.Plains T (91)
Lufkin (119)
" Angelina Co. (119)*
Luling (118)
McAllen (114)
McCamey (91)
McKinney (98)
Madisonville Emerg. (118)*
Magnolia Beach
" Indianola (114)
Marathon,Blair (87)
" Combs (87)
Marfa AAF (87)
" (new) (87)
" (old) (87)
" Allison Ranch (87)
" Aragon (87)
" Ryan #3 (87)
" South #1 (87)
Marlin,Stephens (118)
Marshall (99)
Mason Co. (115)
Martindale #4 (143)
Matagorda Isl. Bombing & Gun.Range (114)
Matagorda Peninsula(114)
Mathis,Lake Mathis(114)
Mercedes FM (114)
" Central Valley (114)
Mexia (118)
Midland R,A (91)
" Com. (91)
" #2 T (91)
" Skyhaven (91)
Mineola,Wisener (99)
Mineral Wells(new)(95)
Mission,Magic Val'y
" Moore (114) (114)
" Moore #1 (114)
" Moore #3 (114)
" Shary (114)
Monahans, mun. (91)
Moore (114)
" #3 (114)
Morton,Cochran Co.(59)
Mt.Pleasant (99)
Muleshoe (59)
Muenster (95)
Nacogdoches (119)
Navasota R,A (118)
Newark,Eagle Mtn. Lake (98)
New Braunfels,Clear Spring #5 (115)
" Kuehler (143)
Odessa,Ector Co. (91)
Old Ocean (114)
Olney (94)
Orange (119)

Orla , Tex-Line (90)
Ozona (91)
" Kinser Ranch (91)
Paducah (94)
Palacios A,R (114)
Palestine (118)
Pampa (94)
" Int. (94)
" AAF (94)
Pandale (87)
Paris, Cox AAF (99)
" Legion (99)
Parker Int. (118)
Pawnee (114)
Pecos (90)
" Anderson (90)
Perrin (95)
Perryton (59)
Plainview,Hale Co.(59)
Pleasonton FM (114)
Port Arthur,Parker(119)
Portland,Hunt (114)
Port Lavaca,Tanner
Post (91) (114)
Poteet (114)
Prairie Hill,Waco #5
Presidio (87)* (118)
" Air Strip (87)
Preston (119)
Pyote AAF T (91)
Quannah,Comm. (94)
Randolph R,T (143)
Ranger (94)
Rankin (91)
Raymondsville,Fox(114)
" Int. (114)
Red Bluff,Hines (90)
Refugio,Rooke (114)
Richmond R (118)
Rita Santa (91)*
Roaring Spgs,Buzz (91)
Rockport (114)
Rock Spgs,Sherrill(115)*
Rodd T (114)
Rotan (91)
Ryan #3 (87)
Saginaw (98)
Salt Flat R,A (90)
San Angelo T (115)
" Goodfellow R,T (115)
" No.Concho (115)
" Sky Harbor (115)
San Antonio,Alamo R,T
" Bexar Co. (143) (143)
" Brooks T (143)
" Davis (143)
" Hurt (143)
" Kelly R,T (143)
" Lake (143)
" Leon Valley (143)
" Martindale #4 (143)
" Mission (143)
" Randolph R,T (143)
" Stinson T (143)
" Yates (143)
San Beniot (114)
Sanderson Land.Strip(87)*
San Marcos R,T (115)
" Int. (115)
Sayers,Craigg (143)
Schulenburg (118)
Seguin (115)
" #1 (115)
" Schneider
Seminole (94)
Seymour (94)

Sherman (95)
" Gaskin (95)
" Perrin (95)
Sierra Blanca (90)*
Simms (99)
Sinton (114)
" Community (114)
Soncy FM (59)
South Plains T (91)
Spearman (59)
Spring Branch FM(115)
Spur (91,94)
Stamford (94)
" Arledge (94)
Stanton FM (91)
Stephenville (115)
Sulphur Spgs FM,A (95)
Sweetwater,Avenger(94)
Taft-Worsham (114)
Taylor (118)
Teague,Gage (118)
Temple,Draughon-Miller (118)
" Woodson (118)
Terlingua (87)*
Terrell, Mun. (95)
" Wallace (98)
Texan,Parker (91)
Texarkana (99)
Texas City-Gulf Coast
Texhoma (59) (119)
Tulia (59)
Turkey (94)
Twitty (94)
Tyler R (94)
" Pounds (118)
" Stewart (118)
Uvalde,Garner (115)
Van Horn (90)
" Culberson Co. (90)
Valasco,Brasosport(114)
Vernon (94)
" Int. (94)
" Victory (94)
Victoria (114)
" Aloe AAF (114)
" Aloe #10 (114)
" Foster (114)
" Foster #4 (114)
Waco A,R (118)
" mun. (118)
" Blackland #1 (118)
" Newland (118)
" Riesel (118)
Waldron (114)
Waxahachie A,FM (98)
" Ellis Co. (98)
Weatherford A,FM(95)
" Parker Sky Camp (95)
Webster FM (118)
Wellington (94)
Weslaco,Mid-Valley
Westbrook (91) (114)
Wharton (118)
Wichita Falls R (94)
" Gilchrist (94)
" Holman (94)
" Sheppard/Kell (94)
Wills Point (95)
Wink A,R (91)
Winters (115)
Wolfe City (95)
Yoakum A,H (118)
" Int (118)
Zuehl #6 (143)

UTAH

Beaver (54)
Bountiful,Sky Haven (23)
Brigham (23)
Bryce Canyon (54)
Cedar City (54)
Corinne FM (23)
Delta A,H (23)
Duchesne (23)*
Dugway (23)
Enterprise R,A (54)
Ephraim,Manti-Ephr.
Fairfield R,A (23) (23)
Fillmore (54)
Goulding Trading Post
" Monument Val'y (55)
Grantsville (23)
Hanksville R,A (55)
Huntsville FM (23)
Hill T (23)
Knolls (23)
Layton FM (23)
Logan,Hillcrest (23)
" Logan-Cache Co.(23)
Low Figt Strip (23)
Lucin R,A (23)
Midvale (23)
Milford R,A (54)
Mt. Pleasant (23)
Myton (23)*
Nephi (23)
Ogden R,A (23)
" Hill T (23)
" Hinckley T (23)
Price,Carbon Co.(23)
Promontory Pt. (23)
Provo (23)
Richfield (54)
Riverton R (23)
Roosevelt (26)
St. George A,R. (54)
" Int. (54)
Salt Lake City R (23)
" #1 T (23)
Salt Lake #2 (23)
" Utah Central (23)
Sandy,Alta (23)
Spanish Fork (23)
Timpie FM (23)
Tooele (23)
" Dugway (23)
Vernal (new) (26)
" (old) (26)
Wendover R,T (23)

VERMONT

Bennington (43)
Berlin,Barre-Montpelier (18)
Bristol (18)
Burlington R,T (18)
Fair Haven (43)
Grand Isle FM (18)
Huntington FM (18)
Manchester,Equinox
Montpelier R (18) (43)
Newport (18)
Rutland,MacArthur(43)
St.Johnsbury,Brown(18)
Springfield,Hartness
Swanton,Austin (18) (43)
Vergeness FM (18)
White River Junction
" Twin State (43)

VIRGINIA

Alberta (111)
Alexandria FM (78)
" Beacon (78)
" Crossroads (78)
" Hybla Valley (78)
Altavista (110)
Annandale,Springfield
Arcola R (75) (78)
Bedford (110)
Big Stone Gap,Powell (107)
Blacksburg, V.P.I.(110)
Blackstone A,R (111)
Bristol (107)
Cape Charles
" Dixie Holland (111)
Charlottesville, Univ. of Va. (74)
Chester FM (75)
" Midway (75)
Chilhowie FM,A (107)
Chincoteague T,R (75)
Clarksville-Finchley
Clover (110) (111)*
Covington-Clifton(74)
" Clifton Forge (74)
Creeds (111)
Dahlgren NAF T (75)
Danville A,H (110)
Dawn FM (75)
Deep Creek FM (111)
Drivers,Monogram(141)
Eclipse (111)
Emporia (111)
Falls Chruch (78)
Farmville (111)
Fentress (141)
Franklin (141)
Fredericksburg
" Shannon (75)
Front Royal R (74)
" Stokes (74)
Galax (110)
Gordonsville A,R (74)
" Int. (74)
Greys Pt.,Hummel (75)
Hampton,Peninsula(141)
Harcum (75)*
Harrisonburg,Hartman
Herndon FM (75) (74)
" Blue Ridge (75)
Hopewell (111)
Hot Springs,Ingalls(74)
Langley R,T (141)
Lawrenceville (111)
Leesburg (75)
Lexington (74)
Lively (75)
Lynchburg R (74,110)
" Preston Glenn T (74,
" Timberlake(74) 110)
Manassas (75)
Martinsville (110)
" Lester (110)
Melfa Fgt Strip (75)
Milford (75)
Monogram (141)
Montvale,Buford's (74)
Mt. Vernon K,FM (78)
Narrows (74)
Norfolk R,T (141)
" Glenrock (141)
" NAS,Chambers(141)
" NAS,East R,T (141)
" South Norfolk (141)

Oceana T (141)
Ononcock,Johnson (75)
Orange Co.(Orange)(75)
Parksley (75)
Petersburg (111)
" Colonial Hgts (111)
Portsmouth,Cumberl'd
Pulaski R,A(110) (141)
Pungo (141)
Quantico R,T (78)
Richlands (107)
Richmond R (75)
" AAB T (75)
" Central (75)
" Hermitage (75)
" Northfield (75)
Roanoke R (110)
" Woodrum T (110)
Shenandoah (74)
Staunton (74)
Suffolk (74)
Tappahannock (75)
Virginia Beach (141)
Warrenton,Zieger (75)
Waverly (141)
Waynesboro,Augusta
" Valley (74) (74)
Weems,Currell's (75)
Weirwood,Kellam (75)
West Point (75)
Williamsburg,Scott(111)
" Wm & Mary (111)
Winchester (74)
Windsor,Garner (141)

WASHINGTON

Aberdeen,Moon Isl.(2)
Almira, "JZ" (3)
Arlington (2)
Auburn (143)
Bellevue,Mercer (143)
Bellingham (2)
Blaine (2)
Bothell,Kenmore (2)*
Bremerton,Kitsap Co. (143)
Burlington,Skagit Valley Air Svc. (142)
Camano Island FM (2)
Camas,Groves (143)
Chehalis,Co.-City (2)
Chelan (3)
Cheney,Savage (3)
Chewelah,Hafer's Ranch (3)
Clarkston,Asotin Co.
Cle Elum (2) (3)
College Place (3)
" Martin (3)
Colville (3)
Connell (3)
Coulee City (3)
Coupeville (2)
Davenport (3)
Deer Park (3)
Dungeness FM (2)
Easton FM, A (2)
East Sound,Orcas Isl.
Ellensburg R (2) (2)
" Bowers (2)
Enumclaw (143)
Ephrata A,R (3)
Everett A,R (2)
" Paine (2)
Forks (2)*

Geiger (3)
Goldendale (2)*
Harrington FM,A (3)
Huntsville,Touchet Valley (3)
Hobart FM (2)
Ilwaco (2)
Issaquah,Seattle Sky Ranch (143)
Kelso (2)
Kennewick,Twin City(3)
" Vista (3)
Kent (143)
Kittitas,Cameron (2)
La Center FM (2)
La Crosse (3)
Lakeview FM (2)
Lind (3)
McChord R,T (143)
Mead,Wallace (3)
Metaline Falls-
. Sullivan Lakes (3)*
Moses Lake (3)
Mt. Vernon,Barker & Dean (2)
" OLF T (2)
Neah Bay R (2)
Newport (3)
North Bend,Snoqualmie Pass (2)
Okanogan-Legion (3)
Olympia (2)
Omak,Okanogan (3)
Opportunity,Lemen (3)
Orchards,R.C.Sugg(143)
Oroville,Scott (3)
Pasco (3)
Pateros,Anderson (3)
Port Angeles CGAS T(2)
" Clallam Co. (2)
Port Orchard,South Port Orchard (2)
Port Townsend,Co-City
Prosser (3) (2)
Pullman-Moscow Reg.(3)
Puyallup (143)
" Northern Tacoma(143)
Quillayute (2)
Renton,Boeing-Renton (143)
Republic,Fairweather(3)*
Richland Air Base (3)
Ritzville (3)
Rosalia (3)
Seattle R (143)
" NAS H,T (143)
" Boeing T (143)
" Seattle-Tacoma(143)
Shelton (2)
Snohomish (2)
Spanaway,Forest Grove
" Acft Co.(143) (143)
Spokane R (3)
" AAF T (3)
" Calkins Air Term.(3)
" Felts T (3)
" Geiger (3)
Sprague (3)
Stevenson FM (2)
Sunnyside (2)
Tacoma (143)
" Arpk (143)
" Barrys Sky Harbor (143)
" City View Arpk.(143)

(85)-Page number of chart on which these facilities are inscribed; *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Port Isabel,Tex (114). Big Lake Mun, Tex (91). Radford, Va (110)

Tacoma,Lakewood(143)
" McChord R,T (143)
Toledo-Winlock (2)
Tonasket (3)
Toppenish (2)
Twisp (2)
Vancouver (143)
" Mun. (143)
Vista (3)
Walla Walla R (3)
"AAF T (3)
Washougal FM (3)
Washtucna (3)
Wenatchee,Pancher(2)
" Pangborn (2)
Westport (2)
Whidbey Island R,H,T(2)
Wilbur (3)
Winthrop,Intercity(2)
" Pasayten (2)
Woodland FM (2)
Yakima R (2)
" County T (2)

[redacted]

Beckley, Scott (71)
Buckhannon,Lewis (74)
Bunker Hill,Ridgeway (74)
Burlington,Baker (74)
Charleston R (71)
" Bollinger (71)
Clarksburg,Benedum (74)
Elk Garden (74)
Elkins A,R (74)
Glendale (74)
Greenbrier (74)
Hinton (74)
Hollidays Cove
" Weirton (74)
Huntington R (71)
Logan (71)
Marlinton (74)
Martinsburg A,R (74,75)
" North End (75)
Moorefield (74)
Morgantown A,R (74)
New Cumberland,Herson (74)
Parkersburg,Stewart.
" Wood Co. (71) (75
Paynesville H (71,107)
Pence Spgs, Hinton
Alderson (74)*
Petersburg (74)
Princeton (71)
Ravenswood (71)
Romney (74)
Ronceverte (74)
Spencer,Roane Co. (71)
Sutton (74)
Terra Alta,Forman(74)
Weston,Bennett (74)
Wheeling-Ohio Co.(74)
White Sulphur
" Greenbrier AAF(74)
Williamson,Morris(71)
Winfield,Clark (71)

[redacted]

Amery (14)
Antigo (15)
Appleton,Outagamic Co. (15)
Arbor-Vitae (15)*
Ashland (14)
Baraboo,Bell-Aero (34)
Beaver Dam (34)
Black River Falls
" Jackson Co. (14)
Bloomer,Pines (14)
Boulder Jct.,Jefferson (15)
Boyceville (14)
Brodhead,Bill's (34)
Camp Douglas -
Camp Williams (31)
Camp McCoy (31)
Cedarburg, Grob (34)
Chetek (14)
Chippewa Falls (14)
Clintonville (15)
Colby-Abbotsford (14)
Dallas (14)
Darlington,Red Rock(31)
De Pere, Nicolet (15)
Durand,Schlosser (14)
Eagle River (15)*
Eau Claire (14)
" (Mun.) (14)
Elkhorn (34)
Fifield,Boyd's Mason Lake (14)*
Fond du Lack (34,16)
Genesee FM (34)
Green Bay,Brown Co. (15)
" East Side (15)
Green Lake (15,34)
Hales Corner, Wisconsin Skyways (34)
Hayward (14)
Hudson Fly. Svc. (14)
Janesville City (34)
" Rock Co. (34)
Kenosha A,FM (34)
Kohler (15, 34)
La Crosse A,R (31)
" Int (31)
Ladysmith,Rusk Co.(14)
Lake Delton, Wisconsin Dells Lake Delton(34)
Land O'Lakes, King's Gateway (15)
Lone Rock R,A (31)
Madison R (34)
" Morey (34)
" Four Lakes (34)
" Truax (34)
Medford,Taylor Co.(14)
Manitowoc (15)
Manitowish,Northern(15)
Marshfield,Lakes (14)
Merrill (15)*
Milwaukee R (34)
" Brown Deer (34)
" Curtiss-Wright (34)
" Mitchell T (34)
" Skyhaven (34)
" Maitland (34)
Monroe,Badger (34)
Neenah,Val'y Arwys(15)
Neillsville (14)
Oconto Falls (15)
Omro, Ginnow (15)
Oshkosh
" Winnebago Co.(15,34)
Phillips (14)
Phillips, Price Lake (14)
Plymouth,Sky Village (15, 34)
" Chaplin (15, 34)
Portage,Misel (34)
Pulaski, Kubiak's (15)
Racine,Horlick-Racine (34)
Rhinelander (15)
Rice Lake (14)
" Arrowhead (14)
Richland Center (31)
Shullsburg (31)
Shawano (15)
Sparta,Sparta-Angelo (31)
Spooner (14)
Stevens Point (15)
Sturgeon Bay
" Cherryland (15)
Sturtevant, Air City(14)
Superior, Richard Bong (14)
Three Lakes (15)
Tomah (31)
Tomahawk (15)*
Washington Island(15)*
Watertown (34)
Waukesha Co. (34)
Waupaca (15)
Waupun (34)
Wausau, Alexander(15)
" Wisconsin Val'y (15)
West Bend Fly.Svc.(34)
Whitewater (34)
Wisconsin Rapids -
Nepco Tri-City (15)

[redacted]

Afton (23)
Archer LFM (27)
Basin (7)
Big Piney (23)*
Buffalo (7)
Casper R (26)
" AAF T (26)
" Casper Central (26)
" Wardwell (26)
Cheyenne R,T (27)
Cody (7)
Cokeville (23)
Cowley, Cowley-
Lovell-Byron (7)
Douglas A,H (26)
Dull Center,Hoadley(27)
Egbert FM (27)
Evanston (23)
" (new) (23)
Fort Bridger R,A (23)
Gillette Arpk (7)
" Mun. (7)
Greybull (7)
Jackson (23)
Kemmerer (23)
Knight (23)
Lander (26)
Laramie R (26)
" General Brees (26)
Lingle (27)
Lusk (27)
Meadows FM (27)
Medicine Bow (26)
Midwest FM (26)
New Castle, Mondell(27)
Parkerton FM (26)
Pine Bluffs (27)
Pinedale (26)
Point of Rocks FM(26)
Powell (7)
Rawlins (26)
Riverton (26)
Rock Springs (new)(26)
" (old) (26)
Saratoga (26)
Sheridan R,LFM (7)
" Sheridan Co. (7)
Silver Crown FM (26)
Sinclair R,A (26)
Sussex (26)
Thermopolis (26)
Torrington (27)
Ucross FM (7)
Wormuther (26)
Thestland (27)
" East Side (27)
Worland (26)

(55)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

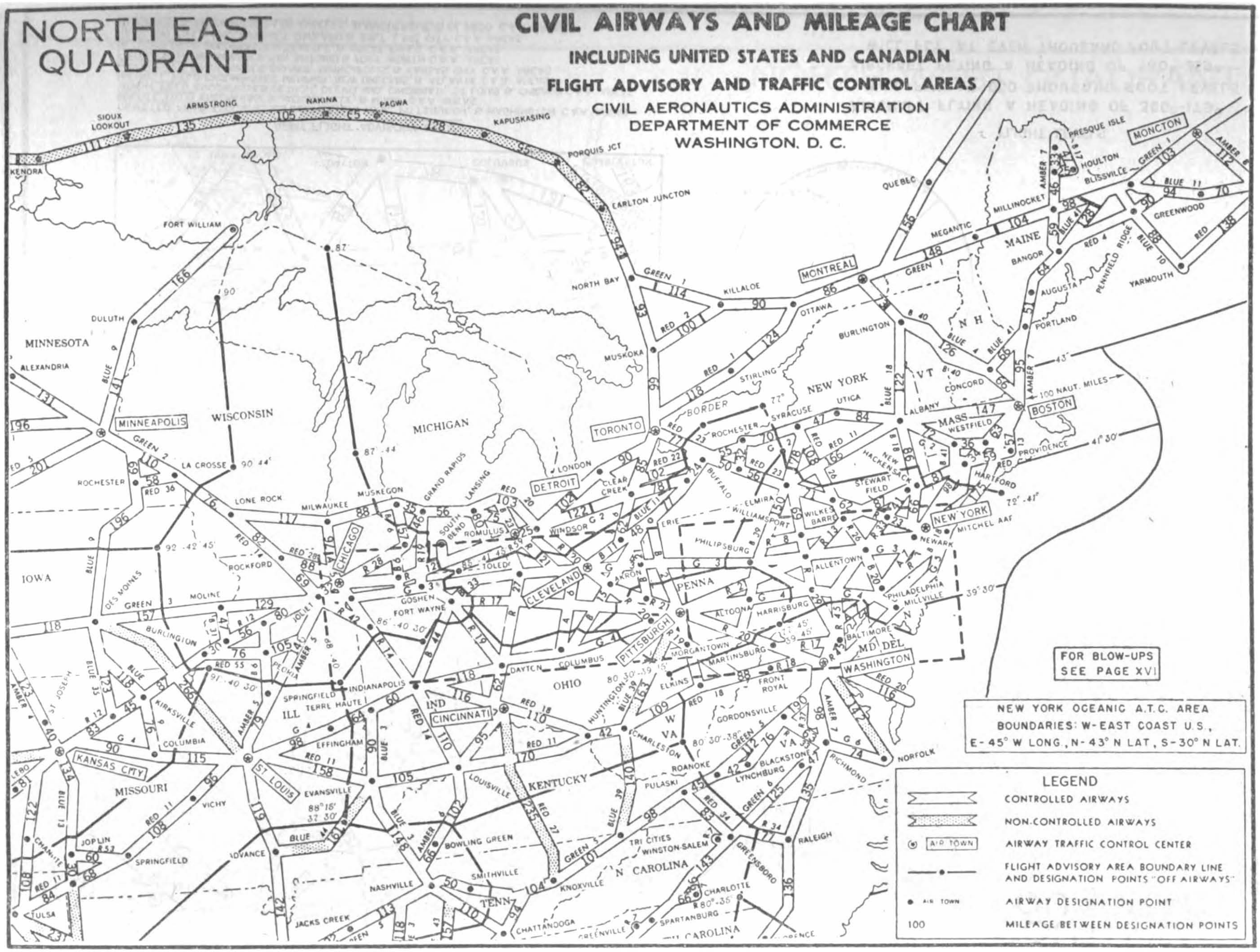
NORTH EAST QUADRANT

CIVIL AIRWAYS AND MILEAGE CHART

INCLUDING UNITED STATES AND CANADIAN

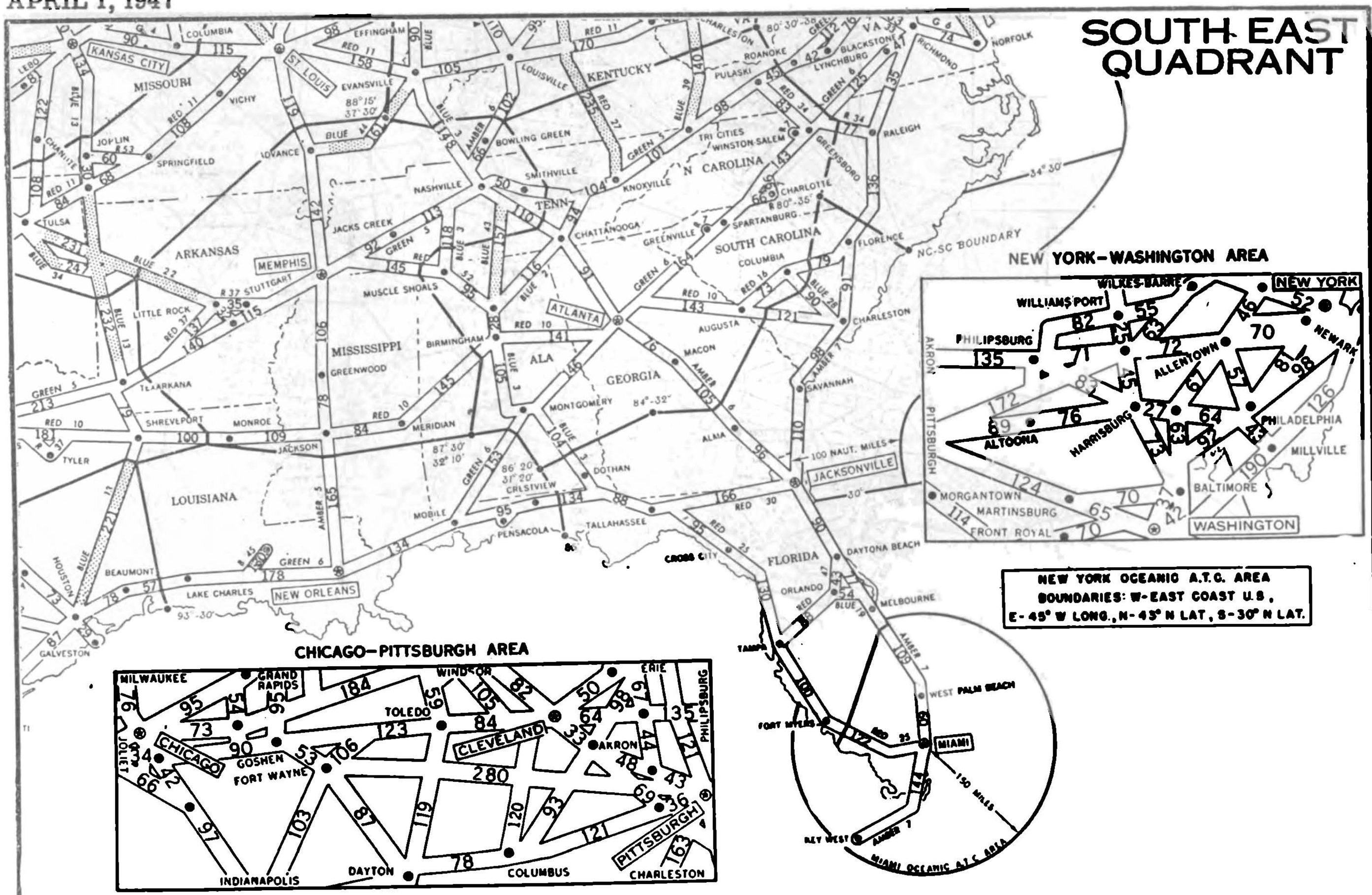
FLIGHT ADVISORY AND TRAFFIC CONTROL AREAS

CIVIL AERONAUTICS ADMINISTRATION
DEPARTMENT OF COMMERCE
WASHINGTON, D. C.



APRIL 1, 1947

SOUTH EAST QUADRANT



NEW YORK–WASHINGTON AREA

CHICAGO–PITTSBURGH AREA

NEW YORK OCEANIC A.T.C. AREA
BOUNDARIES: W-EAST COAST U.S., E-45° W LONG., N-45° N LAT., S-30° N LAT.

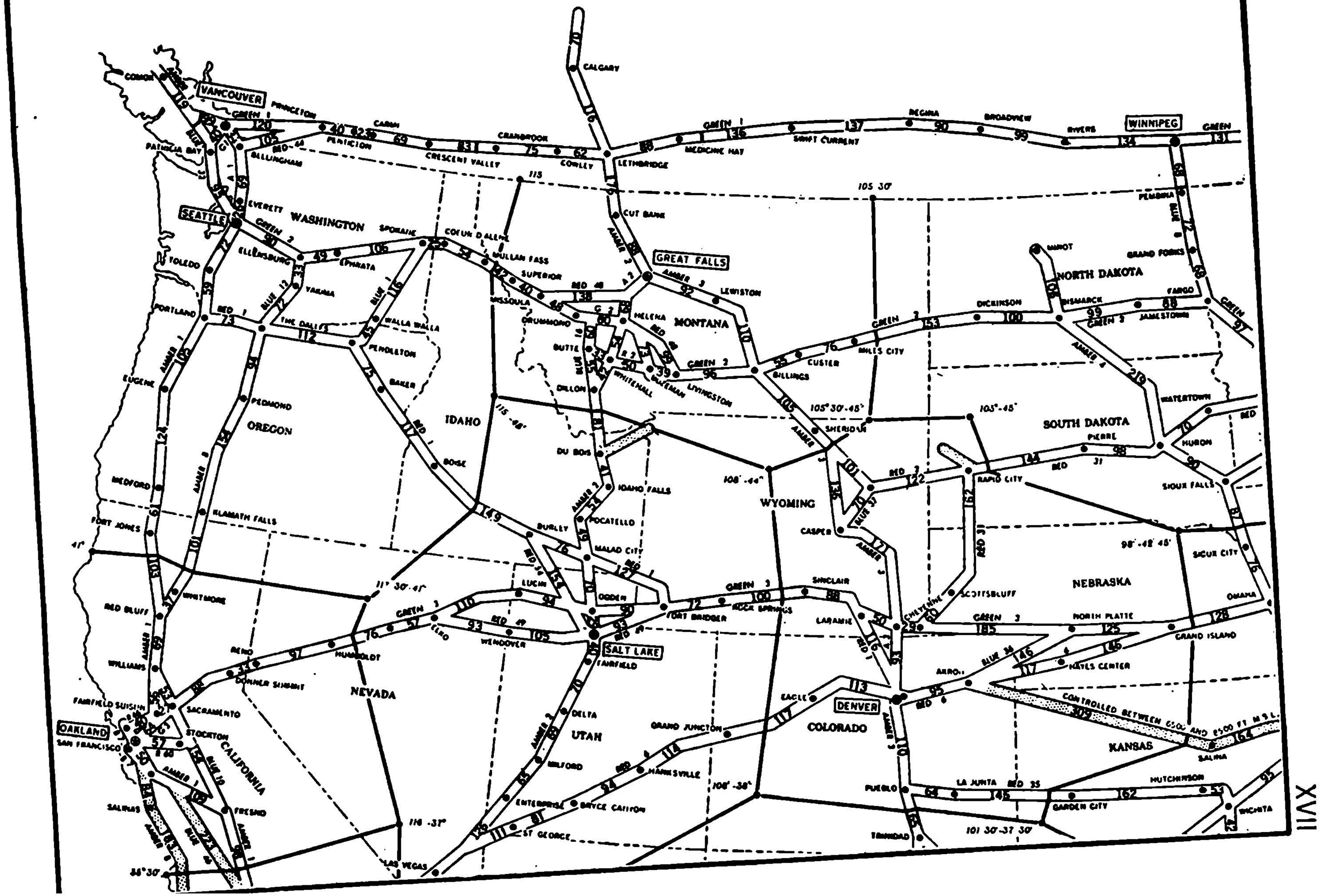
ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
MacDILL FIELD ENCOMPASSES: JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES: DETROIT, CLEVELAND, CINCINNATI, ST. LOUIS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES: MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. AREAS
LOWRY FIELD ENCOMPASSES: DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. AREAS
FORT WORTH ENCOMPASSES: SAN ANTONIO, & FORT WORTH C.A.A. AREAS
McCHORD FIELD ENCOMPASSES: SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES: OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES: LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

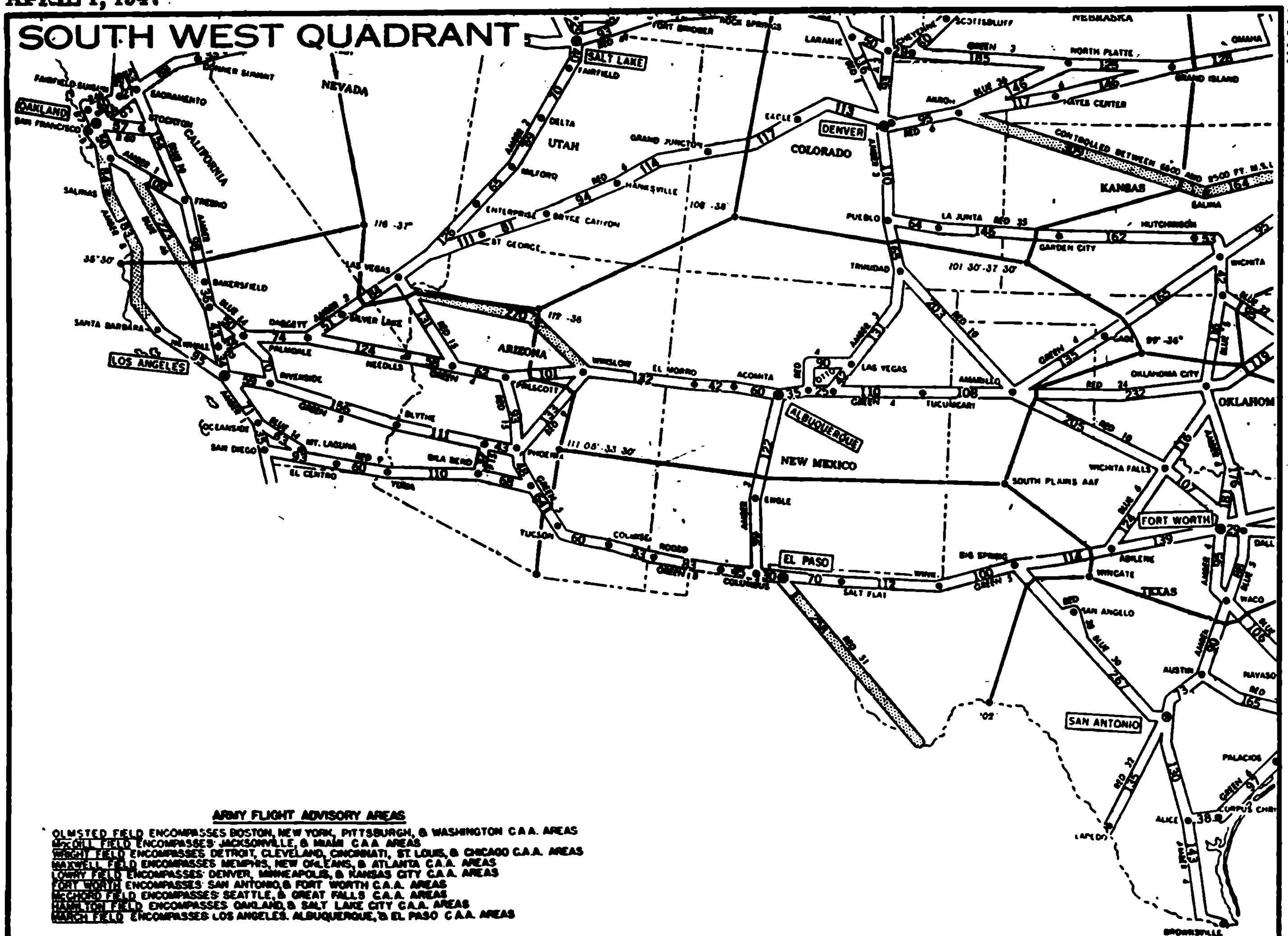
FLIGHT LEVELS

AIRCRAFT FLYING A HEADING OF 360°-179°
WILL FLY AT ODD THOUSAND FOOT LEVELS
AIRCRAFT FLYING A HEADING OF 180°-359°
WILL FLY AT EVEN THOUSAND FOOT LEVELS

NORTH WEST QUADRANT



SOUTH WEST QUADRANT



ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
MacDILL FIELD ENCOMPASSES JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES DETROIT, CLEVELAND, CINCINNATI, ST. LOUIS, & CHICAGO C.A.A. AREAS
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McCHORD FIELD ENCOMPASSES SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

RADIO — OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-DTV,150°,4.5	(4); 116.1 (ILS-W)
PORTLAND (AAB)	332 (PDX)(116.1,111.1)	SBRAZ-DTV,171°,3.1	(3);116.1,122.1
REDMOND (Roberts)	368 (RG)(116.1)	SBRAZ-DTV;101°,4.3	(4);116.1
THE DALLES	230 (ND)(116.1)	SBRAZ-DTV,251°,2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3);142.74(8-sunset,later on req)
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland

RADIO — WASHINGTON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BELLINGHAM	209(JJ)(116.1)	SBRAZ-DTV,114°,2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
➤ ELLENSBURG (Bowers)	385(EBI)(116.1,111.1)	SBMRAZ-DTV,270°,2	(4);116.1,122.1
EVERETT (Paine)	224(MII)(116.1,111.1)	BMRLZ-DTV,330°,3.1	(4);116.1,122.1
HOBART FM	(- -)	FM, 88°, 15	Seattle
LA CENTER FM	(- - - -)	FM;331°,12	Portland, Oreg.
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-DTXV;296°,2.8	(3);116.1,122.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Int.)	239 (GL) (116.1)	BMRLZ-DTV,236°, 2.8	(4); 116.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74, 126.18)	CN(GCA);303°,3.3	(3);142.74,126.18. Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3) ;3155;142.74 (24 hrs advance notice)
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.
➤ YAKIMA	320(YAI)(116.1,111.1)	BMRLZ-DTV	(3); 116.1, 122.1
Yakima Co. Airport	278 (118.5)	C; 267°, 4.7	(4); 118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MAHLON SWEET (L6)	109.9	333.8	159°Mag.	IM-	MM- ·-·- (0.63)	OM- -- (4.5)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; **2-VHF Range** Station Location Marker; (3)-3105, 4495, **6210** kcs; (4)-3105, 4495, 6210, **3117.5 kcs.** Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	210	33	Brush N.
Albany	2.5 NE;RR NW	235	26 S6	73,80 oct. Poles W, SW.
* Arlington Int, 12B, PD-SM	1.4 ENE;riv NW	872	50 L3	
Bend	5.5 ENE;hwy S	3429	40 S6	80,91 oct. Pwrline SE.Use strips.
Clatsop Co. (Astoria)	3.5 W;riv E	10	57h	
Coastway School of Aeronautics (Tillamook)	1.4 E;hwy W	55	29 S2	80 oct.
(P)Corvallis	4.9SSW;RR E	235	52h S6	80,91 oct.
Corvallis Junction	1.3 NNE;RR W	240	20 S6	80,91 oct. No sto.
Dallas	1.2 N;RR S	400	23 S1	80 oct. Poles WSW.
Eugene Airpark	1.6 SW;rd W	420	28 S6	73,80 oct.
Harrisburg	2 NNE;RR E,W	300	25 S1	80 oct.
Hood River	2.5 S;riv E	605	19 S1	Ltd fuel lgt acft only.
Langmack (Sweet Home)	2 E;hwy N	550	24	80 oct. Poles W.
Lebanon	1.3 SW; RR E	340	21 S4	80 oct.
(A)Madras (A)	2 NNW;RR SE	2420	74h	CLOSED.

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
MAHLON SWEET (Eugene)	8 NW;RR NE	365	52h R3 L6	No tower.
McMinnville	3.1 ESE;hwy W	156	50h S4	80,91 oct.
(P)McNARY (Salem)	2.2 SSE;RR SW	207	55h L5 S4	80 oct.;91 oct emerg.No sto.
(P)Newport	4 S;ocean W	160	51h L5 S4	80 oct.No sto. Lgts on req.
Prineville	2.9 SW;hwy SW	3240	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW;RR E	195	23 S1	80 oct. Cattle on fld.
(P)Roberts (Redmond)	1.5 SE;hwy N	3075	70h R1 L5 S6	80,91 oct. Port rnwy lgts on req.No bcn.
Santiam Junction Flight Strip (Idanha) (NC)	21.5 SSE;hwys N	4000	30	Trees W, E.
Sky Haven (Brooks)	1.6 NE;RR W	180	17 S1	Ltd 80 oct.
(P)The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N)Tillamook NAS (N)	3 SE;riv N	35	50h R2 L5 S4	91 oct. Used by LTA,HTA.
Vernonia (NC)	2.4 WSW;riv S	620	29	
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willametto Arpk. (Eugene)	4.8 W	420	25 S1	80 oct.

AIRPORTS — WASHINGTON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N)Arlington NAAS (N)	3 SW;hwy W	129	50h	INACTIVE.
Barker & Dean (Mt. Vernon)	2.2 S;RR,riv W	4	20 S4	73,80 oct. No sto. Trees NW.
(P)BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S4	80,91,100 oct. Fld lgts prior req.
Blaine	0.5 E;RR W	15	18 S1	80 oct. ARPT OF ENTRY.
(P)Bowers (Ellensburg)	2.5 NE;hwy S	1767	59h R1 L5 S6	80,91 oct. Ctc lgts prior req.
Cameron (Kittitas)	0.5 N;RR S	1650	26 S2	80 oct.
(P)Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct. No sto.
Clallam Co. (Port Angeles)	2.9 WNW;RR NW	290	52h S2	80 oct.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW	110	33 S2	80 oct.Pole lines ESE,WNW.ARPT OF ENTRY
(N)Coupeville OLF (N)	2 SE	193	54h	
* Easton Int,5B,SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
Everett	2.7 NNE;riv N	15	21 S4	80 oct. 30' hangar W
(P)Fancher (Wenatchee)	2.5 NE;riv W	1440	33h L3 S6	80 oct. Fld lgts prior req.
Forks (NC)	1 SW;rd S	286	23	75' trees E. HAZARDOUS.
Goldendale (NC)	0.6 SE;RR W	1600	20	Pole line E,SE.Ditch center.HAZ-ARDOUS.
Ilwaco	1.5 ENE;riv S	8	20 S2	80 oct.
Intercity,USFS (Winthrop)	4 SSE;riv SW	1650	32 S1	73,91 oct. Mtns SE.
Kelso,61A,SF-SA	1.4 S;RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE,SSW.
(P)Moon Island (Aberdeen)	6 W;harb N,S	14	50h L5 S6	80, 91 oct.
(N)Mount Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S;hwy E	190	50h S4	80 oct. Trees W.
➤ Orcas Island (East Sound)	0.7 N;hwy E	25	24 S2	80,91 oct.
(P)Paine (Everett)	6.5 SW;hwy NE	598	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3 ESE;hwy S	1246	46h L5	Contact lgts prior req.
Pasayten,USFS (Winthrop) (NC)	38 NW;riv E	4250	28	Use in emerg.only.Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91,100 oct. Lgts prior req.
Quillayute	0.7 NNW;	195	50h	8 mi. W of Forks.
(N)Shelton NAAS (N)	2.5 NW;hwy ENE	278	52h	Tower NW. INACTIVE
Skagit Valley Air Svc.(Burlington)	0.7 S;RR E	35	20 S1	80 oct. Stack N.
Snohomish	0.9 SW;RR N	16	30h S6	80,91 oct.Rnwy data unver,Poles ESE
➤ Snoqualmie Pass (North Bend)	3.5 ESE;hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo-Winlock Int,63B,SF-SA	3 NE;riv S	371	50h R1 L3 S1	80, 91 oct.
Toppenish	3.2 SSW;hwy E	835	32 S5	80 oct.
Twisp	1.9 SE;riv S	1620	19 S1	80 oct.Trees,hills WNW.
Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct.
(N)Whidbey Island NAS (N)	3 NW Oak Harbor	17	70h R2 (L6) S2	91, 100 oct.
YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	73,80,100 oct. Pole line S.

NEW AIRPORTS

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page IV) NC (not charted). ➤ NEW OR REVISED DATA

2 SEATTLE

: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA

FOR DETAILS IN THE PORTLAND AND SEATTLE AREAS SEE CHART 143

TO EPHRATA

SPOKANE 3

TO PENDLETON

MEDFORD 19

OVER

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 4 QUADRANTS.

DOROTHY SCOTT
TONASKET
COLVILLE
OKANOGAN No. 1
OKANOGAN LEGION
NEWPORT
HAFER'S
SPOKANE 365
DEER PARK
SANDPOINT
COEUR D'ALENE 347
EUREKA
LIBBY
ANDERSON
CALKINS AIR TERMINAL
EPHRATA 269
CHELAN
DAVENPORT
SPOKANE AAF 245
FELTS 278
COEUR D'ALENE AIR TERMINAL
THOMPSON FALLS
WILBUR
COULEE CITY
EPHRATA
HARRINGTON
SAVAGE
GEIGER AAF
SPRAGUE
HARRINGTON
LEMEN
WEEKS
KELLOGG
ROSALIA
ST MARIES
MOSES LAKE AAF
RITZVILLE
TEKOA FLY. CLUB
MULLAN PASS 206
LIND
LA CROSSE
WASH. S D.A.
WASHTUCNA
PULLMAN-MOSCOW REGIONAL
CONNELL
WASH. B D.A.
ASOTIN CO.
OROFINO
TOUCHET VALLEY
WALLA WALLA 212
LEWISTON
SUNNYSIDE
NAS. PASCO
RICHLAND
PROSSER
VISTA OLF
MARTIN
KAMIAH
WALLA WALLA AAF 396 126.1
TWIN CITY
SKY RANCH
PENDLETON 278
IDAHO CO.
HERMISTON
OREGON SKY RANCH
BOARDMAN
CABBAGE HILL
PENDLETON AWYS SER.
ENTERPRISE
JOSEPH
On request
LEXINGTON
LA GRANDE 329
PENDLETON 341
PILOT ROCK
LA GRANDE
McCALL
BAKER 221
BAKER
JOHN DAY
WEISER
CASCADE
PAYETTE
PAYETTE
ONTARIO
BOISE 350

MONT.
WASH.
IDAHO
ORE.
ORE. IDAHO
IDAHO MONT.
STATUTE MILES
TO SUPERIOR
GREAT FALLS 6
GREAT FALLS SEATTLE
SEATTLE SALT LAKE CITY
TO ELLENSBURG
TO THE DALLES
SEATTLE 2
ELKO 22

OVER

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COEUR D'ALENE (Air Term.)	347 (KO)	BMRLZ-DT;321°,5.2	(4)
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
MONTANA			
MULLAN PASS	206(MN)(116.1)	BMRLZ-DTV	(4);116.1
OREGON			
→ BAKER	221(BK)(116.1,111.1)	SBRAZ-DTV;116°,1.8	(4);116.1,122.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE	329(IU)(116.1)	MHTV	(4);116.1
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
PENDLETON	341(PO)(116.1,111.1)	SBRAZ-DTV	(3):116.1 122.1
Pendleton Field	278 (118.7)	C; 247°, 2.3	(4);122.5,118.7
WASHINGTON			
EPHRATA	269 (EP)(116.1)	BMRLZ-DTV;336°,3.9	(4):116.1
FELTS (Spokane)	278 (118.5)	C,331°,1.2	(4);118.5,126.18, 122.5
HARRINGTON FM	(- - - -)(111.1)	FM; 236°, 45.3	Spokane
SPOKANE (Felts)	365 (SM)(116.1)	SBRAZ-DTV.	(3);116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-DTV'	(4):116.1
Walla Walla AAF	396(126.18)	CA :182°,3.8	(4);126.18

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. **Range and Voice;** W-Without Voice, Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cascade	1 E; rd N	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3700	23	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	21	Maintained May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;rd W	3295	44 S2	80 oct.20' pole line W.
Kamiah	0.6 SE;RR E	1194	28	Rough. Trees NNW.
* Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	73 oct. 10' dike W.
Landmark, USFS (Knox) (NC)	7.7 ESE	6680	15	Maintained June to Nov.
(P) Lewiston	2 S;riv NW	1426	50h L	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S4	80 oct. Trees W.
Orofino	1.3 W,riv NE	1000	24 S1	80 oct.1000' mtns WNW, ENE.
Payette	2 NE:RR W	2200	35	Road crosses fld SE.
Priest River (NC)	0.9 NNW,RR S	2165	21	Trees E; hill W.
St. Maries	1.2 NW,hwy S	2132	23	
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S,riv W	2120	34 S6	80 oct.
MONTANA				
Eureka	2.7 NNW,RR N	2680	27	Rnwy data unverified.
Libby, USFS	1 NE;riv S,E,W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.
OREGON				
(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE,riv N	635	23 S1	80 oct.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE,RR SW	2713	47h R1 L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR S	1492	63h R2 L5 S6	80 oct for U.A.L.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
Pilot Rock	0.8 E,hwy N	1780	25 S2	80 oct.
WASHINGTON				
Anderson (Pateros)	1.6 SSW;RR N	1100	16	Mtns NW
Asotin County(Clarkston)	0.6 N	760	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct, Trees 200' W.
(P) Chelan	4.7 NE;riv E	1250	34 S2	Fuel. Hills W,N,S.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1150	40 S1	73 oct. 2000' mtn S.
(P) Ephrata	2 SE,hwy NW	1258	73h R1 S6	80 oct.
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS
Hafer's Ranch (Chewelah)	3.6 SSW;RR E	1700	18	
* Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	24 S1	80 oct. Posts NE.
Okanogan Flight Strip (Omak)	4 N	1298	47h	
(N) Pasco NAS (N)	2.8 NNW,RR E	402	47h	INACTIVE.
(P) Prosser	1.4 NW;riv SE	685	40 S6	80,91 oct. Trees W.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;RR S	800	30 S1	80 oct. Pwr line WSW.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	31 S1	80 oct. Pwr line SSW.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct, Trees,poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
(N) Vista OLF (Kennewick) (N)	4.5 W;rivs NW	516	35h	
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2 L5 S6	73,91,100 oct
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.
NEW AIRPORTS				

GREAT FALLS

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388 (DZ)	SBRAZ-DT, 332°,1.7	(4)

MONTANA

ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL)(116.1)	SBMRAZ-DTV,319°,0.8	(4):116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4)·116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV)	SBRAZ-DT,327°,3.1	(4)
DILLON (Int.)	379 (DE)	BMRLZ-DT,167°,2	(4)
DRUMMOND (Int.)	296 (DR)(116.1)	SBMRAZ-DT,185°,1.3	(4);116.1
GREAT FALLS	317 (GT)	SBRAZ-DT	(3)
Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4);126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371(HL)(116.1, 111.1)	SBMRAZ-DTV252°,1.9	(4):116.1,122.1
Helena Airport	278(118.9)	C	(4):118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224(LT)(116.1)	SBMRAZ-DTV;247°,2	(4):116.1
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308(MX)(116.1,111.1)	SMRAZ-DTV; 120°, 1.5	(4):116.1,122.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254(SP)(116.1)	BMRLZ-DTV;275°,0.1	(4):116.1
WHITEHALL (Int.)	284 (WW)	SBRAZ-DT,183°,2.3	(4)
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM–	MM–	OM–
					MMK–	OMK–

S-Serol. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	73,80 oct.
Dubois, 23,S1-GT	0.8 SSE	5123	48 R1 L3	30' pole W.
Flying R (Lake)	2.8 SE;lake W	6630	34 S1	Ltd 73 oct.
Moose Creek,USFS (Red Riv.Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to Public
Salmon	4 S;riv W	4045	40 S2	80 oct.Mtns NE.

MONTANA

Basin Creek (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4650	22	Closed to public
Black Bear (Flathead Nat'l Forest)(NC)	26 SE Swan Lake.	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25	(NC)
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S4	80,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;RR W	3810	39 S4	80 oct.
Condon (Flathead Nat'l Forest)(NC)	19 E of Ronan	3690	27	Closed to Public
Conrad	1.1 W; creek S	3530	32 S1	80 oct.
(P) CUT BANK	3 SW;riv 1 E	3899	87h R1L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6008	70h L2	
★ Dillon Int,32, SL-GT	4,6 ENE;riv 2 W	5238	38 R1L3 S1	80 oct.

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int.44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2690	47h L2 S1	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR SE	2870	27	Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80-100 oct.
Gates Park,USFS(NC)	35 W,Choteau	5400	26	Sur by mtns.Closed to public
Geraldine Mun.	0.5 S;RR NE	3200	17 S1	Ltd 73 oct.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW; RR E	3669	70h R2 L5 S6	80,91 oct.ARPT.OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3459	89h R1 L5 S6	73.91.100 oct.JP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3186	38 L4 S6	80,91 oct. All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.Pole line S. Rnwy data unver.
(P) HELENA	2.5 ENE;hwy W	3894	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.Poles NW.
Livingston	6 ENE;RR N,W	4656	62 S2	80 oct.
★ " Int,10,HL-Twin Cities	2 E;RR N	4603	40 R1 L3 S2	80 oct.Poles S.
Meadow Creek (Flathead Nat 1 Forest)	21 ESE Swan Lake	4000	22	(NC) Closed to Public
(P) MISSOULA COUNTY	5.3 WNW;RR N	3200	71h R1 L5 S2	80,91 oct.
Plains	1.3 NNW;RR E	2500	32 S4	80 oct.No sto.30' Poles NW,NE.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only Nov. thru April.
Rainbow Skyport (Gregson)	0.7 N;RR E,S	5030	40 S1	80 oct.
Schaeffer (Flathead Nat'l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.Closed to Public
Seeley Lake (NC)	1.5 WNW;lake SE	4150	20	Trees NW.
Sheridan	1.5 SE;RR W	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat 1 Forest)(NC)	14 ENE Swan Lake	3800	22	Closed to Public
Stevensville	2 ENE;riv 2 W	3620	30 S2	80 oct.
★ Superior Int,36B,SA-HL	1 S;RR SW	2700	35 R1 L2	Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L2 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38	
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only.
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.

NEW AIRPORTS

Gardiner, Mont.	1 NNW;RR S	6200	22	

h-Hard Surfaced runways R-Rotating beacon L-Lighting facilities S-servicing (see page 17) (NC)-Not controlled. → NEW AIRPORTS

6 GREAT FALLS

R: EXTREMELY HAZARDOUS U: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.

115° 114° 113° 112° 111° 110°
49° 48° 47° 46° 45° 44°
25 0 25 50 STATUTE MILES

QUARTER CIRCLE M.C. RANCH
CUT BANK 263
LETHBRIDGE 147
78
228
CUT BANK U
TOOLE CO.
CHESTER
48
FLATHEAD CO.
KALISPELL
VALIER
AMBER 2
CONRAD
309
88
CHOTEAU
130
197
FORT BENTON
GREAT FALLS MUN. 278(118.7,126.18)
GERALDINE
TANNER
GREAT FALLS 317
GREAT FALLS AAF 219(126.18)
TO MULLAN PASS
PLAINS
POLSON
MISSOULA 308 (116.1,111.1)
185
154
SUPERIOR
95
MISSOULA CO.
ALBERTON 15
107
12000
CASCADE 20
10000
A 2
166
CRAIG
34
BELT 22
266
STANFORD 29
LEWISTOWN 353
10000
92
90
A 3
GEYSER
RED 48
185
22
11000
HELENA 371 (111.1,116.1)
HELENA 278 MC 118.9 MC
McDONALD PASS 16
SUPERIOR 254 (116.1)
276
90
CARRISON
252
G 2
72
WINSTON 15
56
HALE
DRUMMOND
STEVENSVILLE
DRUMMOND 296 (116.1)
WHITE SULPHUR SPRINGS
BILLINGS 7
DEER LODGE
HAMILTON
334
99
BUTTE
HOMESTAKE 21
TOWNSEND
280
LIVINGSTON 224 (116.1)
SIXTEEN
RAINBOW
279
WHITETAIL 16
GALLATIN
BUTTE 233 (116.1)
95
256
78
247
RED 2
WHITEHALL
GREEN 2
67
247
13000
LIVINGSTON
TO BILLINGS
SPOKANE 3
MONT.
IDAHO
DILLON 379
WHITEHALL 284
SHEFIDAN
TWIN BRIDGES
77
257
BOZEMAN 329 (116.1)
319
313
GARDINER
SALMON
DILLON
MONT.
WYO.
GREAT FALLS
SALT LAKE CITY
329
152
DELL
CHALLIS
FLYING R
WEST YELLOWSTONE
DUBOIS 388
DUBOIS
IDAHO
WYO.
73
253
332
IDAHO FALLS

OVER
SALT LAKE CITY 23

BILLINGS 7

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

110° 109° 108° 107° 106° 105° 30' 105° 25

STATUTE MILES 0 25 50

49°

48°

47°

46°

45°

44° 30'

GREAT FALLS 6

BISMARCK 10

TO GREAT FALLS

TO DICKINSON

MINNEAPOLIS GREAT FALLS

SCOBEY

CHINOOK

HAVRE CITY-CO.

HARLEM

MALTA AIRPK.

ETCHART

VALLEY CO.

GUSTAFSON-ANDERSON

WOLF POINT

FORT. PECK

VINE

CIRCLE

JORDAN

DENTON

LEWISTOWN

FOREST GROVE

MOORE

LEWISTOWN 353 (116.1)

HARLOWTON

ROUNDUP

BILLINGS 400 (116.1)

CUSTER (W) 215

MILES CITY

MILDRED

LAVINA

OUSTER

GREEN 2

FORSYTH

MILES CITY 320 (116.1)

NIBBE 25

RAPELJE

BILLINGS 278 (118.7)

BIG TIMBER

LIVINGSTON 224

COLUMBUS

PARK CITY 21

BILLINGS 4

ZELKA

BIG HORN CO.

BONES BROS. RANCH

ST XAVIER

RED LODGE

MONT. WYO.

COWLEY-LOVELL-BYRON

POWELL

SHERIDAN CO.

SHERIDAN 2

UCROSS 17

SHERIDAN 239 (116.1)

DENVER

CODY

GREYBULL

BASIN

BUFFALO (R)

GILLETTE MUN.

GILLETTE ARPK.

GREAT FALLS SALT LAKE CITY

ROCK SPRINGS 26

CASPER 269

TO HIGHLIGHT

OWR

17 90 197 270 146 94 145 142 326 325 297 118 208 28 238 60 240 50 229 67 247 159 298

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-DTXV	(3):116.1
Billings Airport	278 (118.7)	C(ILS-W);247°,1.3	(4);118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ:230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-DTV,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-DTV,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings
[redacted]			
SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1)	SBRAZ-DTV,298°,1.3	4);116.1
UCROSS FM	(. . - -)	FM, 116°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS	110.3	335	253° Mag.	IM-	MM- ·--·(0.6)	OM- --(4.3)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Big Horn Co.(Hardin)	2.3 ESE,riv W	3000	31	(NC)
* Bigtimber Int,13A, HL-Twin Cities	2.5 SSW,hwy N	4450	43 L3	
(P)BILLINGS	2.5 NW,RR S	3612	57h R3 L6 S6	73,91,100 oct.
(P)Bones Bros.Ranch (Birney)	2 ESE,crk W	3500	29 S2	No fuel. ROUGH
(P)Chinook	2.8 NNE,rd W	2480	42	
Circle	1.3 E,RR N	2400	21	
(P)Columbus	1 ESE,RR N	3575	50 S1	80 oct.Poles W,E,NW.
Custer Int,25,HL-Twin Cities	2.3 E,riv NE	2868	42 L3	
Denton	2.2 SSW,RR N	3850	26 S4	73 oct.
Etchart(Tampico)	0.5 NNW,RR S	2100	29 S2	80 oct.Trees SE.
* Forsyth Int,30,HL-Twin Cities	3 ENE,riv N	2722	30 L3	
Fort Peck	1.6 W,hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW,RR S	2040	26 S6	80 oct.Poleline E.
Harlem	2.3 NNE,RR E	2560	24 S2	80 oct.
(P)Harlowton	2 WNW,riv S	4400	29 S2	73 oct.
(P)Havre-City-County	4 WSW,lake E	2589	48h S4	80 oct.ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW,RR N	2950	24	
(P)Jordan	1.8 WNW,rd S	2637	40 S1	80 oct. Road W.
* Lavina Int,44B, CX-GT	1 WNW,RR S	3496	39 L3	Use rnwys only.
(P)LEWISTOWN	2.5 SW,RRNW	4177	100h R1 L5S4	80 oct.Rnwy lgts on req.
(P)Malta Airpark	0.8 SW,RR N	2270	31 S4	80 oct.Shrubs NW.No sto.
* Mildred Int,38, HL-Twin Cities	3.4 WSW,rd E	2535	37 L2	
(P)MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N,RR S	1970	33	
(P)Rapelje	1 SE,RR N	4030	38	
(P)Red Lodge	0.5 WNW	5600	29	ROUGH. Road N.
(P)Roundup	1.9 N,hwy S	3500	37	Hwy W.
* St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W.
(P)Scobey	1 NW,RR S	2458	34 S1	80 oct.
(P)Valley County (Glasgow)	1.8 NNE,RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S,hwy W	2350	27 S1	80 oct.
(P)Wolf Point	3 E,riv S	1980	35 S2	80, 91 oct.
Zelka(Hardin)	2 W,hwy N	3002	18	
[redacted]				
Basin	2.5 NE,riv E	3775	34	Hills adj E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	80, 91 oct. Hwy E.
Cody	2 ESE,riv N	5084	47 S6	73,91 oct.Hill E; pole line S.
Cowley-Lovell-Byron (Cowley)	2 NNE,rd NW	4050	32	
(P)Gillette	5.2 NNW	4380	36 S2	73, 80 oct. Hwy E.
(P)Grey Bull	2 NW,hwy S	3900	44 S2	73 oct.
(P)Powell	8 NNW	5054	42 S2	73 oct.
(P)SHERIDAN COUNTY (Sheridan)	2 SSW,hwy E	3961	60h R1 L5 S6	80,91 oct.
NEW AIRPORTS				
Gillette Arpk.(Wyo.)	1.7 ESE,RR N	4650	25 S4	80 oct.Poles NW.
Moore, (Mont.)	0.5 E;RR N	4100	20 S2	73 oct.

hard-surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA

RADIO

NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-DTV,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-DTV,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O'Minot)	209 (UI)	BMRLZ-DT,301°, 3.4	(4)

SOUTH DAKOTA

PHILIP (Int.)	206(IL)	MHT	(4)
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-DTV	(4);116.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
→ SPEARFISH (Black Hills Airport)			DECOMMISSIONED

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Baker	0.8 SSE,hwy N	2290	35 S2	80 oct. Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct. Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P) Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S1	73 oct. RR W.
(P) BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct. No sto.
Bowman	1.5 W,RR N	3000	24	
Chandler(Williston)	3 W,RR SE	1877	24 S6	80 oct.
(P) Crosby	1 N,RR SW	1962	33	
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dunseith (NC)	1.5 S	1715	26	
* Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
* Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct. Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S1	80 oct. Pole line N.
→ Mohall	0.8 WNW,RR E	1650	26 S2	80 oct. Polelines S.
New England	2.4 NE,hwy W	2666	24 S2	73,80 oct. Poleline W
Parshall	1 S,RR N	1970	22	
(P) Port O'Minot(Minot)	1.6 NNE, hwy W	710	58h R1 L5 S4	80,91 oct. No bcn. Pwr line SW.
Rhame	1.5 SW,RR NE	3150	23 S1	73 oct. Pole line S.
Rugby	2 NW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct. Poleline N,NW.
* Washburn Int,4,RK-UI	5.1 N,hwy W	1905	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	73 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct. Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct. Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct. Data unver.
Wyman (Mott)	1 S,dam N		30 S1	80 oct. Data unver.

SOUTH DAKOTA

(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 S6	73, 91 oct.(Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct. Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct. Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct. Poleline SE,W, N, NW.
Philip,81,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct. No sto. Poleline N
PIERRE	3.5 NE,riv SE	1742	69h R1 S1	73 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3234	83h R2 L5 S4	73,91,100 oct. JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.

NEW AIRPORTS

Hettinger (N.D.)	1 NNW;RR S		28 S2	80 oct. Pole line N. Data unver.
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF ENTRY.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page IV) NC (not charted). → New or revised data.

10 BISMARCK

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

105° 104° 103° 102° 101° 100°

49°

25 0 25 50 STATUTE MILES

CROSBY ○
PORTAL
PLENTYWOOD ○
MOHALL ○
121
211
TOWNER ○
RUGBY ○
MINOT 209
PORT O'MINOT Ⓞ
WRIGHT
CHANDLER Ⓞ
WILLISTON
48°
PARSHALL ○
MILLER ○
31
281
JORDAN
FARGO 11
JAMESTOWN 1
SIDE HEAVY LINES DE SIDES OF AIRWAYS
JUDSON
SENSITIVE U.S. BOUNDARIES
SIDNEY Ⓞ
WATFORD CITY ○
167
ILO ✚
WASHBURN ○
158
100
BISMARCK 230 (116.1)
DICKINSON 308 (116.1)
GLENDIVE ○
GLEN ULLIN ○
47°
JUDSON 27
BRISCOLL 30
TO JAMESTOWN
BEACH ○ GOLVA ○
WORTH
4000
256
80
250
MILES CITY 320
69
238
5000
153
100
99
NEW ENGLAND ○
DICKINSON
BISMARCK
4000
AMBER ✚
HURON
219
BAKER ○
WYMAN ✚
REAME ○
BOWMAN ○
347
333
HETTING ✚
46°
MONT.
N.D.
S.D.
BILLINGS 7
MOBRIDGE ○
MINNEAPOLIS
DENVER
MONT.
WYO.
S.D.
168
45°
165
PIERRE 347 (116.1)
BLACK HILLS
NEWELL ○
RUSHMORE
RAPID CITY 221 (116.1)
146
4000
GERONIMO
RAPID CITY AAB 396 (126.1R)
69
BALLEY
246
5000
PHILIP
PHILIP 206
On request
PIERRE
348
122
HIGHLIGHT
10000
66
CHEYENNE 27
105°
44°
100°

FARGO 11

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 8 QUADRANTS.

ROLLA
LANGDON
CANDO
DEVILS LAKE
HARVEY
NEW ROCKFORD
MOHR
MATHENY
JAMESTOWN
DAWSON
BISMARCK
ASHLEY
EUREKA
ABERDEEN
LISBON
ABERCROMBIE
HOMESTEAD
STATE SCHOOL OF SCIENCE
VALLEY CITY
WEST FARGO
WHEATLAND
BRITTON
SISSETON
GRACEVILLE
ORTONVILLE
MILBANK
MORRIS
BENSON
APPLETON
WILLMAR
MONTEVIDEO
MADISON
WATERTOWN
HOVER-HANNEGRETER
MILLER
HELDENFELT
W. W. BOWES
PIERRE
HURON
CARTHAGE
SIOUX FALLS
OMAHA 30
PLANDREAU
BROOKINGS
MARSHALL
REDWOOD FALLS
WESTBROOK
PEMBINA
THIEF RIVER FALLS
GRAND FORKS
CROOKSTON
FARGO
DETROIT LAKES
PARK RAPIDS
BARNESVILLE
WADENA
FERGUS FALLS
ALEXANDRIA

PEMBINA 260
GRAND FORKS 278
JAMESTOWN 344 (116.1)
FARGO 365 (116.1)
FARGO 388 (118.7)
BISMARCK 230
ASHLEY (W) 206
ABERDEEN 329 (116.1)
WATERTOWN 382 (116.1)
HURON 353 (116.1)
WILLMAR 254 (116.1)
ALEXANDRIA 239 (116.1)
SIOUX FALLS 245

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

STATUTE MILES 0 25 50

MINNEAPOLIS 14
MINNEAPOLIS 7
BISMARCK 10

RADIO

MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	239(AE)(116.1)	BMLZ-DTV,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
WILLMAR	254(IW)(116.1)	SBMRAZ-DTV,357°,3.5	(4); 116.1
NORTH DAKOTA			
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-DTV	(3); 116.1
Fargo-Hector Arpt	388(118.7)'	C, 260°, 0.9	(4);[illegible]8.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-DTV,253°,1 5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5 5	Fargo.
WHEATLAND FM	(. . - - .-)	FM, 260°, 25.5	Fargo.
SOUTH DAKOTA			
ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1
HURON (W.W.Howes)	353(HR)(116.1)	BMRLZ-DTV,44°,2.7	(4);116.1
WATERTOWN	382 (WU)(116.1)	BMRLZ-DTV,256°,2.8	(4);116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80 oct.No sto.Fld lgts on req.
Appleton	1,9 NNE,riv S	1010	34 S6	80 oct.No sto.P-line S,SE,
Benson	2.4 NW	1031	22 S2	80 oct.P-line NW SW
Crookston	3 NNW,RR N	875	80 S6	80 oct.No sto.Obst..
Detroit Lakes	2.7 W,RR N	1392	35 S6	80 oct.No sto. sur fld.
Fergus Falls	4.3 W;riv E	1160	20 S6	80 oct.Poleline W
Graceville	0.8 WNW,RR S	1110	16	Poleline S.
Madison	1 S, hwy W	1086	31 L3 S6	80 oct.
(P) Marshall	1.5 W;RR S,E	1167	30 S6	80 oct.P-line S.
Montevideo	2.2 NNE;hwy W	950	25 S1	80,91 oct.P-line NW.
(P) Morris	2.7 WSW,RR N	1134	31 S2	80 oct.Trees,poleline NW
Ortonville	1 ESE,hwy S	1090	21	Hwy W.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct.
Redwood Falls	1.8 NE,riv NE	1025	25 S1	80 oct.Poleline SE,SW.
→ Thief River Falls	3.6 S, riv W	1110	25 S2	80 oct. Trees NW
→ Wadena	1 E,RR NW	1300	30 S4	80 oct.No sto.P-line S,NW
→ Westbrook	1 SE,hwy N	1500	18 S1	80 oct.
→ Willmar,16,HR-MP	1.5 W,RR E	1130	30 R1 L3 S6	80 oct.P-line E.
NORTH DAKOTA				
Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV). NC-(not charted). → NEW OR REVISED DATA.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2025	40 L3	
Cando	1.1 SW,RR E	1490	26 S1	80 oct.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	
(P) Devils Lake	2.5 W,hwy S	1450	43h	Poleline W
(A) FARGO-HECTOR → (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91 oct;100 oct,JP-1 Army.
(P) GRAND FORKS	2.6 WNW,RR S, E	837	49h R1 L5 S6	80,91 oct.ARPT OF ENTRY.
Harvey	1.9 N,RR SW	1605	30 S1	80 oct.
Homestead(Wynd-mere)	6.2 N,hwy W	1100	19 S1	Ltd 73 oct.Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	18 S1	80 oct.
Lisbon	0.8 SSW,RR SE	1151	21 S1	73 oct.Polelines N,S.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S1	80 oct.Poles NE,NW.
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct.
New Rockford	1.5 N	1533	30	
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct.Ngt svcg on req. ARPT. OF ENTRY.
Rolla	0.7 N,lake S		21 S2	80 oct.Data unver.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct.Poleline N;pwrline E.
(P) Valley City, 71,HL-Twin Cities	1.5 NW,riv NE	1375	38h L1	

SOUTH DAKOTA

(P) Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct.Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
Eureka (NC)	6 N, rd W	1895	28	Poles W.
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct.Poles sur fld.
Hofer-Kannegieter (Willow Lake)	1.5 E	1787	22 S2	73 oct.Poleline N.Data unver.
Madison	3.7 ENE,hwyS	1688	26 S2	80 oct.Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
(P) W.W.HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.

NEW AIRPORTS

Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct..Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct. Pwr line SE,NNE.
Britton Mun.,(S.D.)	2 NNE;RR W	1350	24 S1	73 oct.Poles W.

RADIO

MINNESOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DULUTH (Williamson-Johnson)	221 (DH)	SBRAZ-DT, 13°,3.9	(4)
HAMEL FM	(- - - -)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 118°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 238°, 26	Minneapolis
MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-DTV	(3):116.1
WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (118.3) +	AC(ILS):298°3.6	(4):122.5,126.18,118.3,142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WOLD CHAMBERLAIN	109.9 ▬ ·▬·	333.8	354°Mag	IM-	MM- ·-· (0.76)	OM- -- (4.7)	
					MMK-201 ···	OMK-219 --	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet.

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anderson (Cocato)	2.6 ENE,RR S	1020	23 S1	80 oct.Poles S; trees W.
➙ Anoka Flying Service	1.2 SE,riv SW	896	19 S4	80,91 oct.Poles NE;629' twr SE. ARPT
Baudette	1 N, riv NE		27 S2	80 oct. Data not verified. OF ENTRY
(P) Bemidji	3.8 NW;hwy S	1395	57h S6	80, 91 oct.
Brainerd	1.3 SSE,hwy W	1210	25 S6	80 oct.
(A) Camp Ripley (Little Falls)	7.5 N, riv E	1149	70	Water twrs SE. (A)
(P) Carleton (Stanton)	0.7 NE,RR W	870	30 S6	80 oct.Flares on req.Obst sur fld.
➙ Cedar (Minneapolis)	8.5 S, RR W			ABANDONED
Coleraine	0.8SSE;lakeSE	1390	25 S4	80 oct.
Ely	1.2 E	1425	24 S2	Poleline W;trees sur fld.
Faribault	1.6 S,hwy W	1060	20 S1	80 oct. Pwr line W.
(N) Fleming (South St. Paul)	1.8 S;riv NE	822	15h S6	80,91 oct.No sto.Flares on prior req.
➙ Flying Cloud (Minneapolis)	13.8 SW, riv S	900	30 S6	80 oct. P-line S,NE.
Gervais (Tofte)	1.2 NE,hwy S	800	28 S5	80 oct.
Grand Rapids	1.5 SSE,lake NE	1293	22 S2	80 oct.
Hector	0.7 S, RR N	1100	25 S1	80 oct.Poleline W, NW, SW.
Heywood Gull Lake (Nisswa)	1.7 SSW,lake S	1200	26 S1	80,91 oct.Trees,poles sur fld.
(P) Hibbing	4.5 SE,lake NNW	1367	40h S6	91 oct.
Kenyon	0.8 S;RR E,N	1240	20 S1	80 oct.Poleline N, NE.
(P) Lake City (Frontenac)	0.5 SE,RR N	775	44 L3 S6	80 oct.
Le Sueur	1.1 S,riv W	900	24 S4	80 oct.No sto.Rolling.
Litchfield	1.2 NE;hwy N,W	1140	24 S2	80 oct.
Littlefork	1.8 WNW,riv E	1153	19 S2	80 oct. Poleline S.
Mankato	1.7 SE,hwy W	996	33 L1 S6	80 oct.Pwrline E, NE.
(P) Monticello	1.3 NNE,road S	940	50 S6	80 oct.
(P) New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
Northport (White Bear Lake)	3.2 E, hwy N	1000	23 S6	80 oct.
Osseo	2 NE	875	30	Data not verified.
(P) Otis Lodge (Grand Rapids)	7.5 SW,lake S	1293	26 L1 S4	80 oct.
Pleasant Corners (Dodge Center)	2 ESE;RR N,W	1050	13 S1	80 oct.Poles S, W blocked.
Princeton	1 W, RR E		20 S1	80 oct. Data not verified.
Robbinsdale	0.8 NW,RR E	879	14 S6	80 oct. Obsts N, S.
St. Paul	1.5 SE,riv E,N	704	55h L4 S6	80,91 oct.
➙ St. Peter	2.4 NNW,riv E	900	20 S4	80 oct.No sto.P-line S
Sells Flying Field (Mayer)	0.4 SSE	750	12	(NC)
➙ Taylor Falls	1.5 W;riv E	950	23 S6	80 oct.
University of Minnesota (New Brighton)	3.8 N, hwy W	909	34 S6	80 oct. Trees E.
Victory (Minneapolis)	9 N, riv E	860	33 S6	80 oct.

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
➙ Virginia	2 WSW,bet RRs	1429	35 S4	80,91 oct.P-line N.
Waseca	0.5 S,RR NW	1150	39 S1	80 oct. Poleline N,W, E.
(P) Whitney Memorial (St. ➙ Cloud)	1.5 NNW;riv E,N	1034	35 L3 S6	73,80 oct.
(P) WILLIAMSON-JOHNSON ➙ (Duluth)	6.5 NNW,hwy S	1428	57h R1 S6	80,91 oct. Closed ngts. except airlines ARPT OF ENTRY
Winona	4.5 WNW	670	19 L3 S1	80 oct. Bet. RRs.
(A,N) WOLD CHAMBERLAIN ➙ (Minneapolis)	6.5 SSE,hwy S	834	59h R3 L4 S6	80-100 oct. JP-1. Rdo rec required. N blkd. Ltd maint facs for mil acft-
Wyman (Aitkin)	1.3 N,riv S	1200	8	Poles W. Open to all acft.

WISCONSIN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Amery	3.4 NNW,hwy N	1100	26 S1	80 oct.Poleline SE.
Arrowhead (Rice Lake)	1.3 SE,lake SE	1147	24 S4	80 oct.Trees SE.Data unverified.
Ashland	2.5 SSE,RR E	700	22 S3	80 oct. Hi-lines NE, SW.
Boyceville	0.5 SSW,hwy N	948	24 S2	80 oct.Obsts sur fld.
Boyd's Mason Lake (Fifield) (NC)	13 WSW,lake NW	1200	26	
Chetek	1.5 SE,RR S	1050	22 S1	80 oct.Trees N,SE,NW; pole S.
Chippewa Falls	2 S,RR NW	910	26 S2	80 oct.Pole line W, NW.
Colby-Abbotsford (Colby)	1.2 NNW,RR E	1400	19 S1	80 oct.
Dallas	0.7 SSE,RR W	1100	22 S1	80 oct.Pole line S.
Eau Claire	1.5 SSE,riv NW	884	40 S6	80 oct. Obsts sur fld.
(P) Eau Claire Municipal	3.5 NNE,riv NW	885	43h	
(P) Hayward	2 NE,RR NW	1200	30 S1	80 oct.
Hudson Flying Service	3.8 E,hwy N,W	850	15	Pwrline N, W.
Jackson Co. (Black River Falls)	2 E, RR W	855	25 S1	80 oct.
Marshfield	2.3 SSW,hwy W	1253	20 S2	80 oct.
Neillsville	5.7 W,hwy SW	1000	21 S1	80 oct. Trees around fld.
(P) Phillips	1.2 N,riv S	1140	30	Poleline W,SW
Pines (Bloomer)	0.9 E,RR W	1050	16 S1	80 oct. Poles S, W.
Price Lake (Phillips)	12.5 WNW	1140	22 S1	80,91 oct.Trees on all but lake appch.
Rice Lake	3.5 NNE,RR W	1150	37 S1	80 oct. Poles sur fld.
(P) Richard Bong (Superior)	2.3 SW,RR E	674	33 S4	80 oct.Pole line SE. 353' twr NW.
Rusk County (Ladysmith)	2.8 SE,RR SW	1150	11 S1	80 oct.
(P) Schlosser (Durand)	2.4 NNW,riv W	800	32 S1	80 oct.
Spooner	5 N	1072	20 S1	80 oct.Data not verified.
➙ Taylor County (Medford)	2 SE	400	22 S2	80 oct.Pole line N; Rnwy data unver.
➙ Veterans (Menomonie)	0.4 W,riv W			ABANDONED.

NEW AIRPORTS

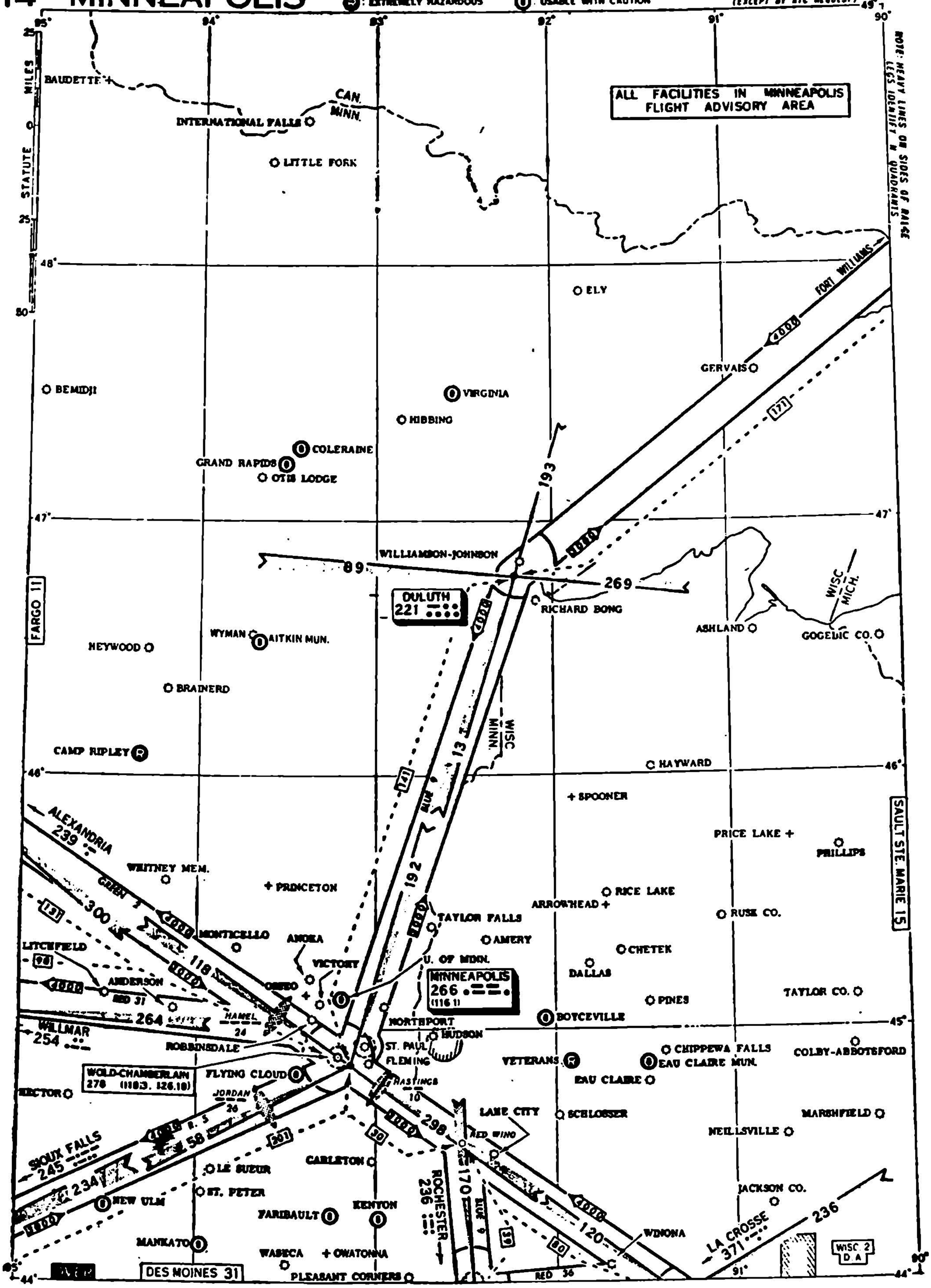
Owatonna (Minn.)	2.7 NW	1138	25 S4	80 oct.Data unver.
(P) INTERNATIONAL FALLS, (Minn.)	2.2 S	1175	30h S4	80 oct.No sto.
➙ Aitken Mun. (Minn.)	1.7 ENE;riv W	1208	26 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). ➙ NEW OR REVISED DATA.

14 MINNEAPOLIS

⊖ : EXTREMELY HAZARDOUS Ⓞ : USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)



NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY H QUADRANTS.

SAULT STE. MARIE
356
(116.1)

PELLSTON
206

TRAVERSE CITY
365
(116.1)

CADILLAC
269
On request

GLADWIN
257
On request

CHICAGO 34 | GRAND RAPIDS 35

GRAND RAPIDS 35 | DETROIT 38

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT IN ATC AREAS)

R: EXTREMELY HAZARDOUS
C: USABLE WITH CAUTION

SAULT STE. MARIE 15

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CADILLAC (Int.)	269(KK)	MHT	(4)
GLADWIN	257 (GU)	MHT	(4)
PELLSTON (Emmet County)	206 (PJ)	MHT	(4) (6-22)
SAULT STE. MARIE	356 (VC)(116.1)	SBMRAZ-DTV,317°,2.2	(4); 116.1
TRAVERSE CITY	365 (TG)(116.1)	SBMRAZ-DTV,319°,2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. ✢ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alger County (Munising)(NC)	4 SSE,hwy E	850	24	Twr N; woods all sides.
Alpena	6.5 WNW;RR S	685	50h	
Amasa (NC)	4 NW	1560	14	Not maintained.
Atlanta	0.8 ESE	875	20	Trees N, NW, W.
Au Gres (NC)	0.9 NNW,hwy S	590	20	Poles NE,SW.
Baldwin (NC)	1.3 SSE,RR W	835	25	
(P) Beaver Island (St. James) (NC)	4.2 SSW	620	35	
(P) Bellaire (NC)	1 NE,RR W,S	614	30	Poles SE;trees surround fld.
Big Lake (NC)	7.3 SW Baraga	1100	20	Trees on all sides.
Blaney Park	0.5 NW;lake N	850	18 S1	80, 100 oct.
(P) Cadillac, 23, TL-VC	2.5 NW,RR E	1297	34 R1 L3 S6	80 oct.
Calvin Campbell Mun. (NC) (Indian River)	0.8 SE;RR,hwy W	602	20	Pole line N,trees E,W,S.
Charlevoix	0.8 SW,lake NW	642	30 S2	80 oct. Poles W,NW,E.
D.A.R.(Rexton) (NC)	1.9 WSW:RR N	900	22	Poles N.
Doherty (Clare)(NC)	1 NE	840	21	Poles S; NE corner rough.
(P) Dr. A. L. Haight (Crystal Falls)	1.3 ENE;lake E	1390	34 L1 S4	80 oct. Bldg SW,WNW.
East Jordan (NC)	1.9 SSE,riv W	640	26	Trees E, W.
(P) Emmet County (Pellston)	0.6 NW,RR E	707	54h R1 L3 S1	80,91 oct. Lgts on req.
Escanaba	2 SSW,hwy E	594	26 S4	73,80 oct.Trees E.
Ford (Iron Mountain)	2.5 W,riv W	1140	23 S6	80,91,100 oct.
Frankfort	1.9 ESE,lake W	650	29 S1	73,80 oct. Sur by hills.
(P) Gladwin	0.5 SSE,riv W	780	35 R1 L3 S2	80 oct. Poles NW.
(P) Grayling	1.3 NW,RR W	1152	50h	
Harrison (NC)	2.3 NNW,hwy E	1100	22	Surrounded by trees.
Hillman	2.8 NW	995	20 S1	Ltd 73 oct.Woods all sides.
Houghton Co. (Calumet)	2 SE,RR W	1200	26 S4	80 oct. Twrs, poles W
Houghton Lake (Houghton Heights)	1.2 WNW,lake NNE	1150	27 S2	73,80 oct.Radio twr W.N, lgtd.
Ishpeming-Dexter (NC)	7 W;RR N,S	1570	25	Poles N.
Isle Royale Sands (Houghton)	2 ESE;lake SW	605	22 S4	80 oct.
Kalkaska (NC)	0.5 WNW,RR E	1020	26	
(A) Kinross (A)	2.5 SE	780	55h	TMP INACT NO FACS
La Porte (West Branch)	6 SE,RR W	890	26	Pole line NW; trees NE, SW.
Luce County (Newberry) (NC)	4.1 SE,hwy S	872	20h	Poles S, trees W.
Mackinac Co. (St. Ignace)	2 NNW,hwy E	600	26 S4	80, 91 oct.
Mackinaw City (NC)	5 S,RR W	700	22	
Manistee-Blacker	4 ENE,riv S	613	23 S4	80 oct.
Marenisco (NC)	1.6 E,hwy N	1551	20	ENE,WSW blocked
Marquette County	7.9 W,hwy S	1412	27 S2	80 oct.
Mason County (Ludington)	1.7 ENE	640	30	Poles S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). ➔ NEW OR REVISED DATA

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Menominee County	5 NNE,bay E	590	27 S1	80 oct. Trees sur fld.
Mio (NC)	1.6 N,hwy W	1050	26	
Northland (Norway)	2 W	1060	33 S3	80,100 oct. Pole line N.
Norway Township (Loretto)	2.4 S,lake N	860	21	Trees on side strips. (NC)
Onaway (NC)	0.6 NNE,RR S	770	24	Trees SW,NW,SE.
(A) Oscoda AAF (A)	3.5 NW,lake E	605	50h	
Otsego County (Gaylord) (NC)	1 SW,RR E	1384	30	Pole line NE.
Pet-O-Se-Ga (Wildwood)	1.8 NW,lake NW	620	20 S2	80 oct.
Petoskey-Harbor Springs (Petoskey) (NC)	4.5 NE,hwy E,N	620	20	Pole line,ridges E, N.
Poschke's (Harbor Beach)(NC)	2.5 W,rd S	670	18	
Presque Isle (Rogers City)	0.7 SSE,hwy E	658	26 S2	80 oct
Prickett (Sidnaw) (NC)	0.5 N,RR SE	1300	18	Use caution.
(A) Raco AAF (A)	4 WSW,RR N	910	55h	TMP INACT NO FACS
Roscommon (NC)	2.5 SE,RR NE	1100	42	Pole line S.
Roscommon Co.(Prudenville)	4.5 N,riv N	1150	24	Trees sur fld. (NC)
St. Helens	0.9 SE,RR NE	1153	26	
(P) Sault Ste. Marie	1 SSW,hwy E	706	36 R1 L3 S4	80,91 oct.All lgts prior req.ARPT OF ENTRY.
Scheidler (Alpena)	6.3 N,hwy NW	590	22 S4	80 oct.Pole lines N, SW.
(P) Schoolcraft Co.(Manistique)	3.3 ENE,lake S	678	31	Approaches 5:1. (NC)
Sky Harbor (Gaylord)	1 WNW,RR N	1355	26 S1	73,80 oct.Pole line S.
Steuben (Manistique) (NC)	20 NW	850	18	Woods all sides.
Timbers Sky Camp (South Branch)	0.2 NE,riv E	950	24 S1	80 oct.
(P) Traverse City	2.1 SE,RR NE	624	52h R1 L5 S6	80,100 oct. No sto.
Watersmeet (NC)	1.5 NNE,RR SSE	1581	24	Poles SE.

WISCONSIN

Alexander (Wausau)	2.5 S,riv SW	1191	27 L4 S4	73,80 oct. Lgts prior req.
(P) Antigo	2 ENE,hwy N	1483	33 S4	80, 91 oct.
Arbor-Vitae (NC)	2.9 W,RR S	1600	22	Pole line E, N.
Boulder Junction	1.5 NW		38 S1	80,91 oct.Data unverified.
Brown County (Green Bay)	2.2 WSW,hwy SE	590	28 S6	80,91 oct.Pole line NE,SE,S.
Chaplin Arpk (Plymouth)	0.5 N,RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay)	2 WNW,bay E	590	40 S2	80 oct.Pole line W,S.
(P) Clintonville	1 ESE,RR SW	828	34 S6	91,80 oct.No sto. Pole line SW.
Eagle River (NC)	1.3 NW,riv NW	1675	32	
East Side (Green Bay)	1.8 SE,RR S	600	19 S1	80 oct. Pwr line N,NE,NW.
Fond du Lac	2.6 ENE,lk NNW	769	26 S2	80 oct. 50' hi-line N.
Ginnow (Omro)	3 N,RR E	800	19 S2	80 oct. Trees SW.
King's Gateway (Land O' Lakes)	0.5 SSE,RR W	1736	31 S2	80 oct. Twr NE; pole line NW.
(P) Kohler	1 N,hwy S	647	30 L1 S6	80 oct. Obst sur fld.
Manitowoc	1.6 NNW,RR W	653	26 L3 S4	80 oct. No bcn. Obsts sur fld.
➔ Merrill (NC)	1.2 NNW	1285	22 S2	80 oct.
Nepco Tri City (Wisconsin Rapids)	2.5 SSW,riv W	950	36 L2 S6	80 oct. Lgts on req.
Nicolet (De Pere)	1.5 S,RR E	620	22 S4	80 oct.Pole line E,W.Data unver.
(P) Northern Lakes (Manitowish)	6.8 E,hwy N	1600	35 S1	80 oct. Trees E,W.
Oconto Falls	2.7 ENE,RR S	600	20 S1	80 oct. Pole line N.
Outagamie Co.(Appleton)	2.2 ENE,RR S	750	29 S2	80 oct. Obsts sur fld.
(P) Rhinelander	2 W,riv SE	1598	37 S2	80 oct. 10' bank NE.
Shawano	2.3 ENE,lk NE	813	40 L S6	80,91 oct.Poles SW.Rnwy data unver.
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver. Lgts prior req.
(P) Stevens Point	3 NE,riv SE	1090	40h S6	73,80 oct.
Three Lakes	0.5 S	1664	23	Bldgs, trees around fld.
Tomahawk (NC)	0.5 WNW	1450	15	
Valley Airways (Neenah)	4 SSW,RR E	750	21 S2	80 oct.P-line E. Data unver.
Washington Island (NC)	0.6 NNE of Detroit Harbor	600	24	
Waupaca	4 ESE,riv N,E	853	25 S1	80 oct.Trees around fld.
(P) Winnebago Co. (Oshkosh)	2 SSW,RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE,N,W.
Wisconsin Valley Inc.(Wausau)	7 S		34 S2	83 oct.Data unver. Rnwy data unver.

NEW AIRPORTS

(P) Masons (Grayling,Mich)	12 ESE;riv N	1000	40 S1	91 oct.
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.
Kubiak's (Pulaski,Wisc.)	1.2 E	781	26 S4	Data unver.

RADIO

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA	221(AW)(116.1)	BMRLZ-DTV;81°,2	(4); 116.1
BANGOR (Dow)	239(BB)(116.1)	SBRAZ-DTV;172°,2.1	(4):116.1
DOW (Bangor)	278 (126.18)+	CA (ILS-W)	(3);126.18,118.7
EAST CORINTH FM	(- - - -)	FM, 352°, 13.5	Bangor.
HOULTON	272(HJ),	MRLWZ;195°,3.1	
LIMESTONE FM	(-)	FM, 57°, 22.3	Presque Isle
MILLINOCKET	344(MT)(116.1)	SBRAZ-DTV;292°,1.6	(4); 116.1
PRESQUE ISLE	388 (ZQ)	SBRAZ-DT;189°,3.4	(4)
Presque Isle AAF	278 (126.18)	AC(ILS-W)	(4);118.7,122.5,116.1.126.18
Presque Isle AAF	365 (RU)	SBMLZ; 9°, 3.8	(4)
NEW YORK			
MASSENA	108.7(ME)	VARW	
VERMONT			
BURLINGTON	323(JG)(116.1)	SBRAZ-DTV	(3); 116.1
Burlington Airport	278(126.18)	C; 151°,2.8	(4):122.5,126.18
GRANDE ISLE FM	(- - - -)	FM, 349°, 15	Burlington
HUNTINGTON FM	(- -)	FM, 151°, 17	Burlington
MONTPELIER (Barre-Montpelier)	257 (UV)	MRLWZ;230°,2.8	
VERGENNES FM	(- - -)	FM, 210°, 25.4	Burlington

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
DOW (L6)	109.9		153° Mag.	IM- (0.06)	MM- ····· (0.81)	OM- -- (4.60)
					MMK-	OMK-
PRESQUE ISLE AAF	109.9		8° Mag.	IM- (0.06)	MM- ····· (0.85)	OM- --(4.47)
					MMK- 201 (0.85)	OMK- 219 (4.47)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MAINE

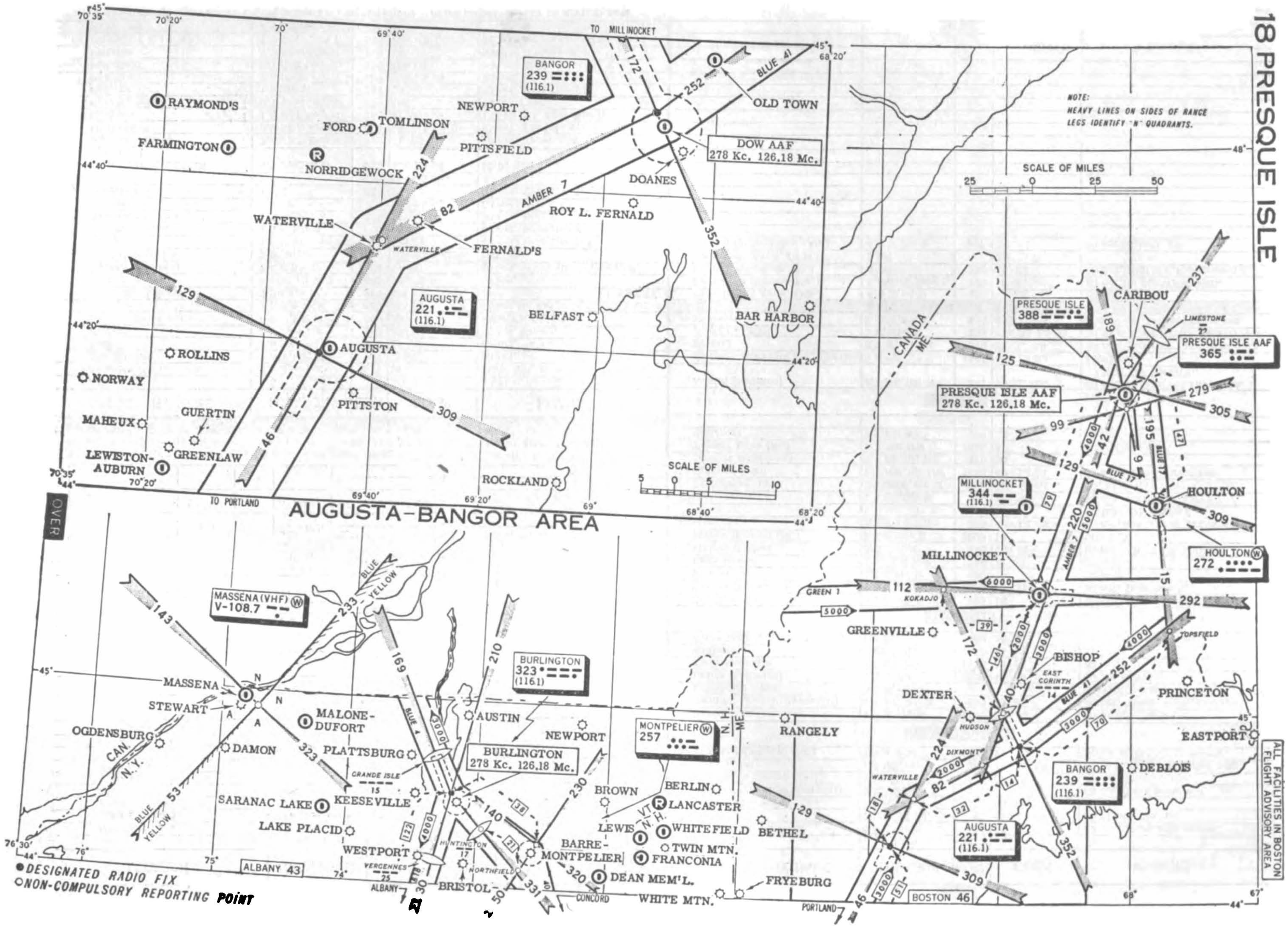
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
AUGUSTA	1.5 WNW,hwy S	354	34h R1 L5 S6	80,91 oct. Fld lgts prior req.
Andover (NC)	2.5 S,hwy E	675	14	1125' hill, pole E.
Bar Harbor	9 NW,hwy W	87	45h S6	80 oct.
Bethel	1.6 NW,RR E	660	20 S1	80 oct.
Belfast	1 SW,hwy E	160	40h S4	80 oct. No sto.
Bishop (LaGrange)	0.8 N,RR W	360	20	WSW,ENE blocked.
Caribou	1 NW,hwy E	623	35h S6	80 oct. No sto. Bldg E. ARPT OF ENTRY.
Deblois Flight Strip	2 SE,riv W,N	219	40h	
(P) Dexter	3 ESE,rd W,S	485	30h S2	80 oct.
Doanes (Brewer)	1.6 S,RR W	100	15 S5	80 oct. Poles NNE; trees SE.
(A) DOW (Bangor)(A)	2 W,RR S	160	70h R3(L6)S4	100 oct.
Eastport	1.5 WNW,hwy NE	70	28h S1	80 oct. Pole line NW.
Fryeburg Arpk	1.3 E,RR S	400	20 S2	80 oct. Pole line S.
Greenlaw (Auburn)	1.8 W,hwy S	238	14 S6	80 oct. Bldg S.
Greenville	2 ENE	1750	30h L3 S1	80 oct.
Guertin (Lewiston)	1 NE	220	12 S2	87 oct. Trees, poles SSW.
(P) HOULTON	2.5 E	493	57h L5 S6	80 oct.
(P) LEWISTON-AUBURN (Auburn)	4.5 SW,RR W	290	45h L5 S4	80,91 oct.
Maheux (Minot)	3.5 NNW,hwy NE	720	21 S6	80 oct. Trees SSE.
Millinocket	0.5 SE,hwy W	404	50h R1 L5 S1	91 oct. Fld lgts prior req.
Newport	1.5 ESE,hwy N	280	21 S1	Ltd 80 oct. Pole line N.
Norridgewock	3.7 W,riv NE,W	270	40h	Trees ENE.
Norway	1 N,RR S	387	18 S1	80 oct. Pole line SE.
Old Town	1.8 NNW,riv N	109	40h L3 S5	80 oct.
Pittsfield	0.7 SSE,hwy E	190	40h S6	80 oct. Sand pile, bldg E.
Pittston	1.8 ENE,RR W	140	18	NW,SW,S blocked.
(A) PRESQUE ISLE AAF (A)	1.5 WNW,RR E	529	68h R3 L6 S4	91,100 oct. No sto. ARPT OF ENTRY.
Princeton	1.5 SSE,hwy NE	250	40h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). ➔ NEW OR REVISED DATA

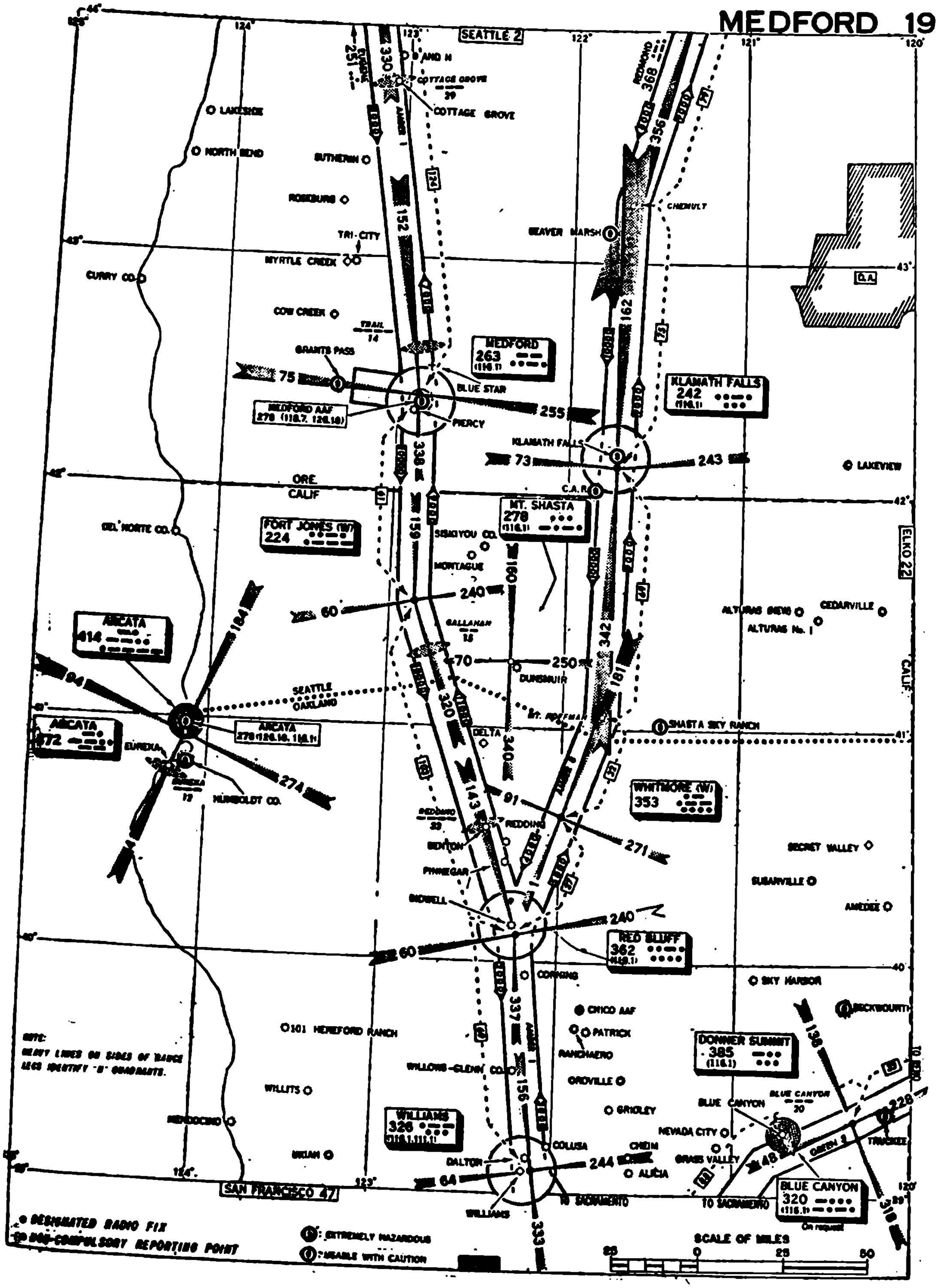
MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Rangeley	1.6 NNW,hwy S	1810	15	
Raymond's (Phillips)	0.8 S,riv E	556	20 S1	80 oct. Rnwy info. unver.
Rockland	3 SSE,rd NE	49	45h L5 S6	80,91 oct. No sto.
Rollins (Turner)	2.5 NNW,rd E	335	20 S6	80 oct.
Roy L. Fernald (Winterport)	3 WNW,hwy S	182	40h L3 S1	80 oct. Lgts prior req.
Tomlinson (Skowhegan)	1 NNE,riv S	240	21 S6	80 oct. Poles S,NW.
Waterville	1.8 SW,riv E	303	40h L5 S6	80,91 oct. Fld lgts prior req.
Weston (Madison) (NC)	1 N,riv W	300	19	Poles WSW. Use in emerg.
NEW HAMPSHIRE				
Berlin	7.5 N,riv W	1140	52h S3	80,91 oct. No sto.
Dean Memorial (Haverhill)	4.1 NE,RR W	570	18 S1	80 oct. Trees N,NW. Rnwy data unver.
➔ Lancaster Arpk.	0.3 N,riv W			ABANDONED.
Lewis (Littleton)	2.5 E,RR S	900	18 S6	80 oct. No sto.
Twin Mountain	0.8 SW,RR N	1430	18 S1	80 oct.
Whitefield	3 ESE,RR N	1030	24 S1	73 oct.
White Mountain (No. Conway)	1.9 SSE	540	20 S4	80 oct. Trees W, NW.
NEW YORK				
Bradley (Watertown) (NC)	2.2 N,RR E,W	435	18	Rough. Pole line W,SW.
Damon (Potsdam)	1.5 E,riv,RR W	460	19 S1	80 oct. Pole line N.
Keeseville	1.4 S,riv W	490	20	Pole W.
Lake Placid	2 SE,RR NW	1750	21 S1	80 oct.
(P) Malone-Dufort	2 W,RR N	790	40h S1	80 oct. ARPT OF ENTRY.
Marcy (Keene) (NC)	2.5 S,hwy E	1000	18	Mtn N,S.
(P) Massena	2.2 E,riv SE	200	40h L1 S6	80 oct. Bcn on req. Trees WSW ARPT OF ENTRY.
(P) Ogdensburg	1.5 SE,RR W	285	30 S6	80 oct. ARPT OF ENTRY.
(P) Plattsburg, mun.	3.4 WSW,riv W	375	50h L5 S1	80, 91 oct.
(P) Saranac Lake	5.3 NW,RR NW	1655	40 L1 S1	80 oct. Bcn on prior req.
Stewart (Massena)	2.1 SE,RR NE	210	20	
Tupper Lake (NC)	1 E,RR NW	1680	8	Use strips only.
Westport	2 S,RR W	285	22 S2	80 oct.
[redacted]				
Austin (Swanton)	1.7 NE,RR W	235	30 L S6	80 oct. No sto. Port rnwy lgts. ARPT OF ENTRY.
BARRE-MONTPELIER (Berlin)	0.8 SE	1149	40h L5 S2	80,91 oct.
Bristol	0.7 W,riv SE	570	22 L S6	80 oct. Port rnwy lgts. 1680' mtn
BURLINGTON	3 E,lake N	334	43h R2 L5 S6	80,91 oct. ARPT OF ENTRY. SE.
Newport	3 SSW,RR E	930	40h L2 S1	Ltd 80 oct. All lgts prior req.
NEW AIRPORTS				
Farmington Arpk, (Me.)	4.5 N;rd W	430	17 S6	80 oct. No sto.
Fernald's (Benton,Me.)	0.6 WNW;hwy S	120	18 S6	80 oct. No sto. WNW blkd.
Ford (Skowhegan,Me.)	1 NNW	230	15 S2	80 oct, Bluff SW. Fairground S
Franconia Arpk, (N.H.)	2 SE		20	
Brown (St. Johnsbury,Vt.)	5.2 N;RR E	807	23 S2	80 oct. Hills W,SW.

AUGUSTA-BANGOR AREA



MEDFORD 19


SEATTLE 2
MEDFORD 19
251
330
AMD H
COTTAGE GROVE
COTTAGE GROVE
LAKESIDE
NORTH BEND
SUTHERLIN
ROSEBURG
TRI-CITY
MYRTLE CREEK
CURRY CO
COW CREEK
TRAIL
14
GRANTS PASS
75
MEDFORD
263
BLUE STAR
MEDFORD AAF
255
PIERCY
338
ORE
CALIF
DEL NORTE CO.
FORT JONES (W)
224
159
SISKIYOU CO.
MONTAGUE
MT. SHASTA
278
KLAMATH FALLS
242
KLAMATH FALLS
73
243
C.A.R.
LAKEVIEW
ELKO 22
ARCATA
414
ARCATA
272
EUREKA
HUMBOLDT CO.
ARCATA
SEATTLE
OAKLAND
60
240
GALLAHAN
18
70
250
DUNSMUIR
320
DELTA
340
SHASTA SKY RANCH
ALTURAS (W)
ALTURAS No. 1
CEDARVILLE
342
181
WHITMORE (W)
353
SECRET VALLEY
SUSANVILLE
AMEDEE
REDDING
REDDING
BENTON
PINEGAR
RIDWELL
240
RED BLUFF
362
60
CORNING
SKY HARBOR
BUCKWOUTH
CHICO AAF
PATRICK
RANCHARIO
OROVILLE
101 HEREFORD RANCH
WILLOWS-GLENN CO.
WILLITS
HENDOCINO
UKIAH
WILLIAMS
328
COLUSA
DALTON
WILLIAMS
244
64
ALICIA
GRIDLEY
CHICO
DONNER SUMMIT
385
BLUE CANYON
BLUE CANYON
20
NEVADA CITY
GRASS VALLEY
TRUCKEE
80
BLUE CANYON
320
10 SACRAMENTO
10 SUSANVILLE
SAN FRANCISCO 47
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" BOUNDARYS.
● DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
E: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCATA (UAL)	472 (NZM)	MRL;4°,3.0	(3)
Arcata Airport	278 (116.1,126.18)	CI (ILS-W)	(3) 116.1,126.18 (8-17)
Arcata (H fac) (UAL)	414 (NZ1)	H; 310°, .15	(4) Z marker 200' from SE end Rnwy 31.
BIDWELL (Red Bluff)			DECOMMISSIONED.
BLUE CANYON	320 (BC) (116.1)	MHVT	(4):116.1
BLUE CANYON FM	(- - -)	FM, 228°, 19.5	Donner Summit
CALLAHAN FM	(- -)	FM, 140°, 15.1	Ft. Jones
DONNER SUMMIT	385 (DS) (116.1)	BMRL-DTV	(4):116.1
EUREKA FM	(- - -)	FM, 184°, 11.7	Arcata
FORT JONES	224 (FJ)	SRAWZ	
MT. SHASTA	278(SC)(116.1)	BMLZ-DTV, 116°,2.2	(4); 116.1
RED BLUFF (Bidwell)	362(FH)(116.1)	SBRAZ-DTV,323°,2.5	(4);116.1,122.1
REDDING FM	(- - - -)	FM, 323°, 33.2	Red Bluff
WHITMORE	353 (AWH)	MRLWZ	
WILLIAMS (Int.)	326(WS)(116.1,111.1)	SBMRAZ-DTV,244°, 2.2	(4);116.1,122.1
OREGON			
COTTAGE GROVE FM	(- - -)	FM, 150°, 29	Eugene
KLAMATH FALLS	242 (FS) (116.1)	SBRAZ-DTV;342°,2.7	(4); 116.1
MEDFORD	263(MF)(116.1)	SBRAZ-DTV	(3); 116.1
Medford	278 (126.18,118.7)+	AC; 158°, 2.4	(4);126.18,118.7,122.5
TRAIL FM	(- - - -)	FM, 332°, 14	Medford

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ARCATA	109.5	332.6	312° Mag.	IM- (0.14)	MM- ····· (0.66)	OM- —— (4.5)
					MMK-	OMK- 404
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alicia (Marysville)	3.2 SSE,RR W,E	63	60h L5 S6	80,91 oct.; 100 oct. on req.
(P) Alturas (new)	6.8 WNW,riv S	5034	63h	
Alturas #1	1 W,RR S	4391	28 S6	80 oct.
Amedee Flight Strip (Amedee)	4 SE,RR N	4007	70h	
→ Arcata	7.6 NNW	217	60h R3 L	Exten experimental lgting.
Ash Creek, USFS (McCloud)(NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE,NW.
→ Beckwourth	0.8 ENE,RR S	4900	28 S6	80,91 oct.
Benton Airpark (Redding)	1.1 WSW,riv E	719	25 L3 S4	80, 91 oct.
(N) BIDWELL (Red Bluff)	1.7 SSW,RR E	354	40h R1 L5 S4	80,91,100 oct.
* Blue Canyon Int,13,SF-SL	1.1 NNE,RR S	5280	34 R1 L3	Obsts N, E. RR E.
Cedarville	0.6 S,lake E	4260	26 S2	80 oct. Pwr line E.
Cheim (Marysville)	1.5 NE,hwy S	67	30 S6	80,91 oct. No sto. Levee N, NE.
Chester, USFS (NC)	1.5 SSW,RR N	4525	31	18' pole line W. Closed to Public
(P) Chico	5 N,rd E	237	67h	
Colusa	1.2 SW,RR W	47	29 S4	80 oct. Pole line NNW.
Corning	1.3 NE,RR W	300	30 L1 S2	80 oct.
Dalton Com. (Williams)	1 ENE,RR SW	65	30 S2	80 oct. Pwr line S.
(P) Del Norte Co. (Crescent City)	2.5 NW	57	50h	
* Delta Int, 22, SF-SA	1 SW,RR,hwy N	1320	18 L3	800-1000' mtns E, W.
Dunsmuir,25B, SF-SA	4.5 N,RR W	3240	30 R1 L3 S2	80,91 oct. Poles E,N, lgtd.
Eureka	2 W,bay E	20	24h	
(P) Fall River Mills	See Shasta Sky Ranch under "New Airports" - name changed.			

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fort Jones (NC)	1.5 W,riv SW	2745	30	Pole line NW.
Gasquet (Crescent City) (NC)	13 ENE,hwy S	390	25	Hazardous-bad approach. USFS
Grass Valley	0.8 W,hwy N	2600	18 S1	Ltd 80 oct. Trees sur fld. P-line NE
Gravelly Valley, USFS (Upper Lake) (NC)	20 N, lake S	2000	49	Road crosses NE/SW strip. Closed to Public
Gridley	0.7 ENE,RR W	97	26 S6	80,91 oct. Pole line N,S.
Hayfork, USFS (NC)	1.2 E,rd N	2350	23	Pole line W, mts E. Closed to Public
Humboldt County (Eureka)	3.4 ENE,RR SW	10	18h S6	80,91 oct. Poles NW. Rnwy data unver.
Mendocino (Little River)	2.5 SE	572	53h	
Montague	1 W,RR N	2520	32 L1 S4	80, 91 oct.
Nevada City	1.5 NW,rd S	3060	26 S4	80 oct.
(P) Oroville	3 SW,riv E	199	60h L5 S1	80,91 oct. Port rnwy lgts prior req.
Patrick (Chico)	2 SSE,RR E	189	34 S6	80,91 oct. Poles N.
Pinnegar (Anderson)	1 S,canal E	435	23 S1	73 oct.
Ranchaero (Chico)	2.2 WSW,riv W	170	22 S4	80, 91 oct. Hwy NE.
Ravendale (NC)	0.2 N,RR W	5260	18	
Redding	7.5 SE,riv S	500	61h L3 S1	
Round Valley (Covelo)(NC)	0.8 SW,hwy E	1385	30	
* Secret Valley Int,52,RV-ND	3.6 ESE Karlo	4435	50	Day use only.
(P) Siskiyou Co. (Montague)	4.3 NE,RR W	2647	73h L5	
Sky Harbor (Quincy)	2.5 E,RR N	3400	28 S2	73 oct. Poles S.
Susanville	6.5 SE,hwy SW	4150	32 S6	73 oct. Pwr line N.
* Truckee Int,16B, SF-SL	3.6 ENE,RR S	5820	34 L3	Snow Dec.-April.
(P) Ukiah	1 S,RR E	612	40h L5 S4	80 oct. No sto.
Weaverville, USFS (NC)	1 SSE,hwy E	2040	22	30' poles S. Closed to Public
* Williams Int,9, SF-SA	4 S, RR E	120	42 R1 L3	
Willits	1.3 ENE,RR W	1356	20 S1	80 oct. Trees E. Pole line W.
Willows-Glenn Co.	1.3 WSW,RR E	130	45h L1 S6	80 oct. No sto.
OREGON				
* Beaver Marsh Int,73,RV-ND		4630	54 L3	6.2 SSW Chemult
Blue Star Arpk.(Eagle Point)	4.5 N,hwy E		20 S2	Data unver.
Civil Air Patrol (Worden)	1 S,RR NW	4080	37 S6	80 oct. No sto. Pwr line NNE.
* Cow Creek Int,37B,SF-SA	2.5 ENE Glendale	1429	23 L3	Creek S.
(P) Curry Co. (Denmark)	3.8 WSW	214	51h L5	All lgts prior req.
Illinois Valley Landing Field (Cave Junction) (NC)	4.3 SSW,river 1 E	1350	43	Trees NNE. USFS
Klamath Falls	4.9 SSE,RR NE	4085	71h R1 L5 S5	80, 91, 100 oct. Fld lgts on req.
Lakeside	0.25 NE,hwy W	20	30	Pole line S.
→ Lakeview	3.5 SW,RR E	4728	53h L5 S6	80,91 oct.
(A,N) MEDFORD AAF	3.2 N,RR E	1329	54h R2 L5 S4	80,91,100 oct. Pole line NE. NATS
* Myrtle Creek,Int,39A,SF-SA	4 SW,riv,RR W	640	25 L3	Hill N.
(P) North Bend	1.2 WNW,bay NE	17	50h	
→ Piercy (Medford)	2.6 NW,RR E	1325	20 S4	80,91 oct. No sto. Poles SE.
* Roseburg Int,41A,SF-SA	2.4 NNW,RR E	500	38 S6	80,91 oct. No sto.
Sutherlin Sky Ranch	3.8 ENE,rd E,S	575	18 S1	80 oct.
Tri-City (Riddle)	3.5 NE,RR N,W	700	19	Pole line N,S. Cattle on fld.
NEW AIRPORTS				
B & H (Creswell,Ore.)	3.3 SSW;RR E	620	16 S6	80 oct. Trees NNE
Cottage Grove (Ore.)	1.9 S;riv S	640	22 S1	80 oct.
Grants Pass (Ore.)	1.6 N;RR W	1050	26 S5	80 oct. Poles, trees N.
101 Hereford Ranch (Laytonville,Calif.)	1 S;hwy E	1635	18 S1	80 oct.
(P) Shasta Sky Ranch (Fall River Mills,Calif.)	1 N;riv E	3300	33 S2	80 oct. Rnwy data unver.

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
➝ BOISE (Air Term.)	350(BE)(116.1,111.1)	SBRAZ-DTV;110°,2.5	(3);116.1,122.1
➝ BOISE AIR TERMINAL	278(126.18) (118.3)	AC	(4);126.18,118.3,122.5
EAGLE FM	(- - - -)	FM, 301°,11.5	Boise
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-DTV, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-DTV, 200°, 0.8	(4), 116.1
FALLON (NAS)	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-DTV 228°, 2.6	(4);116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-DTV 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno

NEW RADIO FACILITIES

HUBBARD (Reno)	278	CI	(4) (Wed.Sat.Sun 6-19, other days 8-1630)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker;(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW	4700	18	Pole line ENE.
Boise Airpark	1.8 WNW,RR S	2660	25 S6	73,80 oct.Trees SSE, NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S2	73 oct.
Floating Feather (Eagle)	2 E,hwy W	2635	38 S4	80 oct.Soft when wet.
(P) Glenns Ferry	1.3 WSW,riv S	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	See Boise Air Terminal under "New Arpts"-name chg.			
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FAC
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

NEVADA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3	
★ Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	49 S6	80 oct.Mts N,hill W.
(P) ELKO-KEDDIE	1.8 W,RR S	5066	62h R1 L5 S4	73,91,100 oct.
★ Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon NAAS	6 SE,hwy S	3931	70h	INACTIVE
➝ HUBBARD (Reno)	3.4 SE,RR N	4404	64h R2 L5 S4	80,91,100 oct.
★ Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	4000	24 S4	80 oct.Poles ENE,WSW
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 L S6	80 oct. Port rnwy lgts on prior req.
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	
➝ Orovada (NC)	1.2 W,hwy E			ABANDONED
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct.Poleline W.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

OREGON

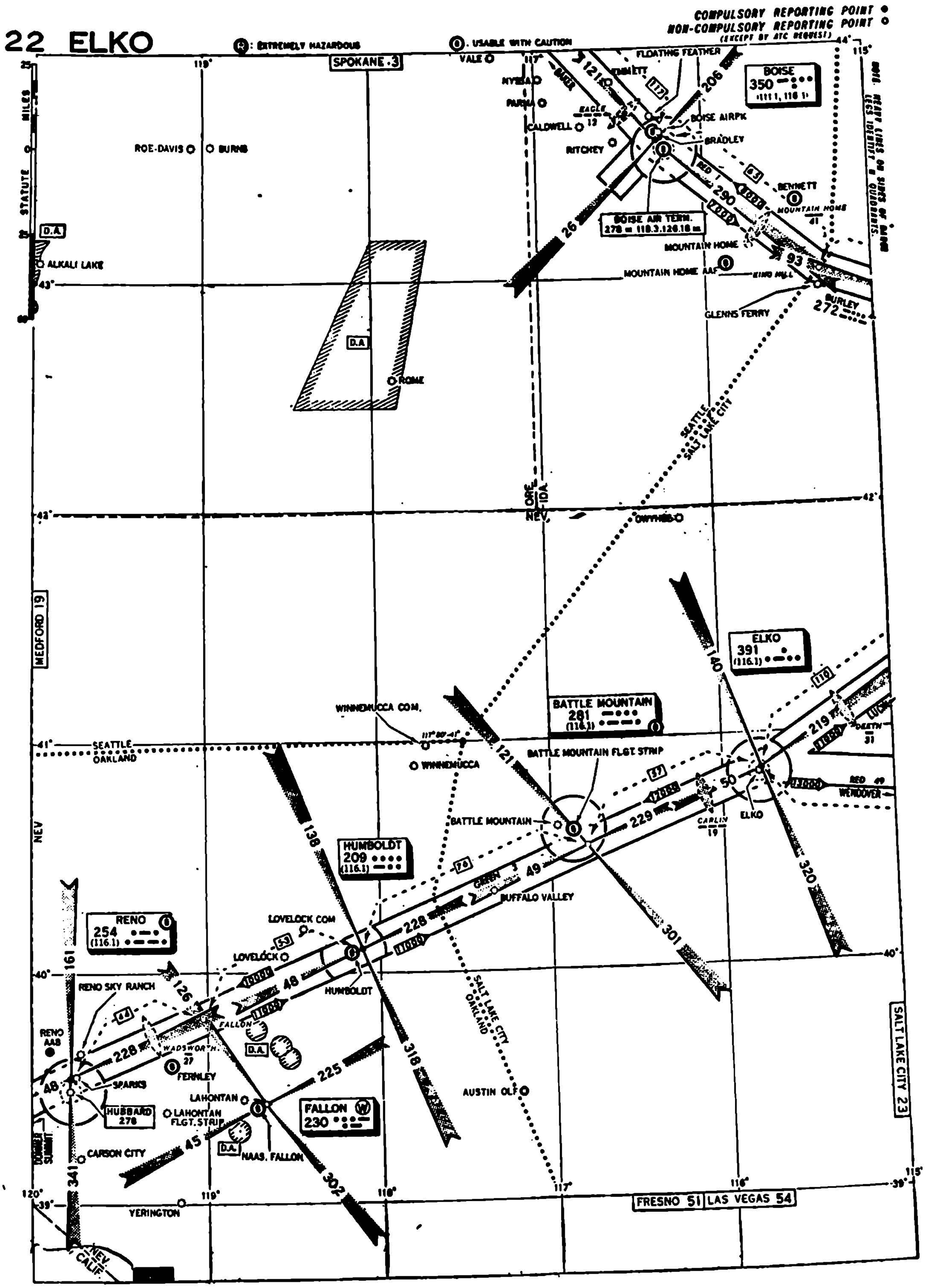
Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	26.6 SW,hwy E	4050	60h	
Vale	1.2 SSW;rvr E	2250	23 S1	80 oct. P-line NE.

NEW AIRPORTS

(NG) BOISE AIR ➝ TERMINAL, (Idaho)	4.5 SSW	2857	77h R2 S1	80,91 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page IV) (NC)-Not Charted ➝ NEW OR REVISED DATA

22 ELKO


COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
SPOKANE .3
VALE
NYSSA
PAYETTE
CALDWELL
ROE-DAVIS
BURNS
ALKALI LAKE
D.A
ROME
FLOATING FEATHER
EMMETT
BOISE
350
BOISE AIRPK
BRADLEY
RITCHEY
EAGLE
BAKER
1210
117
206
BOISE AIR TERM.
278 ■ 118.3.126.15 ■
BENNETT
MOUNTAIN HOME
41
290
83
MOUNTAIN HOME
MOUNTAIN HOME AAF
KING HILL
93
GLENNS FERRY
BURLEY
272
26
25 STATUTE MILES
0
43°
44°
42°
41°
115°
119°
117°
ORE
IDA
NEV
OWYHEE
MEDFORD 19
SEATTLE
OAKLAND
SEATTLE
SALT LAKE CITY
WINNEMUCCA COM.
WINNEMUCCA
BATTLE MOUNTAIN
281
BATTLE MOUNTAIN FLGT STRIP
121
140
ELKO
391
219
DEETH
31
WENDOVER
RED 49
50
229
CARLIN
19
ELKO
320
HUMBOLDT
209
138
76
49
GREEN
BUFFALO VALLEY
228
301
RENO
254
LOVELOCK COM
LOVELOCK
RENO SKY RANCH
126
48
HUMBOLDT
SALT LAKE CITY
OAKLAND
RENO
AAB
WADSWORTH
FERNLEY
SPARKS
LAHONTAN
HUBBARD
278
LAHONTAN
FLGT. STRIP
FALLON
230
225
318
AUSTIN
45
CARSON CITY
NAAS. FALLON
302
341
161
YERINGTON
NEV.
CALIF.
SALT LAKE CITY 23
FRESNO 51
LAS VEGAS 54

SALT LAKE CITY 23

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

E: EXTREMELY HAZARDOUS D: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

GREAT FALLS 6

IDAHO FALLS 359

POCATELLO 257

BURLEY 272

GOODING 215 On request

MALAD CITY 314

STREVELL 335 On request

LUCIN 302 (116.1)

OGDEN 263 (116.1)

FORT BRIDGER 382 (116.1)

WENDOVER 248

SALT LAKE CITY 227 (116.1)

DELTA 212 (116.1)

FAIRFIELD 362 (111.1,116.1)

HILL AAF 396 kc 126.18 mc

SALT LAKE CITY NO. 1 278 kc 118.3 mc

WENDOVER AAF 201 kc 126.18 mc

HINCKLEY 284 kc

ST. ANTHONY · REXBURG · JACKSON · FRIEDMAN · CAMAS CO. · ALBERT · FLYING BAR "S" · TO KING HILL · GOODING · JEROME · TWIN FALLS · BURLEY · IDAHOME · AMERICAN FALLS · ABERDEEN · POCATELLO AAF · HAYFIELD · UNIVERSITY · IDAHO FALLS · DUBOIS · MONTPELIER · BEAR LAKE CO. · COKEVILLE · IDAHO NEV. · ELKO 22 · STREVELL · MALAD CITY · PRESTON · LOGAN-CACHE CO. · HILL CREST · KEMMERER · CORINNE 23 · BRIGHAM · HUNTSVILLE 19 · EVANSTON (NEW) · OGDEN ARPK. · LAYTON 18 · BOUNTIFUL · KNIGHT · EVANSTON · FORT BRIDGER · TO ROCK SPRINGS · ROCK SPRINGS 26 · WELLS · VENTOSA · LUCIN · PROMONTORY POINT · LOW · TIMPIE 37 · GRANTSVILLE · SALT LAKE NO. 2 · MIDVALE · ALTA · UTAH CENTRAL · KNOLLS · TOOELE · RIVERTON 20 · FAIRFIELD · DUGWAY AAF · PROVO · SPANISH FORK · NEPHI · CARBON CO. · MT. PLEASANT · MANTI-EPHRAIM · YEL LAND · NEV. UTAH · TO MILFORD

LAS VEGAS 54 | WINSLOW 55

OVER

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
IDAHO			
BURLEY	272 (BX)	SBRAPZ-DT,200°,2.7	(4)
GOODING (new)	215(GG)	MHT	(4)
IDAHO FALLS (Mun.)	359 (IF)	SBMRAZ-DT,192°,2.6	(4)
MALAD CITY (Int.)	314 (WT)	SBRAZ-DT;131°,3.4	(4)
POCATELLO	257 (PQ)	BMRLZ-DT, 56°,2.5	(4)
→ STREVELL	335 (TV)	MHP	(4)
[redacted]			
CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212 (VZ)(116.1)	SBRAZ-DTV, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362(ILX)(116.1,111.)	BMRLZ-DTV,2°,4.4	(4);116.1,122.1
HILL (Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (JB)(116.1)	BMRLZ-DPV,156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-DTV,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4)(830-2130 Wed. thru Sun, 1130-2130 Mon. & Tues.)
SALT LAKE CITY	227 (SL)(116.1)	SBRAZ-DTXV;163°,2.9	(3); 116.1
Salt Lake City Arpt. #1	278 (118.3)	C (ILS-W)	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18
WYOMING			
FORT BRIDGER (Int.)	382 (HM)(116.1)	SBRAZ-VDT,228°,2.4	(4);116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE	110.3 ••• •-••	335	343° Mag	IM-	MM- •-•- (0.71)	OM- -- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Short Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. **Parenthetical Numbers in** Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
IDAHO				
Aberdeen	2.7 SW,rd W	4460	32 S6	73 oct.No sto.
Albert (Richfield)	5.2 NE,RR W	4400	23 S2	Ltd 80 oct.
American Falls	2 NE,RR NW	4404	38 S1	73 oct. Poles S.
Arco (NC)	1.5 ESE,hwy W	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE;rd S	5928	57h	
Buhl (NC)	5.7 W,crk W,E	3690	41	
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S4	80,91 oct.Pole line WNW.
→ Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31 S1	80 oct.P-line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	73 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	73 oct.
(P) Gooding	3.5 WSW,hwy N	3730	49h R1 L5 S6	80,91 oct.
→ Gooding (old)	4 SSW			ABANDONED
(P) IDAHO FALLS	2 NW,riv,RR E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4460	29 L3	
Jerome	3.3 ENE	3980	31 S1	73 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30	Rough.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h R1 L3 S1	73 oct.
Montpelier	0.6 NNE,RR WSW	5900	30 S1	73 oct. Mtn NE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
IDAHO				
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 S2	80 oct.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S4	80 oct. Poles, trees NNE.Rnwy data unver.
* Strevell Int, 10, SL-PO	0.3 NNW,hwy W	5270	31 R1 L2	Hwy S.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	30	(NC)
(P) Twin Falls	6.5 S,crk N	4200	40 S6	80,91 oct. No sto.
University (Ham's)(Pocatello)	1 ENE,hwy W	4600	35 S2	Hills N,S. No fuel.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	25	UNUSABLE.
INDIANA				
* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W	5665	29 L2	
Yelland (Ely)	3.5 NNE,hwy E	6258	60h L3 S6	80 oct. Fld lgts prior req.
UTAH				
Alta Arpk (Sandy)	2.3 E,RR W	4800	30	Hwy W.
Bountiful Sky Haven	2.6 WSW,rd E	4222	38 S4	80 oct. Pole line N,NW,SE.
Brigham	3 NW,RR S	4220	37 L3 S6	80 oct.
Carbon County (Price)	2.8 E,RR W	5800	43 S6	80 oct.
Delta	4.8 ENE,	4755	61h R1 L5 S2	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE,riv W	5700	55	Pole line W, NW.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	26 S6	80 oct. Mtn SSE.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	42 L3	
Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4413	50 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S2	No fuel.
Midvale	3 WSW,RR NW	4500	20 S4	73 oct. No sto.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S2	80 oct.
Myton (NC)	1 E,riv N	5090	31	
Nephi	2.5 NW,RR E	4800	48 S1	Ltd 80 oct.
Ogden Airpark	4 S,hwy NE	4700	31 S4	73 oct. No sto.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	
(P) Provo	2.8 WSW,RR N	4490	71h L5 S6	80,91 oct. Fld lgts prior req.
(NG) SALT LAKE CITY #1	2.5 WNW,RR S	4222	55h R3 L6 S6	73,80,91,100 oct.Rdo rec rqrd.
* Salt Lake City No. 2	10.5 SSW,RR W	4617	56h S4	73 oct.
Spanish Fork	2 NW,RR SE	4560	49 S6	80 oct.
Tooele (NC)	1.4 WSW,RR W	4800	30 S4	80 oct. No sto. Mtns SE.
Utah Central(Salt Lake City)	4 SW,RR N	4240	28 S4	73 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4237	81h R2 L5 S6	73,91,100 oct. JP-1. CLOSED.
WYOMING				
Afton	0.3 SW,hwy E	6239	30 S5	73,80 oct. 40' trees N.
Big Piney (NC)	2 N	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston	3.6 SSW	6800	39 S1	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	56 S1	73 oct.
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
NEW AIRPORTS				
Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.
Evanston, new (Wyo.)	1 NE;hwys S,W	6740		80,91 oct. Pwrline W. Data unver.

RADIO — COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	VAR-DTV	3105,3117.5;116.1,131.7
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	VAR-DTV (ILS)	3105,4495,3117.5:131.7, 116.1
WYOMING			
CASPER(Wardwell)	269(CW)(116.1,111.1)	SBRAZ-DTV;256°,2	(4);116.1,122.1
CASPER AAF	396(126.18)	CA	(3); 126.18
DOUGLAS	251 (DQ)(116.1)	BHTV	(4) :116.1
LARAMIE (Gen'l. Brees Field)	245(LR) (116.1, 111.1)	SBMRAZ-DTV 137°, 2.2	(4);116.1,122.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (new)	290(RT)(116.1)	SBRAZ-DTV, 246°,2.8	(4); 116.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-DTV, 80°, 1.7	(4): 116.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WALKER	110.3 ·- ---	335	110° Mag.	IM-	MM- ·--·(0.69)	OM- -- (4.52)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

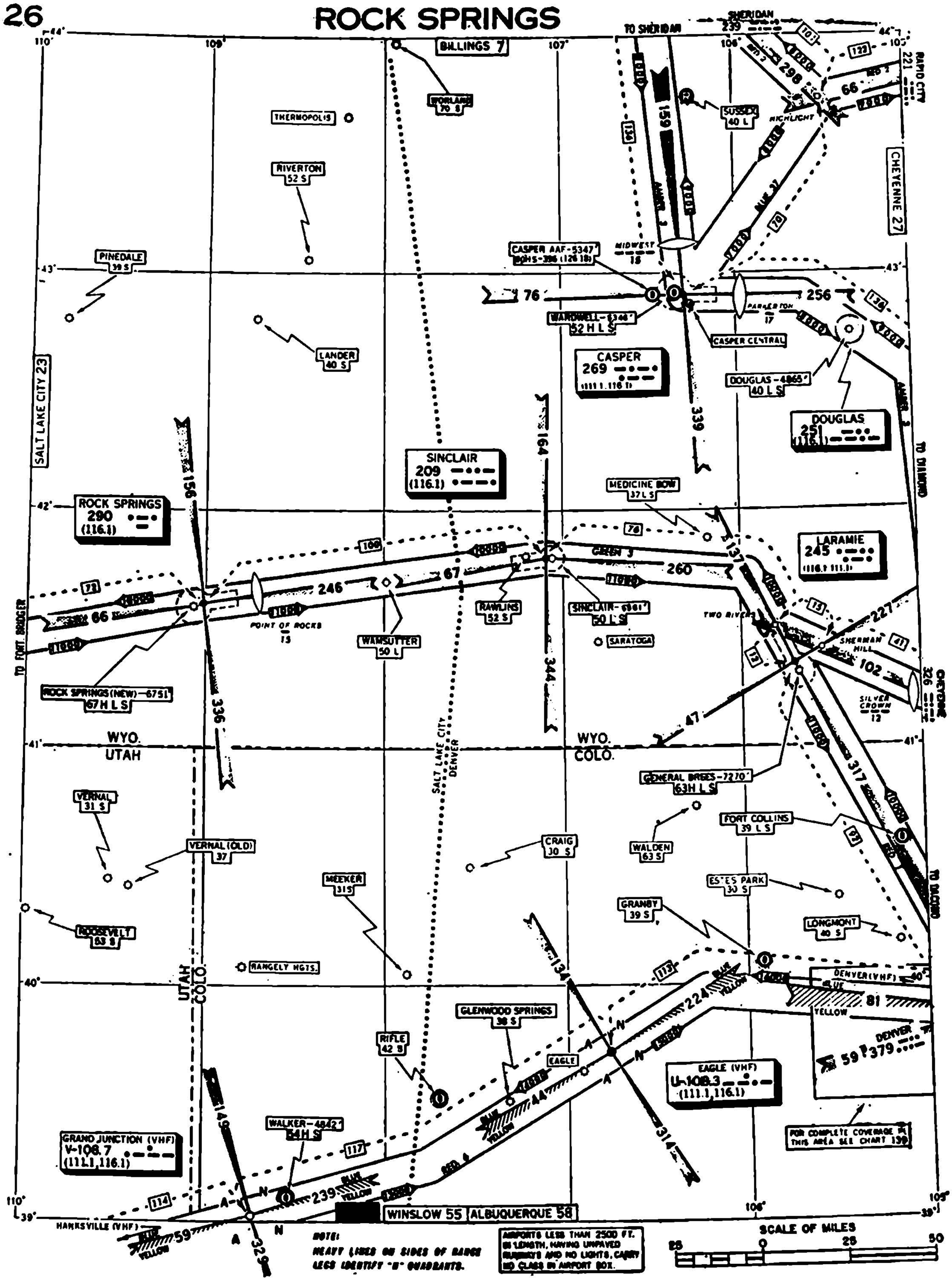
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	Closed till June '47
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE.
Glenwood Sprgs.	2 S	5900	38 S1	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Longmont	2.9 W;RR N	5030'	40 S6	80,91 oct.Trees NW.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.
[redacted]				
Roosevelt	1.3 NE;hwy S	5000	53 S2	80,91 oct.Poleline SE,E
Vernal (new)	1 SSE;hwy N,E	5280	31 S6	80,91 oct.
Vernal (old)	7 ESE;riv 4 E	5200	37	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA

WYOMING

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h R1 L S2	100 oct.
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S1	73 oct.
General Brees (Laramie)	4 W;riv SE	7270	63h R1 L5 S6	73,91,100 oct.
Lander	1.5 S;riv W	5550	40 S2	73 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy NE	7200	39 S2	73 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	62 S4	Ltd 73 oct.
(P) ROCK SPRINGS (new)	8.8 E;RR N	6751	67h R1 L5 S2	73,80,91,100 oct;80 oct daylgt hrs only.
Rock Springs (old)	3.8 NNW	6370	58	(NC)
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3 S1	80,100 oct.
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	33 S1	80 oct.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,91 oct.
(P) Worland	2.8 S;canal NW	4185	70 S1	80, 91 oct,
NEW AIRPORTS				
Casper Central (Casper Wyo.)	3 NE;RR S	5100	28 S2	80 oct.Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely.Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.

ROCK SPRINGS



CHEYENNE 27

C COMPULSORY REPORTING POINT
N NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS I: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "A" QUADRANTS.

TO HIGHLIGHT

RED 2

MONDELL

SOURASSA

HOADLEY

ROCK SPRINGS 26

HOT SPRINGS

EDGEMONT

WYO

NEB

S.D

RAPID CITY

221

346

D.A.

BISMARCK 10

PRESHO

MINNEAPOLIS

DENVER

STATUTE MILES 0 25 28 50

BENNETT CO.

On request
CHADRON
206
(116.1)

CHADRON

S.D
NEB.

GORDON MUN.

HAY SPRINGS

LUSK

CRAWFORD

FORT ROBINSON

162

RED 31

TO CASPER

AMBER 3

136

WHEATLAND

SCOTTSBLUFF
341
(116.1)

EAST SIDE

LINGLE

TORRINGTON

121

205

ALLIANCE MUN

ALLIANCE AAF

SENECA

OMAHA 30

MITCHELL

SCOTTSBLUFF

191

227

LARAMIE
245

DIAMOND

BAYARD

CHEYENNE
278 118.3, 126.18

MEADOWS
17

ECBERT
29

ARCHER
6

PINE BLUFFS

NEB.
COLO

CHEYENNE
326
(116.1)

347

SIDNEY
314
(116.1)

IDLE ACRES

OSHKOSH

SIDNEY

CHAPPELL

BIG SPRINGS

OGALLALA

NO. PLATTE

PAXTON

NORTH PLATTE
236
(111.1, 116.1)

TO GRAND ISLAND

256

KIMBALL

LORENZO

CHAPPELL

80

GREEN 3

260

JULESBURG

SCHWARTZ - JOHNSON

GOTHENBURG

GRAND ISLAND
263

AKRON
368
(116.1)

STERLING

HOLYOKE

BLUE 36

IMPERIAL

CURTIS

HAYES CENTER

McCOOK AAF

McCOOK

FOR COMPLETE COVERAGE IN THIS AREA SEE CHART 139

CROSIER

DENVER
379
(111.1, 116.1)

DACONO
20

HENDERSON

YOUNG

DOUGLAS

AKRON

YUMA

WRAY

HAYES CENTER
400
(116.1)

BENKELMAN

NEB
KANS

ATWOOD

OBERLIN

LENORA

ANTON (VHF) (W)
V-108.7

RODERICK

ST. FRANCIS

COLO
KANS

CONTROLLED ONLY BETWEEN 6500 AND 8500 FT MSL

TO SMOKY HILL

WATKINS
15

AURORA
10

DENVER (VHF)
W-109.1
(111.1, 116.1)

STAKE'S

FLAGLER

GOODLAND

EDDIE HUTTON

COLBY

GOODLAND (VHF) (W)
U-108.3

GOODLAND (W)
353

MORLAND (VHF) (W)
W-109.1

FRANKTOWN
30

CALHAN

HUGO

TO PUEBLO

ALBUQUERQUE 58 | AMARILLO 59

OVER

RADIO — COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AKRON (Int.)	368(RN)(116.1)	SBMRAZ-DTV,154°,3.6	(4); 116.1
ANTON	108.7 (AR)	VARW	
AURORA LFM	(- - -)	LFM, 155°, 9.5	Denver
DACONO FM	(. . -)	FM, 348°, 20	Denver
DENVER (Stapleton)	379(DV)(111.1) (116.1)	SBMRAZ-DTXV;155°, 2.4	(3);131.7,116.1
DENVER (Stapleton Airfld)	109.1(DV)(111.1) (116.1)	VAR-DTXV 211°. 9,7	(3);131.7,116.1
FRANKTOWN FM	(. . - - -)	FM, 155°, 29.6	Denver
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
WATKINS FM	(- -)	FM, 59°, 14.8	Denver
KANSAS			
GOODLAND	353 (GN)	HW-T	
GOODLAND	108.3 (GN)	VARW	
MORLAND	109.1 (MC)	VARW	
NEBRASKA			
➔ BIG SPRINGS (Int.)			DECOMMISSIONED
CHADRON	206 (HC)(116.1)	MHTV	(4); 116.1
HAYES CENTER (Int.)	400(KB)(116.1)	SBMRAZ-DTV;64°,2.2	(4); 116.1
NORTH PLATTE (Lee Bird)	236(NQ)(116.1,111.1)	SBRAZ-DTV;352°,2.2	(4);116.1,122.1
SCOTTSBLUFF	341(TF)(116.1)	SBMRLZ-DTV;301°, 3.1	(4); 116.1
SIDNEY (Int.)	314(SD)(116.1)	BH-DTV;350°,0	(4); 116.1
WYOMING			
ARCHER LFM	(-)	LFM; 76°, 5.6	Cheyenne
CHEYENNE	326(CX)(116.1,111.1)	SBRAZ-DTV	(3);116.1,122.1
Cheyenne Airport	278(126.18,118.3)	C; 76°, 0.9	(4);118.3,126.18,122.5
EGBERT FM	(. . -)	FM, 76°, 29	Cheyenne
MEADOWS FM	(- - - -)	FM, 341°, 16.8	Cheyenne

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Akron Int,9,DV-GI	3.9 SE;RR N	4585	53 R1 L3	
* Alvin Int, 15, DV-GI	3.5 NNE	3600	40 L3	Roads S,N.
Burlington (NC)	0.5 W	4160	32	Pole line S, N.
Calhan	0.6 ESE;hwy N	6500	22 S1	80 oct.
Crosier (Greeley)	3.5 E;rd,riv S	4648	34	73, 91 oct.
Doughty's (Julesburg)	12 ESE	3600	18	PRIVATE. Use in emergency.
➔ Flagler	0.8 S;RR N	4975	48 S4	80 oct. 20' pole line E.
Holyoke	1.8 ESE;RR NW	3720	35 S1	80 oct.
Hugo	1.5 E;RR S	5034	26 S1	80 oct.
Julesburg	2.8 SW; hwy W	3490	24 S6	80 oct.
Roderick (Lindon)	4.3 N;Riv E	4900	26 S1	73 oct.
Stakes's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct.
(P) Sterling	2.8 W;RR S	4020	37 S6	73,80 oct.
Wray	1.2 NNW;RR S	3400	30 S1	Ltd 73 oct.
Yuma	1.4 SSE;RR N	4150	35 S6	73 oct. Poles S,SW.
(P) Young (Fort Morgan)	6 N;hwy E	4460	54 S6	73,80 oct. Rnwy data unver.
KANSAS				
Atwood	2 N;hwy W	2900	26 S1	73 oct. Data unver.
Colby	1.8 N;RR S	3150	42 S2	80 oct. Poles SW,W.
Eddie Hutton (Brewster)	1 SE;RR N	3420	35 S2	73 oct.
(P) Goodland	2 NNE;hwy W	3689	37 S6	80,91 oct. Trees NW.
Lenora (NC)	1.2 NNW;hwy S	2325	29	
Oberlin	0.9 NW;RR SE	2684	25 S1	80 oct. Pole line SE,NE.
St. Francis	1 SSE;riv NW	3400	35 S2	80 oct.
NEBRASKA				
(A) Alliance AAF (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance, mun.	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
Bayard	1.3 SSW;RR N	3760	25 S2	No fuel. Poles N,E,NW,SE.
Benkleman	1.2 NNE;RR SE	2990	28 S1	80 oct.
* Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	Pole line E.
(P) Chadron, 15, CX-HR	4.8 W;hwy S	3312	45 R1 L3 S4	73 oct.
Chappell	3 E;RR SW	3830	26 L1 S2	80 oct. Pole line W.
Crawford	3.8 NNW;hwy E	3676	35	Poles E, W.
(A) Fort Robinson (A)	2 S;RR N	3920	18	
Gordon	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Gothenburg	Adj E;hwy S		32 S2	80 oct. Data unver.
* Hayes Center Int,21,DV-GI	3 ENE;rd S	3074	51 R1 L3	
Hay Springs	2.5 W;hwy E	3840	17 S2	80 oct. Pole line N.
Idle Acres (Potter)	11.8 N;hwy N	4550	21 S4	80 oct. Pole line W. Data unver.
Imperial	1 ESE;RR SW	3280	36 S4	80 oct.
(P) LEE BIRD (North Platte)	See North Platte under "New Airports"-name changed			
Lorenzo	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct. Cattle on fld.
McCook	2.2 E;RR,hwy S	2586	42 S4	80 oct. Windmill N.
(A) McCook AAF (A)	9 NNW;hwy E	2784	75h	TMP INACT NO FACS
Mitchell	1.6 S;riv N	3950	40 S6	73,80 oct. Trees, poles NW.
Modisett (Rushville)(NC)	2.4 NE;RR S	3475	30	Bldgs, pole line E.
Ogallala	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW.
Oshkosh	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE.
Schwartz-Johnson (Sidney)	1.6 SSE;RR N	4120	32 S1	73,80,91 oct. Hwy N.
(P) SCOTTSBLUFF	3.3 E;hwy S	3945	82h R1 L5 S1	80,91 oct. Lgts on req.
Seneca	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW.
* Sidney Int,50,SL-OH	3 W;RR N	4132	36 R1 L3 S1	Ltd 73,80 oct.
Valentine (NC)	1.5 SSE;hwy E	2579	18	Not maintained, Rough. Poles NE.
SOUTH DAKOTA				
(P) Bennett Co. (Martin)	4.4 SSE;riv N	3325	30 S1	73 oct. Pole line sur fld.
Bourassa (Custer)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W,NW.
Edgemont	1.1 SW	3575	30 S2	73 oct.
(P) Hot Springs	5.5 SSE;riv N	3075	52 S2	73 oct.
Presho Mun.	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.
WYOMING				
(NG) CHEYENNE	1 N;lakes WNW	6156	79h R2 L6 S6	80,91 oct;73,91,100 oct Army. Poles W.
➔ East Side (Wheatland)	0.7 E;RR W	4750	23 S4	80 oct.
Hoadley (Dull Center)	9.4 NE	4176	24 S1	73,80 oct.
Lusk	2.9 E;RR S	5000	47 S1	80 oct. Poles SE.
Mondell (New Castle)	6.2 WNW;RR N	4260	36 S2	73 oct.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	80 oct. Pole line N.
(P) Torrington	3.4 S;hwy W	4350	40 S2	73,91 oct. Pwr line S,W.
Wheatland, 6, CX-GT	3.4 NNW;riv N	4648	46 L3 S6	80 oct.
NEW AIRPORTS				
Lingle (Wyo.)	1.2 N;RR S	4200	30	Poleline SE
Douglas (Akron,Colo.)	0.8 N	4400	28 S1	73 oct.
(P) NORTH PLATTE, (Nebr.)	3.2 ESE;riv SW	2779	55h R1 L5 S6	73,80,91,100 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). ➔ NEW OR REVISED DATA

OMAHA

RADIO

IOWA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
ATLANTIC	257 (IZ)(116.1)	MHTV	(4):116.1
CALIFORNIA FM	(-.- - -)	FM, 333°,18	Omaha, Nebr.
GLENWOOD FM	(- -)	FM, 146°,23.8	Omaha, Nebr.
HANCOCK FM	(-)	FM, 73°, 30.5	Omaha, Nebr.
SIOUX CITY	335 (YX)116.1)	SBMRLZ-DTV	(3):116.1
Sioux City Arpt.	396(126.18,118.3)	AC; 337°,1.9	(4):126.18,118.3,122.5
SLOAN FM	(- -)	FM, 157°,8.8	Sioux City

KANSAS

MARSHALL (Ft. Riley)(Army)	215 (DFY)	SBMRAZ	
Marshall Field	396 (126.18)	CA; 196°,4	(3); 126.18
PHILLIP BILLARD (Topeka)	278	CI	(3)(sunrise-sunset)
TOPEKA	109.1 (PK)	VARW;211°,6	
WALDO	108.7 (LO)	VARW	

MISSOURI

TARKIO	281 (TK)(116.1)	MHVT	(4):116.1

NEBRASKA

GRAND ISLAND	263(GI)116.1,111.)	SBMRLZ-DTV;	(4):116,1,122.1
Grand Island AAF	278 (126.18)	CA(ILS-W) 165°,1.3	(3); 126.18 (8-17)
KEARNEY (Army)	536 (DKR)	HW; 130°,5.3	
LINCOLN	385(HK)(116.1)	SBMRLZ-DTV, 170°,2.4	(4); 116.1
MEAD FM	(- - -)	FM, 252°, 28.4	Omaha
OFFUTT (Omaha).	396 (126.18)	CA	(3); 126.18
OMAHA	320(OH)(116.1,111.)	SBRAZ-DTV;146°	(3):116.1,122.1
Omaha Airport	278(118.5,126.18)	C(ILS-W) 1.0,8	(4):126.18,122.5,118.5
OVERTON			DECOMMISSIONED

SOUTH DAKOTA

SIOUX FALLS	245 (YL)(116.1)	SBRAZ-DTV,930, 2.2	(4):116.1
KEARNEY AAF, NEBR.	396(126.18)	CA	(4):126.18 (8-1630)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
OMAHA	110.3	335	135° Mag.	IM- ····· (0.06)	MM- ·-·-(0.78)	OM- -- (4.90)	
					MMK-201 ····	OMK-219 ---·	
GRAND ISL AAF (A)	110.3	335	349° Mag.	IM- (0.08)	MM- ····· (1.00)	OM- -- (4.50)	
					MMK-	OMK-	
				IM-	MM-	OM-	
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
✚ • Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IOWA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Atlantic	4.6 NW,RR S	1353	21 S6	80,91 oct.
Atlantic, mun.	1.9 W,RR E	1153	33 R1 L3	Beacon 1/4 mi W.
Briggs (Fiscus)	4.2 NE,RR E	1370	21 S2	80 oct. Trees N.
Cherokee	1 S,RR W,S	1218	19 S1	80 oct.
Clarinda	0.8 SE,RR W	1060	26 S4	80 oct.
Council Bluffs	3 SE,RR S	980	37 S6	80 oct. Bldgs SW.
Denison	2.4 WSW,riv SE	1200	20 S2	80 oct. Trees SSW.
Dunlap	0.5 WNW,RR SE	1160	30 S3	80 oct. Pole line NNE.
Fuller (Milford)	0.7 NNW,hwy E,lake N	1440	36 S6	80 oct. Trees,poles E,W S.
Harlan	5 SSW,hwy E	1196	27 S2	73 oct. Hl-line S,E.
Hart (Spencer)	1.6 S,hwy N	1100	26 S4	80 oct.Pole line NE,N.
John E. Peters (Ocheyedan)	1.5 N,hwy S	1425	24 S2	80 oct. 25' pole line S.
Liberty(Sutherland)	2.1 WSW,RR W	1465	23 S6	80 oct. 35' pole line E.
Manning	0.6 SW,RR W	1327	25 S2	73 oct.
McKisick(Rock Rapids)	3 N,riv W	1361	31 S4	80 oct. Trees W.
Missouri Valley	1.5 S,RR W	960	16 S2	80 oct.
Nicholson (Ida Grove)	1.9 WSW,RR N	1120	20 S1	80 oct.
Okoboji Airways (Spirit Lake)	2.8 SW,hwy E	1450	20 S2	80 oct. Poles NE.
Oliver Ranch (Onawa)	5 SE,hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
Randolph (NC)	1.7 NNE,RR W	1050	20	
Red Oak	1.5 W,RR E	1044	25 S2	80 oct. Pole line N.
Sheldon	5 NNE,RR W	1444	33 S6	80 oct. P-line S,W,SW,
Shenandoah	2.8 W,RR SE	960	25 L S2	80 oct.Port rnwy lgts. SE.
(A)SIOUX CITY	7 S,RR E	1097	69h R2 L5 S4	80,91 oct.;91,100 mil.
(P)Spencer	2.9 WNW,RR S	1335	40 S6	80,91 oct. acft.
Storm Lake	3.5 SW,lk NE	1460	36 S2	80 oct. Data unver.
Thorne (Moneta)	2.5 S	1410	25 S2	80 oct.Pole line,trees W
(P)Western Union (Le Mars)	1.3 SW,RR SE	1190	30 S6	80 oct. Low obst.

KANSAS

Belleville	1.8 WSW,hwy S	1520	24 S2	73 oct.
Bern	0.6 S,RR N	1300	26 S1	80 oct. Pwr line N.
Blosser(Concordia)	1 SSE,hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
(P)Clay Center	1.5 W,hwy S	1200	30 S2	80 oct. Poles S,NW.
Downs	Adj SW,RR N	1550	20 S2	80 oct.Data unver.RR NW
Elkins (Wakefield)	1 SSE,riv NE	1170	13 S1	80 oct. Poles W.
Hawk's (Atchinson)	1.3 WNW	1000	12 S1	80 oct. Poles N.RR S.
Hiawatha	1.3 WSW,RR E	1110	24 S1	80 oct. Pwr line N.
Huntoon (Topeka)	5.4 W,riv N	1000	18 S6	80 oct. Pwr line N.
Larkinburg	0.3 E ;hwy N	947	27 S2	80 oct.Hi-lines N.Data unver.
Lawrence	2.5 NNE,hwy S	832	32 L3 S6	80 oct. No bcn.Poles W Lgts prior req.
Manhattan	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan)	3.7 ENE,hwy S	1050	30 S6	80,91 oct.Poles sur fld.
Mankato	0.8 ESE,RR S	1780	22 S4	73 oct.
(A)Marshall (Ft.Riley)(A)	1.8 SE	1062	45h R2 L5 S6	73,91,100 oct.Ditch E,S
Moritz (Beloit)	1.2 NW,RR S	1420	24 S2	73 oct. Trees E.
(P)Norton	0.7 NNW,hwy E	2365	52 S3	73 oct.Pole line E,S.
PHILLIP BILLARD (Topeka)	3.5 ENE,RR S	879	42h R1 L5 S6	80,91 oct.
(P)Phillipsburg	1.5 S,RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan)	1.4 NE,RR SE	1100	20 S4	80 oct. Poles SE,NW,NE
Seneca	0.5 W,RR S	1250	24	Poles N,S.
Smith Center	1 SSW,RR NW	1806	27 S1	80 oct.
Summerfield	0.3 SSE.RR W	1450	20 S2	80 oct.Pole line N,NW.
Wood Arpk.(Clay Ctr)	3.5 N,hwy W	1260	15 S6	80 oct.No sto.P-line W.

MINNESOTA

McDowell (Luverne)	8 NW,hwy W	1440	25 S2	80 oct.
Pipestone	1 SE,RR E,W	1735	25 S6	80,91 oct.No sto.
Worthington	1.5 NNE		32 S6	80 oct Data unver

MISSOURI

Craig	0.6 NE,RR SW	875	25 S1	73 oct. Pole line WNW
Tarkio 10, KC-OH	1.2 ENE,RR W	918	40 R1 L3 S4	80 oct. Trees N.

NEBRASKA

Ainsworth, mun	7 WNW,RR S	2580	73h L5 S6	83,91 oct.
Arrow (Lincoln)	4.8 NE,hwy E	1160	25 L S6	73,80 oct.Port rnwy lgts
Atkinson	1.4 SW,riv NE	2109	22	Trees S.Pole line E,SE, N, NW.
Auburn	2.7 E,riv SW	960	29 S6	80 oct.P-line N,NW,NE
(P)Beatrice	3.5 N,hwy E	1260	38h S4	80 oct.Twrs S,SW.Rnwy data unver.
Blair	3 NNW,RR E	1050	24 S6	80,91 oct.Windmill NW
Brainard Int,82,SL-OH	5.5 SW,hwy W	1640	31 L3	
Broken Bow	2 N	2400	30 S6	80 oct.
(A)Bruning AAF (A)	7.7 E,RR N	1544	68h	CLOSED
Central (Grand Island)	1.7 NE,RR S	1851	33 S6	73,80 oct.P-lines W,S.
Clay Center	1.5 E,hwy N	1800	26 S2	73 oct. N.E.
Clear Ridge (Omaha)	5.2 NW,RR N	1230	24 S6	80 oct.Pole line E.
Columbus	1.3 NE,RR S	1445	26 S6	Pole line SSE,SSW.
Crete	1 S,RR NE	1368	24 L3 S2	73 oct.Lgts prior req.
David City	1.5 N,hwy W	1640	22 S2	80 oct.Windmill E.
Eagleton (Decatur)	1 S,riv NE	1100	26 S2	73 oct.Poles NE,trees NW.
Elgin	0.8 SW,RR E	1930	16 S6	80 oct.Bldgs SE,N.

NEBRASKA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fairbury	2.5 NNE,RR, hwy SE	1316	26 L S6	80 oct.Port rnwy lgts. P-line W,NW,S.
(A)Fairmont AAF(A)	4.8 NE	1639	70h	(Geneva) CLOSED.
Falls City	2 SSW,riv N			ABANDONED
(P)Fremont	1.4 WNW,RRs NE	1203	36h S4	80 oct.Pole line N,NE,E, SE.
(A)Grand Island AAF(A)	3.5 NE,RR W	1843	72h R2	CLOSED
(A)Harvard AAF(A)	2.5 NE	1817	76h	CLOSED
Hastings	1.5 NW,Rrs N,S	1940	35 L S6	73 oct. Port rnwy lgts.
Hastings Sky Ranch	3.2 WSW,RR N	1960	30 L S6	80 oct. Port rnwy lgts
Hebron	1 S,RR W	1458	26 S4	rnwy data unver P-line S 90 oct. S appch 6:1, SW 10:1
Hewett's (Beaver City	2.5 NNE,hwy S	2300	40 S1	73 oct. Pole NNW,SSW;
Hew's (Humboldt)	4.2 NNE,RR S	1200	13	Pwr line E. bldg N.
Holdrege	2 NNE,crk S	2324	26 S4	80 oct.
Kearney	4.5 S,riv N	2145	15 S1	80 oct.Trees N;p-line E.
(A)Kearney AAF (A)	4.5 ENE,RR S	2140	73h R1 L5 S6	73,91,100 oct.No sto.;P-1
Lexington	1 W,RR S	2400	32 S5	Data unver.
(NG)Lincoln	5.5 NW,RR NE	1190	71h R1 L5 S1	80,91 oct. Fld lgts prior
(P)Norfolk	3 SSW,RR W	1572	58h S4	73 oct.Riv N req.
(A)Offutt (Omaha)(A)	10 S,RR W	1046	61h R1 L5 S4	91,100 oct. No sto.
Ohiowa	3 SW	1572	20	Fence sur fld.Data unver
OMAHA	3.5 NE,lake W	982	54h R3 L6 S6	73,80,91,100 oct.No contact lgts.
100th Meridian(Cozed)	0.8 SW,RR N	2490	22 S1	80 oct. Pole line E.
Ord	1 NW		32 S2	80 oct. Data unver.
Overton Int,69,SL-OH	4.8 E,RR S	2300	40 L3	Bldgs,trees NW;poles NE
Pender	1 NE,RR SW	1400	22 S2	73 oct.Pole line S,SE.
Schuyler	2.5 W,bet RR and hwy		25 S4	80 oct. Data unver.
(A)Scribner AAF(A)	4.1 SSE,hwy N	1315	67h	CLOSED
Steckley (Weeping Water)	3 S,RR,rd E	1260	26	Pole line N.
Tecumseh	1 W,RR NE	1115	26 S2	80 oct.Trees W;p-line N.
Union (Lincoln)	4.8 NNE,RR S	1140	18h L3 S6	80,91 oct.All lgts prior
(P)Wayne	1.8 E,RR N	1475	33 S4	80 oct.P-line NW. req.
Waverly (Lincoln)	9 NE,RR SE	1180	20	Poles SE,SSW.
West Point	1.5 E,hwy W		16 S4	80 oct. Data unver.

SOUTH DAKOTA

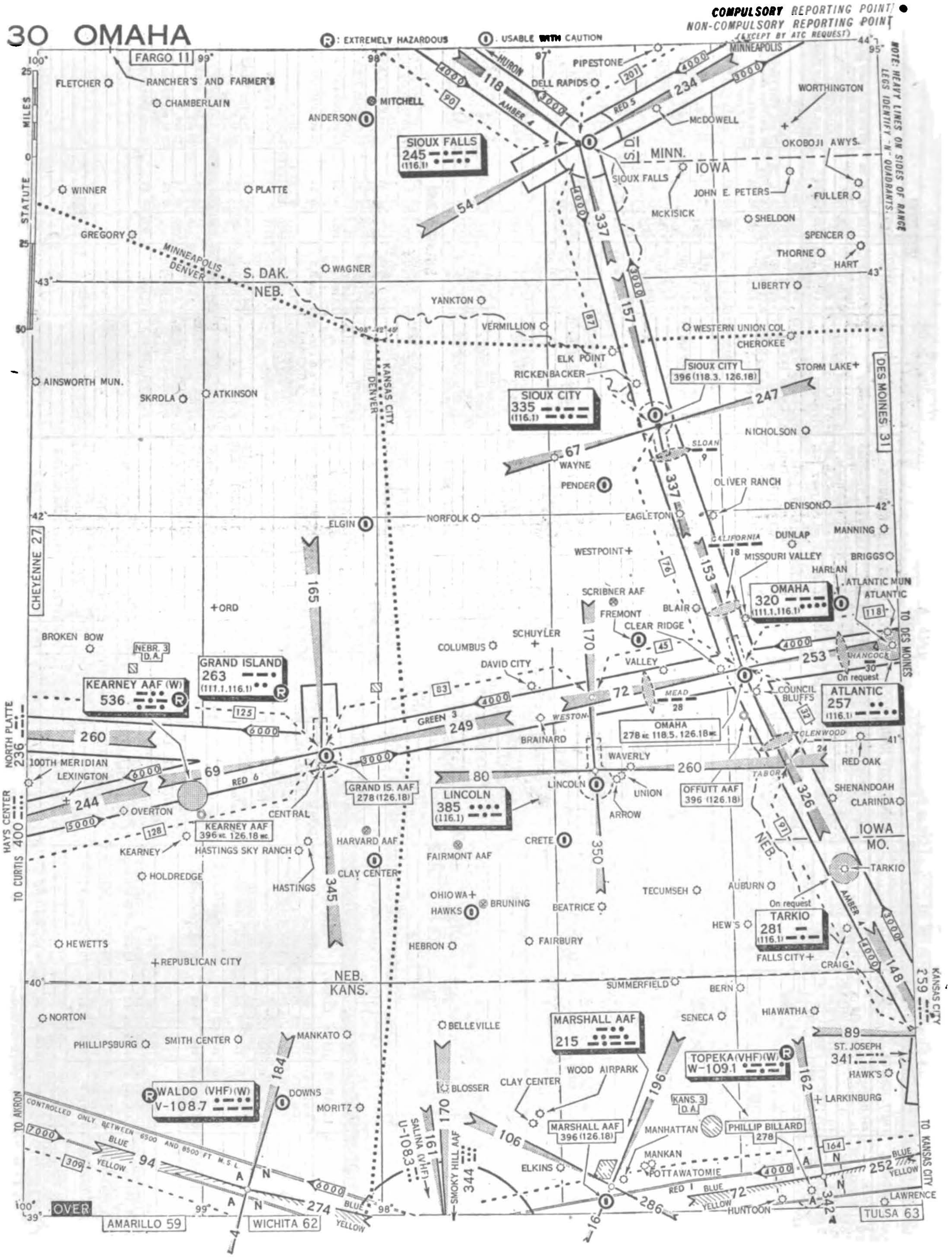
Anderson(Mitchell)	2.7 W,RR N	1293	29 S6	80 oct.Poles sur fld.
Chamberlain	3.4 SE,hwy N	1689	26 S2	73,80 oct.Poles N,NW.
Dell Rapids Mun.	1.6 NE,RR SE	1450	20 S1	73 oct.
Elk Point	2.4 E,riv NE	1120	26 S2	80 oct.Poles N,NW
Fletcher(Reliance)	2 SE,RR NE	1600	20 S1	80 oct.
Gregory	2.2 S,RR NE	2000	22 S2	73 oct.Pole line E,SE.
(A)Mitchell AAF (A)	4 N,hwy E	1292	67h	CLOSED
Platte	1.2 NNE,RR SW	1650	28 S1	80 oct.Poles SE, S
Rancher's & Farmer's (Reliance)	9 N,rd N,S		30 S1	73 oct. Data unver.
Rickenbacker(Stevens	1 N,riv E	1114	28 S6	80,91 oct.
(NG)SIOUX FALLS MUN.	2.5 NNW,RR E	1420	57h R1 L5 S6	80,91 oct
Vermillion	3.8 WNW,RR NE	1140	25 S4	80 oct. Poles N.
Wagner	1.3 S,RR N	1464	30 S1	73 oct. Poles E,NW.
Winner	1.3 NE,RR SW	2038	26 S6	80,91 oct.
(P)Yankton	2.3 N,hwy W	1400	37 S6	80 oct. Twr E.

NEW AIRPORTS

Hawks (Bruning)Nebr.	4 SE: hwy N	1500	26 S2	Fuel Data unverified.
Valley Nebr.	1.8 NW:RR NE	1150	22 S1	80 oct.
(P) Skrdla (Stuart, Nebr.)	7.5 S	2090	30 S1	73 oct.
Republican City, (Nebr.)	0.5 NW; RR S		30 S6	80,91 oct.Flares in emerg.
Falls City, (Nebr.)	1.2 NE	960	29 S2	80 oct. Data unverified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See PAGE IV) NC (not charted). → NEW OR REVISED DATA

30 OMAHA


COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.
FARGO 11
FLETCHER
RANCHER'S AND FARMER'S
CHAMBERLAIN
WINNER
PLATTE
GREGORY
MINNEAPOLIS DENVER
S. DAK.
NEB.
WAGNER
ANDERSON
MITCHELL
HURON
PIPESTONE
DELL RAPIDS
MINNEAPOLIS
WORTHINGTON
McDOWELL
OKOBOJI AWYS.
SIOUX FALLS
245 (116.1)
SIOUX FALLS
MINN.
IOWA
JOHN E. PETERS
FULLER
McKISICK
SHELDON
SPENCER
THORNE
HART
LIBERTY
YANKTON
VERMILLION
WESTERN UNION COL
CHEROKEE
ELK POINT
RICKENBACKER
SIOUX CITY
335 (116.1)
SIOUX CITY
396 (118.3, 126.18)
STORM LAKE
NICHOLSON
SLOAN
WAYNE
PENDER
OLIVER RANCH
DENISON
AINSWORTH MUN.
SKRDLA
ATKINSON
KANSAS CITY DENVER
DES MOINES 31
ELGIN
NORFOLK
EAGLETON
CALIFORNIA
DUNLAP
MANNING
WESTPOINT
MISSOURI VALLEY
BRIGGS
HARLAN
ATLANTIC MUN
ATLANTIC
SCRIBNER AAF
FREMONT
BLAIR
CLEAR RIDGE
OMAHA
320 (111.1, 116.1)
CHEYENNE 27
ORD
BROKEN BOW
NEBR. 3 D.A.
COLUMBUS
SCHUYLER
DAVID CITY
VALLEY
HANCOCK
On request
GRAND ISLAND
263 (111.1, 116.1)
KEARNEY AAF (W)
536
COUNCIL BLUFFS
ATLANTIC
257 (116.1)
MEAD
WESTON
BRAINARD
OMAHA
278 (118.5, 126.18)
GLENWOOD
RED OAK
NORTH PLATTE
100TH MERIDIAN
LEXINGTON
WAVERLY
GRAND IS. AAF
278 (126.18)
LINCOLN
385 (116.1)
LINCOLN
UNION
OFFUTT AAF
396 (126.18)
TABOR
SHENANDOAH
CLARINDA
HAYS CENTER
TO CURTIS
OVERTON
CENTRAL
KEARNEY AAF
396 (126.18)
KEARNEY
HASTINGS SKY RANCH
HARVARD AAF
ARROW
CRETE
IOWA
MO.
HOLDREDGE
CLAY CENTER
FAIRMONT AAF
TECUMSEH
AUBURN
TARKIO
HASTINGS
OHIOWA
HAWKS
BRUNING
BEATRICE
On request
TARKIO
281 (116.1)
HEWETTS
HEBRON
FAIRBURY
HEW'S
FALLS CITY
CRAIG
REPUBLICAN CITY
NEB.
KANS.
SUMMERFIELD
BERN
NORTON
BELLEVILLE
MARSHALL AAF
215
SENECA
HIAWATHA
PHILLIPSBURG
SMITH CENTER
MANKATO
WOOD AIRPARK
TOPEKA (VHF) (W)
W-109.1
ST. JOSEPH
341
HAWK'S
WALDO (VHF) (W)
V-108.7
DOWNS
MORITZ
BLOSSER
CLAY CENTER
KANS. 3 D.A.
LARKINBURG
SALINA (VHF)
U-108.3
SMOKY HILL AAF
MARSHALL AAF
396 (126.18)
MANHATTAN
PHILLIP BILLARD
278
MANKAN
POTTAWATOMIE
ELKINS
HUNTOON
LAWRENCE
TULSA 63
AMARILLO 59
WICHITA 62
OVER
CONTROLLED ONLY BETWEEN 6500 AND 8500 FT M.S.L.
TO AKRON
TO DES MOINES
TO KANSAS CITY
KANSAS CITY
259
100TH MERIDIAN

DES MOINES 31

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

MINNEAPOLIS 14 | ROCHESTER 278 (118.7) | ROCHESTER 236 (116.1) | LA CROSSE 371 (116.1) | MASON CITY 227 (116.1) | LONE ROCK 278 (116.1) | DES MOINES 278 (118.3, 126.18) | DES MOINES 212 (111.1, 116.1) | ST. JOSEPH 341 (111.1, 116.1) | ROSECRANS 278 MC (118.7, 126.18 MC) | KANSAS CITY 359 (116.1, 111.1) | KANSAS CITY 278 (118.3, 126.18) | FAIRFAX AAF 278 (118.9, 126.18) | SHERMAN AAF 396 (126.18) | NAS. OTTUMWA 272 (142.74) | CHILLICOTHE 242 (116.1) | IOWA CITY 248 (116.1) | MOLINE 224 (116.1) | MOLINE 278 On request | BURLINGTON 326 (111.1, 116.1) | COLUMBIA 379 (116.1) | NEW FLORENCE 248 (116.1) | ST. LOUIS 209 (116.1) | KIRKSVILLE 391 (116.1) | MARSHALL 281 (116.1) On request

AMBOY, TRI-MONT, SHERBURN, FAIRMONT, BLUE EARTH, ALBERT LEA, DECKER, ARMSTRONG, ESTHERVILLE, MINN. / IOWA, LE ROY, MASON CITY, WICKS, RYAN, WESLEY, SQUEEZE, MOSHER, HENRY'S, TATRO FLY. SER., MINNEAPOLIS CHICAGO, CLERMONT, ELKADER, RICHLAND CTR., LA CROSSE, WISC. 2 D.A., TOMAH, CAMP WILLIAMS, CAMP McCOY AAF, SPARTA-ANGELO, LONE ROCK, TO MADISON 278, TO ROCKFORD 338, STATUTE MILES, RED ROCK, WIS. / IOWA, WIS. / ILL., DUBUQUE, SHULLSBURG, BELLEVUE, CLINTON, GOODRICH & GROSS, DYERSVILLE AWYS, WATERLOO, CANFIELD, CHAPMAN, INDEPENDENCE, IOWA FALLS, EMMERTS, GRUNDY CENTER, CONRAD, TRAER, NIEDERHAUSER, SAXON, McVILLE, HUNTER, CEDAR RAPIDS, MELBOURNE COM., MELBOURNE, NEWTON, NIEDERHAUSER AWYS., IOWA CITY, GRAND, CRAM, WIESE, MONTEZUMA, PELLA, ROTH, MUSCATINE, COLUMBUS JUNCTION, WASHINGTON MUN, TO WALNUT, CHICAGO 350, MOLINE, On request, GALESBURG, MONMOUTH, FORT MADISON, MT PLEASANT, OTTUMWA MUN, CHARITON, LUCAS, VENTURE, SEYMOUR, CENTERVILLE, UNIONVILLE AWYS., HUMESTON, LEON, MT. AYRPORT, LAMONI, EDWARDS, IOWA / MO., MARYVILLE MEM'L., FORDYCE, VAUGHN, DAVIESS CO., CHILLICOTHE, OSBORN, CAMERON, BAILEY'S ARPK., BAILEY'S, MARCELINE MUN., KIRKSVILLE ARPK., KIRKSVILLE, LURAY, QUINCY, + QUINCY (NEW), BEARDSTOWN, HANNIBAL, NEGUS, JACKSONVILLE, TO ADVANCE, FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 143, BRADLEY, BOWLING GREEN, CHESTERFIELD, SLATER, FAYETTE, GREEN, JERSEYVILLE, ST. PETERS, VICHY, SPANISH LAKE, TO EFFINGHAM, LEAVENWORTH, LINKVILLE, EXCELSIOR SPRINGS, OMAHA, OMAHA 30, TO TABOR, TERRE HAUTE 67, TO PEORIA, AUDUBON AWYS, ADAMSON AWYS., GUTHRIE CENTER, DODGE, ADAIR, STUART, EARLHAM, BEAVER, DRESSLER, WINTERSET, CARROLL, JEFFERSON, AMES, MONROE, HUMESTON, MARSHALL, NICHOLAS, FISHER, DE SOTO, HEART OF AMERICA, INDEPENDENCE, LEXINGTON, FAIRFAX AAF, SHERMAN AAF, ROSECRANS, LAKE CITY, SAC CITY, CARROLL, MACOMB, KEOKUK, CARTHAGE, ST. DAVID, MATANZAS, SHULLSBURG, BELLEVUE, CLINTON, MOLINE, GALESBURG, MONMOUTH, BURLINGTON, HI-WAY, RED 55, RED 12, GREEN 1, GREEN 2, GREEN 3, GREEN 4, AMBER 5, 91°-42'-45", 92°-42'-45", 91°-40'-30", 92°, 93°, 94°, 95°, 42°, 43°, 44°, 41°, 40°, 39°, 90°, 50, 25, 30, 20, 21, 14, 8, 27, 26, 24, 11, 12, 13, 15, 16, 17, 18, 19, 22, 23, 28, 29, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91,

ILLINOIS

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
Beardstown	1.5 SE; RR N, W		18 S2	80 oct. Data unver.
Carthage	1.5 SSW; RR E	665	24 S6	80 oct. P-line E.
* Chesterfield Int, 4, LS-CG	3 ENE; hwy N	612	26 L3	
Galesburg	1.7 NW; hwy E	788	27h L3 S6	80 oct. Fld lgts prior req E blocked.
Hi-Way (Fiatt)	1.3 WNW; hwy S	665	20 S4	80 oct. 35' p-line S, E.
Jacksonville	3.9S; hwy E	650	19 S4	80 oct.
JERSEYVILLE FM	(-)	355°, 21	FM	St. Louis, Mo.
Macomb	2.4 E; hwy E	695	23 S6	73, 80 oct. N, NE blckd. P-line E, SE.
→ Matanzas (Havana)	4 S; riv W	480	24 S6	80 oct. Data unver.
MOLINE Range	224 (MO) (116.1)	142°, 12	SBRAZ-DTV	(4); 116.1
MOLINE ML Fac.	278	86°, 2.3	ML	3105 (on req.)
(A) [Moline]	4 S; hwy E, N	590	40h R1 L6 S6	73, 80, 91 oct, 100 oct for Army. Poles NW.
Monmouth	1.5 NNE; rd E	770	31 L1 S6	80 oct. P-line E, W, S.
Negus (Alexander)	2.8 WNW; RR SE	645	22	PRIVATE.
(P) Quincy	2.8 SE; hwy E	650	26 S6	80, 91 oct. E blckd. P-line SE, S, SW.
Quincy, new	9.5 E	760	54h	Data unver.
St. David	1.5 SW; RR N	628	22 S2	80 oct. 200' stack NE.

IOWA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
Adair	1.5 SSE; RR NW	1350	18 S1	Ltd 73 oct. Trees S.
→ Adamson Arwys	4.8 WSW; hwy N			ABANDONED.
Ames	2.5 SSW; RR NW	920	25 S6	80 oct. Lgt acft only.
Armstrong	3.2 NW; hwy S	1250	22 S1	Ltd 80 oct. Trees E.
Audubon Arwys.	1 SSE; RR W	1300	15 S1	80 oct. (Audubon)
Beaver (Des Moines)	3.4 NW	900	25 S6	80 oct.
Bellevue	3 N; RR Wh11.1)	652	19 S1	80 oct.
BURLINGTON Range	326 (BN) (116.1,	357°, L9	SBRAZ-DTV	(4): 116.1, 122.1
(P) [Burlington]	1.7 SSW; hwy E	698	54h R1 L5 S6	80, 91, 100 oct.
Canfield (Waterloo)	3.5 NW; RR NE	800	32 S6	87 oct. P-line N.
Carroll	4.2 ESE; RR N	1196	34 S2	80 oct.
(P) Cedar Rapids	6.7 SSW; RR E	860	55h L5 S1	80, 91 oct.
Centerville	3.5 SSW; RR N	1017	25 S2	80 oct. Use strips only.
Chapman (Waterloo)	5 E; RR NW	870	33 S6	80 oct. P-lines S.
Charlton C.A.P.	2.3 NNE; RR SE	1050	16 S1	80 oct.
Clarion	1.1 NW	1162	27 S6	80 oct.
Clermont	0.8S; riv W	800	21 S6	80 oct. P-line SE, NE.
Clinton	6.2 WSW; RR S	700	27 L S6	80 oct. No sto. Port rnwy lgts.
Columbus Junction	3 N; RR E	580	28 S2	80 oct. P-line N, E.
→ Conrad	3 WNW; RR S			ABANDONED.
Cram (Davenport)	2.5 NW; RR SW	646	21 S6	80, 91, 100 oct.
Creston Arwys (NC)	1.6 NE; RR W	1320		UNUSABLE.
DES MOINES Range	212 (DM) (116.1,	344°, 2	SBRAZ-DTV	(3); 116.1, 122.1
DES MOINES Tower	278 (126.18, 111.1, 118.3)		C	(4); 126.18, 122.5, 118.3
(NG) [Des Moines]	4.5 SSW; RR W	950	57h R2 L5 S4	80, 91, 100 oct.
Dodge (Grimes)	3.5 E; hwy, RR E	835	27 S6	80 oct.
Dows	1.5 SSE; RR NE	1144	26 S2	80 oct.
Dressler (Anita)	7 SSE; rd W	1250	17 S2	80 oct. Trees S.
(P) Dubuque	1.9 NE; riv E	602	27 S6	80 oct. Poles SE, NW.
Dyersville Arwys.	0.8 S; RR NE	940	16 S1	80 oct. Pwr lines NW, NE
EARLHAM FM	(- - - -)	258°, 26.3	FM	Des Moines data unver
→ Elkader	1.1 ESE; RR S	915	19 S2	80 oct. P-line NW. Rnwy lgts.
Elliot Flying Svc.	Adj S.	550	Unl. S1	80 oct. (Davenport) (NC)
(P) Emmerts (Eldora)	2.8 NE; lake SW	1000	32 S6	80 oct. Poles NW, SE
Eno (Fort Dodge)	2.5 E; hwy W	1126	27 S6	91 oct.
(P) Estherville	3.5 E; hwy S	1298	35 L S6	80 oct. Port rnwy lgts. Poles SE, SW.
Fort Madison	1.5 N; RR W		27 S4	80 oct. Ltd sto. Data unver.
Goodrich & Gross (Strawberry Pt.)	3.5 W; RR NE	1200	19 S1	Ltd 80 oct.
Grand (Grand Mnd.)	1.2 SW; RR N	770	20 S2	80 oct.
Grundy Center	1.3 ENE; RR S	990	18 S1	80 oct. P-line S.
Guthrie Center	0.5 NW; riv E	1074	21 S1	80 oct.
Henry's (Floyd)	5 NNE; RR W	1110	14 S1	80 oct. Poles ENE Steep sloped strips.
(P) Hunter (Cedar Rapids)	3S; riv N	732	27 L3 S6	80, 91 oct. Fld lgts prior req. Poles S, E.
Independence	4.1 W; RR E	990	23 S2	80 oct. Poles N.
IOWA CITY H Fac	248 (IX) (116.1)		BHTV	(4); 116.1
(P) [Iowa City]	1.7 SW; riv E	650	43h R1 L1 S6	80, 91 oct. No sto.
Iowa Falls	4.1 S; RR E	1140	24 S2	80 oct.
Jefferson	0.8 NNW; RR S	1052	23 S6	80 oct. No sto. P-line N.
Keokuk	4.6 NNW; riv E	670	28 S1	Ltd 80 oct.
Lake City	3.5 NNE; RR S	1200	26 S1	80 oct.
* Lamoni Int, 10, KC-MP	3 WNW; RR NE	1163	37 L3	
Leon	4.1 N; RR SE	1050	20 S2	80 oct.
→ LUCAS FM				DECOMMISSIONED
McVille (Mechanicsville)	3.2 WNW; RR S	850	30 S6	80 oct. Poles S, W.
→ MASON CITY H Fac.	227 (NM) (116.1)		BHTV	(4); 116.1 (Oper. cont.)
(P) [Mason City]	7 W; hwy S	1215	56h R1 L5 S6	80, 91, 100 oct. Poles SSE
Melbourne	1.5 SW	1000	20 S1	80 oct. Poles N.
Melbourne, com.	0.3S; RR E	1000	21 S2	80 oct. P-line E.
MONROE FM	(- -)	78°, 23.5	FM	Des Moines
→ MONTEZUMA				DECOMMISSIONED.
* Montezuma Int, 17, OH-CG	3 E; hwy N	953	32 L3	Poles, trees SW. Pwr line N.
Mosher (Riceville)	1 W; hwy S	1263		80 oct. P-line S. Data unver.
Mt. Ayrport (Mt. Ayr)	6.6 N; RR N	1100	21 S1	Ltd 80 oct. Poles N, NE.
Mt. Pleasant	2.6 ESE; RR N	727	19 S2	80 oct.
(P) Muscatine	6 SW; RR SE	546	36 L3 S6	80 oct.
Newton	1.5 ENE; hwy S	950	19 S1	80 oct.
Niederhauser	2.3 N; hwy E	890	30 S6	80 oct. (Marshalltown)
Niederhauser Arwys (Grinnell)	4.5 E	1000	26 S2	80 oct.
OTTUMWA Tower	272 (142.74)		CN	(3); 142.74
(N) Ottumwa NAS (N)	6.4 NNW	841	52h R1 L5 S6	73, 100 oct.
Ottumwa	3.6 N; hwy W, S	830	32 S6	80, 91 oct.
Pella	3.5 SE; RR N	877	24 S6	80 oct.
Pocahontas	0.8 E	1216	25	Pole line SW.
Roth (Oskaloosa)	2 SSE; RR NE	850	20 S2	80 oct. Trees sur fld.
Ryan (Emmetsburg)	1.3 W; RR N	1225	18 S2	80 oct. Trees NW.
Sac City	3 SSE; riv W	1160	19 S2	80 oct.
Saxon (Cedar Rapids)	7 NE; hwy S	880	31 S6	80 oct. Trees E, SE.
Seymour	2 NNW; RR S	1060	24 S1	80 oct. Hedge S.
Squeeze (Algona)	5 S; riv S	1201	26 S2	80 oct. P-line NW, W.
* Stuart Int, 8, OH-OG	3.5 SE; rd E	1189	31 L3	P-line NE, E.
Tatro Flying Svc.	2.6 NW; riv W	918	26 S2	80 oct. (Decorah)
Traer	1 ENE; RR SW	895	18 S2	80 oct. P-line E.
Venture (Ottumwa)	2.8 SSE; RR W	800	13 S6	80 oct. P-line N, W, NE.
Washington	1.5 SSE; RR NE	769	26 S6	80 oct.
(P) Waterloo	4 NW; RR S, E		54h L5 S1	80, 91 oct. Data unver. No flood lgts.
Webster City	3.3 SW; riv E	1100	26 S4	80 oct. No sto.
Wesley	1.5 E; RR N	1250	31 S1	80 oct. P-line N, S.
Wicks (Garner)	1.8 NW; RR S	1230	26 S2	80 oct. Poles NW, SW.
Wiese Fly. Svc. (Lone Tree)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver.
Winterset	2 W; RR E	1130	21 S4	80 oct. Fence each end rnwy

KANSAS

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
FAIRFAX Tower	278 (126.18, 118.9)		C	(4); 126.18, 122.5, 118.9
(A) Fairfax (Kansas City) (A)	3 NE; RR E	742	65h R1 L5 S4	91, 100 oct.
Fisher (Edwardsv'l)	1 ESE; RR N	770	26 S6	80 oct.
Leavenworth Lecompton	3.6 WSW; RR E	1125	14 S4	80 oct. No sto. Trees, bldg S.
SHERMAN Tower	396 (126.18) +		CA	(3); 126.18 cont. except Sun. (23-7)
(A) Sherman (Fort Leavenworth) (A)	1 NNE; RR W	771	60 R1 L5 S4	73, 91, 100 oct.

MINNESOTA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Lea	2.3 N; RR E	1255	32 S6	80 oct. No sto. P-line N
Amboy	1 NNE; RR W	1000	24 S2	80 oct.
Blue Earth	3S; RR E	1111	26 S1	80 oct. Flares on req.
Decker (Austin)	1.7 E; hwy N	1224	29 S6	80 oct. No sto. N, S, W blocked.
Fairmont	3.1 S; hwy W	1190	25 S1	80 oct. P-line W. Flares
ROCHESTER Range	236 (RR) (116.1)	350°, 2.6	BMRLZ-DTV	(3); 116.1 on req
ROCHESTER Tower	278 (118.7)		C	(4); 118.7, 122.5
→ [Rochester Mun.]	1.7 SSE; RR W	1040	43h R2 L4 S6	80, 91 oct. P-line E, N.
Sherburn	2 WNW; RR S, E	1300	21 S2	80 oct. Pwr line ESE.
→ Tri-Mont (Triumph)	0.9S; RR W, E	1250	24 S1	80 oct.

MISSOURI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
→ Bailey's (Brookfield)	2 WSW; hwy N	800	26 S1	80 oct. Pwr line SE. Poles E, SE; NW blckd
→ Bailey's Arpk. (Chillicothe)	2 SSE; RR W	675	32 S6	80 oct. S, SW blocked.
Bowling Green	1.6 NW; RR E	882	25 S2	80 oct. Poles S, pwr line
(P) Bradley (Moberly)	3 NNE; hwy W	865	37h S6	80 oct. Obsts. SE.
Cameron	2 E; RR NW	1050	21 S4	80 oct. Poles N, W, NNW
CHILLICOTHE H Fac	242 (CK) (116.1)		MHTV	(4); 116.1
Chillicothe, 7, KC-CG	3 ESE; RR N, SW	780	25h R1 L3	P-line S, trees SW. 4000' strip avail.
Daviess Co.	1.1 W; RR N	930	16 S1	80 oct. Pole N.
Edwards (Grant City)	1.2 ENE; RR W	920	17 S1	Ltd 80 oct.
EXCELSIOR SPGS FM	(-)	52°, 27	FM	Kansas City
Fayette	1.5 S	660	28 S2	80 oct. Data unver.
→ Fordyce (Bethany)	4.8 ESE; rd W	1050	22 S2	80 oct.
Green (Mexico)	4.3 ESE; RR S	815	36 L S6	80 oct. Port rnwy lgts.
Hannibal	4.3 WNW; hwy N	735	28 L S6	80 oct. P-line SW. Port
Heart of America (Kansas City)	4 E; RR E	759	23 S6	80 oct. rnwy lgts. Poles, trees S.
Independence	5.8 ESE; RR S	825	23 S6	80 oct. Poles S.
KANSAS CITY Range	359 (KC) (116.1) (111.1)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower [Kansas City]	278 (126.18, 118.3)		AC (ILS-W)	(4); 126.18, 118.3, 122.5
	2.5 NW; riv W, S	739	52h R3 L6 S6	80, 91, 100 oct. Poles E. dike W. Flood lgts
→ KIRKSVILLE Range	391 (KR) (116.1)	333°, 0.9	BMRLZ-DTV	(4); 116.1, 122.1 inop.
Kirksville Arpk.	Adj SE	927	26	Clsd for winter.
Kirksville, 12, KC-CG	7 SE; hwy NE	970	39h R1 L3 S6	80, 91 oct.
Lexington	3 WNW; RR NW	650	33 S6	73 oct. P-line S, W, SW
LINKVILLE FM	(- - - -)	328°, 11.4	FM	Kansas City
* Luray Int, 16, KC-CG	1.9 ESE; hwy N	727	26 L3	
Marceline	1.5 N; RR SE	855	20 S1	80 oct. P-line NNE
MARSHALL H Fac.	281 (MH) (116.1)		MHTV	(4); 116.1
* Marshall Int, 7, KC-LS	1.8 S; hwy E	800	39 R1 L3 S2	80 oct. Silo NE corner
(P) Maryville Mun.	2.2 WNW; hwy S	1154	25 S6	80, 91 oct.
Nicholas (Marshall)	3.8 S; hwy W	770	26 S4	80 oct. Pwr line S.
* Osborn Int, 4, KC-MP	1.5 NW; hwy S	1048	32 L3	
ROSECRANS Tower	278 (126.18, 118.7)		C	(4); 126.18, 118.7, 122.5
(NG) [Rosecrans] (St. Joseph)	4 NW; riv SW	821	60h R2 L5 S6	80, 91, 100 oct. Fld lgts prior req.
ST. JOSEPH Range (Rosecrans)	341 (ZJ) (116.1, 111.1)	359°, 3.7	SMBRLZ-DTV	(3); 116.1, 122.1
→ Savannah	1.3 E; RR W			ABANDONED
Slater	0.8 NW; hwy SE	850	26	P-line adj N.
Unionville Arwys	1.5 ESE; hwy NE	1100	24 S2	80 oct. P-line N.
Vaughn (Trenton)	1.2 NNW; RR E	790	26	

WISCONSIN

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
(A) Camp McCoy (A)	2.6 E Sparta	830	38h	RR W
(P) Camp Williams (Camp Douglas)	1 N; RR SW	915	45h S2	No fuel. Rnwy data unver. Obsts SE, S. Clsd winter.
LA CROSSE Range	371 (LE) (116.1)	127°, 1.8	SBRAZ-DTV	(4); 116.1
(P) La Crosse	5 NNW; bet rivs	653	53h L5 S4	80, 91 oct.
* La Crosse Int, 23A, CG-Twin Cities	8 NNW; RR NE	667	37 R1 L3	Pole E.
LONE ROCK Range	278 (LK) (116.1)	98°, 0	BMLZ-DTV	(4); 116.1
* Lone Rock Int, 15, CG-Twin Cities	2 N; rd W, N	714	39 R1 L3 S2	Ltd 80 oct. P-line NE.
Red Rock (Darlington)	5 SE; RR E		12 S1	80 oct. Data unver.
Richland Center	6 SSE; hwy W		23 S1	80 oct. Trees E, S. Data
Shullsburg	0.5 S	1000	18 S1	80 oct. Trees unver. SW. Data unver.
Sparta-Angelo	2.2 NE; RR E	800	25 S1	80 oct. Poles our fld.
Tomah	1 E; RR N	970	18 S1	73 oct. 180' hill E.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
KANSAS CITY	109.9	333.8	173° Mag.	IM- ·····(0.01)	MM-	OM- ——(4.55)	
					MMK-221- - -(2.6)	OMK-248- - -(11)	
				IM-	MM-	OM-	
					MMK-	OMK-	

NEW FACILITIES

(3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker.

+ Army A.C.S. transmits on and guards 118.1, 137.86, 140.58 mcs. * Guarded only when associated tower inoperative h-Hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page 17)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

RADIO

ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
BRADFORD (Int.)	382 (MQ)	MHT	(4)
CHICAGO	350(CG)(116.1)	SBRAZ-DTXV,:52°,2.2	(3); 116.1
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
GLENVIEW (Navy)	269 (NBU)	BMLZ-DT	(3); 140.58, 142.74
Glenview NAS	236(142.74, 140.58)	CN, 140°, 3	(3); 140.58; 3117.5 on req.
HARVEY (Rubinkam)	385 (GH)	MLWZ, 90°, 2.2	
JOLIET	257 (JO)(116.1)	SBRAZ-DTV,126°,3.7	(4); 116.1
NEWARK FM	(- - -)	FM, 246°, 49	Chicago
PEORIA	356 (PI)	SBMRAZ-DT,178°,2.3	(4)
ROCKFORD (Machesney)	338(RD)(116.1)	SBRAZ-DTV,45°,1.7	(4); 116.1

INDIANA

LOWELL FM	(. . - -)	FM, 152°, 40	Chicago
McCOOL (Int.)	359(ML)	MHW	(Cont.)
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen

WISCONSIN

GENERAL MITCHELL (Milwaukee)	278 (118.5)	C; 352°, 2.5	(4); 118.5,122.5
GENESEE FM	(- - -)	FM, 279°, 25.3	Milwaukee
KENOSHA FM	(- -)	FM, 178°, 24.7	Milwaukee
MADISON (Truax)	400(MA)(116.1)	BMLZ-DTV,314°, 2.6	(4); 116.1
MILWAUKEE (General Mitchell)	242(MK)(116.1)	SBRAZ-DTV.	(3); 116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Albertus (Freeport)	3.8SE,RRS,W	740	26 S6	73,80 oct.
(P)Beloit-S.Beloit (S. Beloit)	1 S; RR E	772	33 S6	80,91 oct. Hill NE.
Bradford Int,29, KC-CG	4.5 NNE	795	26 R1 L3 S1	80 oct. Pole line SW, NE.
Clearview (Earlville)	3 E; hwy S		18 S1	80 oct. Data unver.
Dixon	1.9 ESE,RR S	786	30 L1 S6	80,91 oct.Appchs blocked except E
Elgin	2.2 N; hwy W	770	24h S1	80, 91 oct. and N half W bndry.
Evergreen (Warren)	1.4 SSE; hwy W	1000	26 S4	80 oct. Trees W.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
(N)Glenview NAS (N)	1.6 NW;RR W,E	654	63h R2 L3 S6	91,100 oct. No sto.
Grayslake	1.1 ENE;rd W	791	26	Trees W,S,E
Interstate (De Kalb)	1.8 E;RR W	900	42h	
Johnsburg Airpark	0.4 SSW;riv S	740	20 S4	80 oct.
Kane County (Elgin)	7 WNW;hwy E	910	21 S4	80 oct. Trees E,SE,NW
Kankakee	3.2 WSW;hwy E	625	26 S4	73,80 oct.Use strips only.Ditch N.
Kiswaukee (Sycamore) (NC)	2.1 SW; rd E	820	18	
Lake County (Waukegan)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
Machesney, 7, CG-Twin Cities (Rockford)	6 NNE;riv NW	735	29 R1 L3 S6	73,80 oct.E,S blkd.P-line SE
Momence	3.5 SW;riv NW,N	645	23 S2	80 oct. Trees N,NW,NE.
Morris	4.5 N;hwy W	590	21 S2	73 oct. Poles N,NNE.
Mt. Hawley (Peoria)	6.4 N;rds E,S	700	28 S6	80 oct. Pole line S,E.
Pal-Waukee (Glenview)	5.5 WNW;RR S	642	26 L3 S6	80,91 oct. Pole line N.
Pecatonica	1 N;hwy E	750	24 S1	73 oct. Poles E.
(P)PEORIA	4.8 WSW;rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
Phil-Larry (Roanoke)	4 W	747	23 S6	80 oct. Data unver.
Powell Brothers (Sheldon)	2.2 S;hwy NE	690	20 S2	80 oct.
Princeton	3 N; creek N		18 S2	80 oct. Data unver.
Sky Harbor (Northbrook)	1.6 NW;RR SE	680	26 S6	80,91 oct. Port rnwy lgts.
Sterling	1.4 NW;hwy E	645	25 S6	80,91 oct. E,SE blocked.
Stockton	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Service	2 ENE;hwy S	650	26 S4	80 oct. Pole line E.
* Van Orin Int, 34, OH-CG	1 ENE;RR S	828	33 L3	Poles W.
Vogel (La Salle)	6.5 NNW;RR E	664	26 S2	80,90 oct.Soft when wet.Poles N,W
Waukegan	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Will County (Steger)	0.5 S;RR W	740	15 S6	Pole line S. No sto or fuel.

INDIANA

Cedar Lake	1.5 NNW;lake E	751	28 S4	73,80 oct. Data unver.
Cheever (Demotte)	3 W		29 S1	80 oct. Data unver.
Crown Point	1 N		30 S6	80 oct.P-line E.Data unver.
Jasper Co. (Rensselaer)	1.5 WNW;hwy S	676	32 L3 S4	80 oct
Kentland	6 ENE		19	Data unver.
Lake Village	1 NW;hwy S	650	22 S2	80 oct. Data unver.
Rensselaer	10 NE		18	Data unver.

[redacted]IN

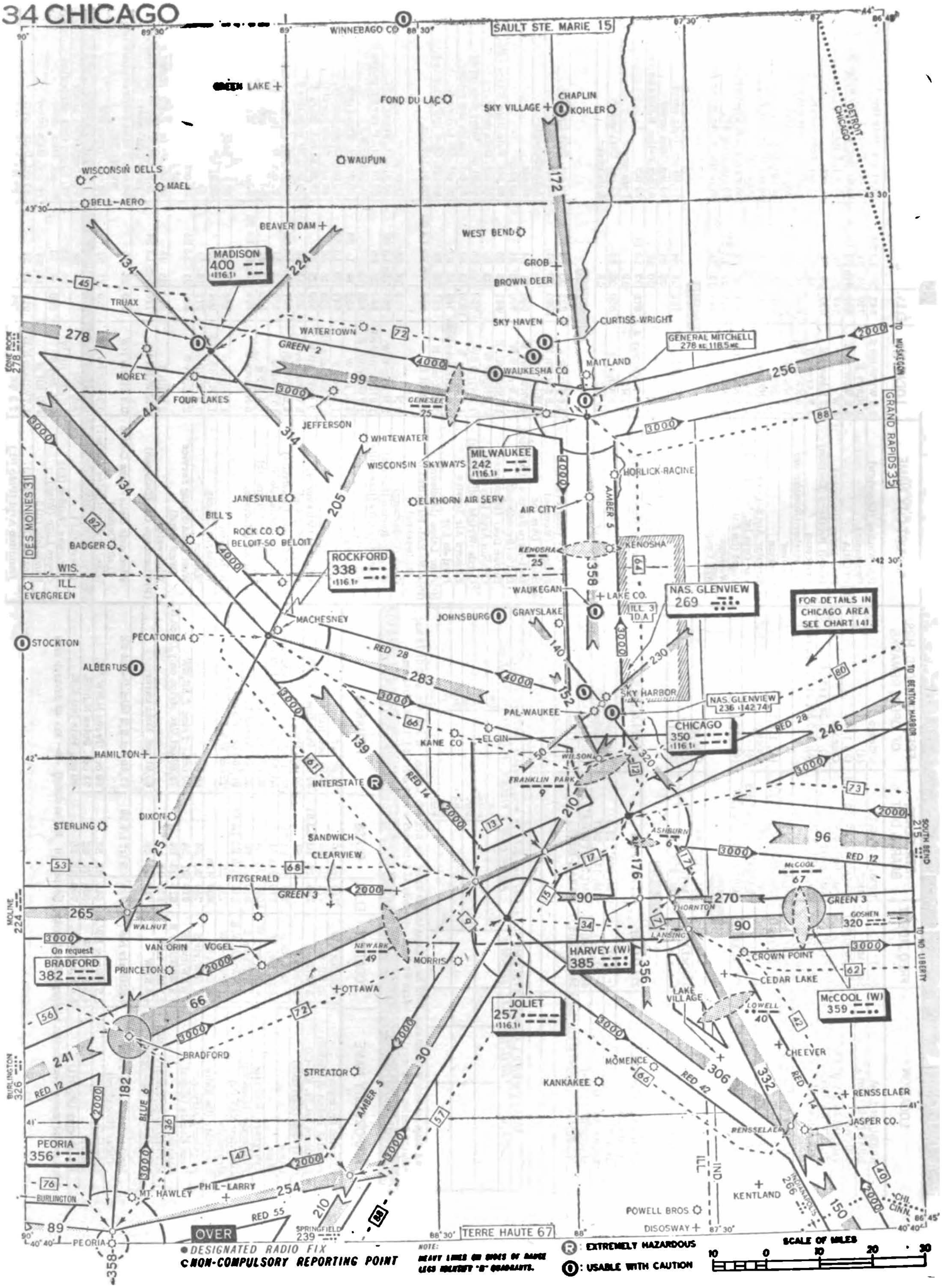
Air City (Sturtevant)	0.6 SE;RR E	633	25 S4	80 oct. Pole line NW.
Badger (Monroe)	1.8 SW;RR N	1080	20 S1	80 oct.
→ Beaver Dam Inc.	2 N;lake W			ABANDONED
Bell-Aero Service (Baraboo)	4 NNW;hwy W	980	21 S4	80 oct.
Bill's (Broadhead)	1.8 S;riv S,W	780	23 S1	80 oct.
Brown Deer (Milwaukee)	10 NNW;RR E	681	25 S6	80 oct. Pole lines N;trees SE.
Chaplin Arpk (Plymouth)	0.5 N;RR W		22 S2	80 oct. Data unver.
Curtis-Wright (Milwaukee)	9 NW;riv SW	750	30 S6	80,91 oct. Rnwy data unver.
Elkhorn Air Service	1.5 N;hwy E	1000	13 S1	80 oct. Rough and rolling.
Fond du Lac	2.6 ENE;lake WNW	769	26 S2	80 oct. 50' hi-line N.
(P)Four Lakes (Madison)	3 SSE;lake N	881	30 S6	80 oct. Obst lgts prior req.
(P)GENERAL MITCHELL (Milwaukee)	6 S;RR E	676	50h R2 L4 S6	80,91,100 oct.
Grob (Cedarburg)	2 N	875	24 S4	Data unver.
Horlick-Racine (Racine)	2 N;RRs E,W	665	25h L1 S6	80,91 oct. Trees N,SE.
Janesville City (Janesville)	1.8 NNE;RRs NW	880	26 S6	80,91 oct.51' twr SE;p-line SE.
Jefferson	1.7 WSW;RR E	800	13	Pole line N.
Kenosha	2 S; RR W	623	29 L S6	80,91 oct. Flood lgts.
(P)Kohler	1 N;hwy S	647	30 L1 S6	80 oct. Obsts sur fld.
Mael (Portage)	1.6 NW;lake SE	820	26 S6	80 oct. Obsts sur fld.
Maitland (Milwaukee)	3 ESE; RR W	590	25 S6	73,80,91 oct. Stack S.
Morey (Madison)	9 WNW;hwy E	928	34 S6	80 oct. 30' pole line S.
(P)Rock County (Janesville)	4.5 SSW;RR W	807	54h L5 S2	80,91 oct.
Skyhaven (Milwaukee)	10.5 WNW	800	26 S1	80 oct. Pole line N;trees E,S.
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver.
(A)TRUAX (Madison)	5 NE;hwy E	859	60h R1 L5 S6	80,91 oct. ARMY TMP INACT: CIVIL FACS
Watertown	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukesha County	1.8 N;rd jct NW	904	31 S6	80,91 oct. Pole line S.
Waupun	3.5 W;RR E	912	14 S1	80 oct.
West Bend Flying Service (West Bend)	2.5 E;riv S	880	21 L3 S6	80 oct.Fld lgts prior req. Poles sur fld.
Whitewater	2 N;RR S	810	22 S5	80 oct.P-line E,ENE;ridge E.
(P)Winnebago Co. (Oshkosh)	2 SSW;RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE,N,W. Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton)	0.8 SE;riv NW	910	24 S6	80 oct. 2 hills SW;trees,pole line NW,NE,SE.
Wisc. Skyways(Hales Corner)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.

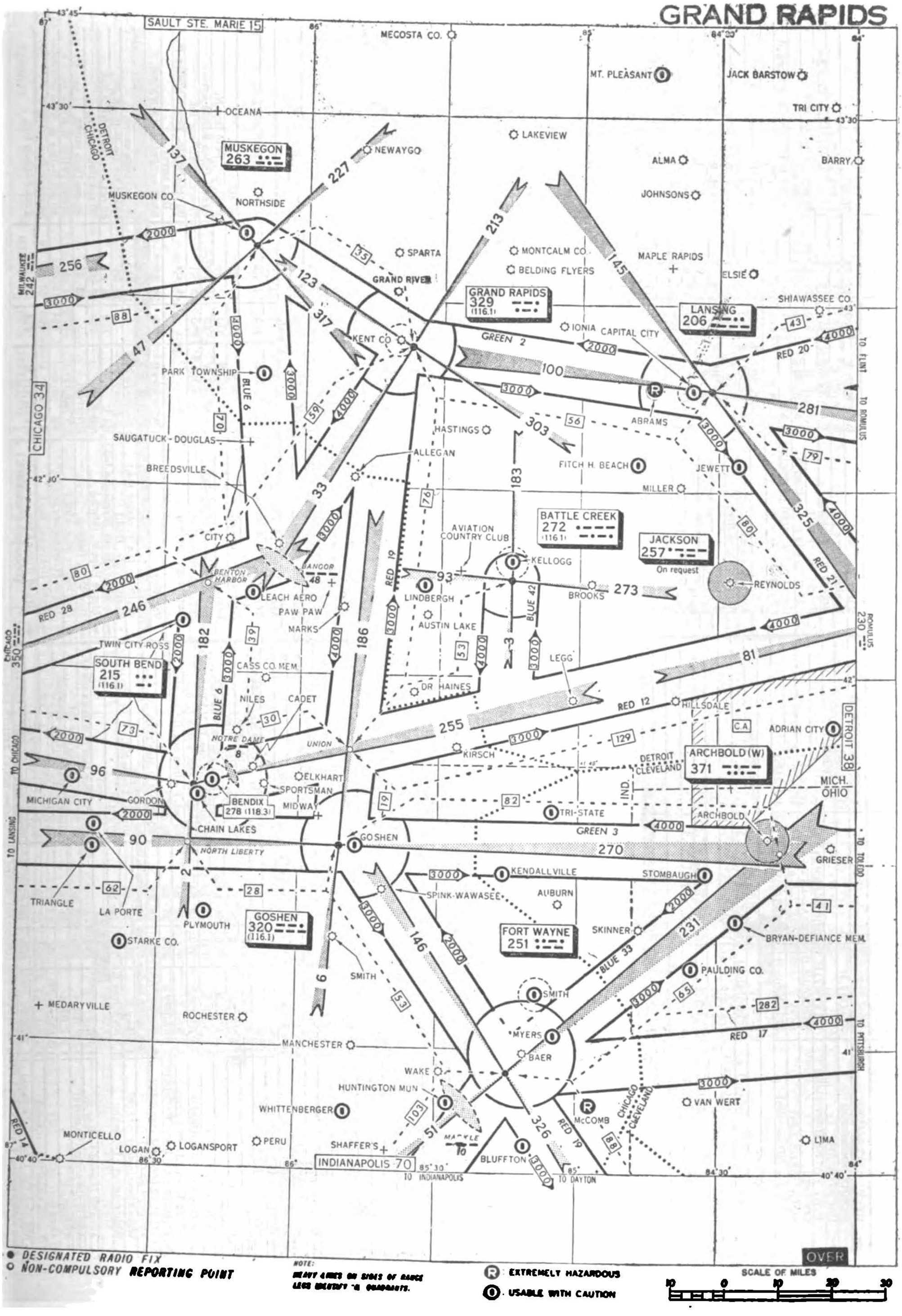
NEW AIRPORTS

Ottawa (Ill.)	Adj NW		22 S2	80,91 oct. Data unver.
Disosway Sheldon (Ill)	5.8 SW; RR W		26 S2	73, 80 oct Data unverified
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.
Sandwich, (Ill.)	1 W;RR N		18 S4	30 oct. Data unver.
Beaver Dam, (Wisc.)	1.7 W;lake N,E	910	20 S4	80 oct. Data unver
Hamilton Arpt (Polo,Ill.)	2.3 NE	795	25 S3	80 oct P-line N,E blkd

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page (V) NC-(not checked). → NEW OR REVISED DATA

34 CHICAGO


SAULT STE. MARIE 15
WINNEBAGO CO
LAKE
FOND DU LAC
SKY VILLAGE
CHAPLIN
KOHLER
DETROIT CHICAGO
WAUPUN
WISCONSIN DELLS
MAEL
BELL-AERO
BEAVER DAM
WEST BEND
MADISON 400 (116.1)
GROB
BROWN DEER
TRUAX
SKY HAVEN
CURTISS-WRIGHT
WATERTOWN
GENERAL MITCHELL 278 (116.5)
GREEN 2
WAUKESHA CO
MAITLAND
MOREY
FOUR LAKES
GENESEE
JEFFERSON
WHITEWATER
MILWAUKEE 242 (116.1)
WISCONSIN SKYWAYS
HORLICK-RACINE
JANESVILLE
ELKHORN AIR SERV
AIR CITY
BILL'S
ROCK CO.
BELOIT-SO BELOIT
BADGER
KENOSHA
ROCKFORD 338 (116.1)
WIS.
ILL.
EVERGREEN
WAUKEGAN
LAKE CO.
NAS. GLENVIEW 269
FOR DETAILS IN CHICAGO AREA SEE CHART 141
MACHESNEY
JOHNSBURG
GRAYSLAKE
STOCKTON
PECATONICA
ALBERTUS
SKY HARBOR
PAL-WAUKEE
NAS. GLENVIEW 236 (142.7)
CHICAGO 350 (116.1)
KANE CO
ELGIN
HAMILTON
WILSON
FRANKLIN PARK
INTERSTATE
DIXON
STERLING
SANDWICH
CLEARVIEW
ASHBURN
FITZGERALD
GREEN 3
MCCOOL 67
THORNTON
GOSHEN 320
WALNUT
VAN ORIN
VOGEL
NEWARK
MORRIS
PRINCETON
BRADFORD 382
OTTAWA
HARVEY (W) 385
JOLIET 257 (116.1)
LAKE VILLAGE
LOWELL
CROWN POINT
CEDAR LAKE
McCOOL (W) 359
CHEEVER
STREATOR
MOMENCE
KANKAKEE
RENSSELAER
JASPER CO.
PEORIA 356
MT. HAWLEY
PHIL-LARRY
BURLINGTON
POWELL BROS
DISOSWAY
KENTLAND
SPRINGFIELD 239
TERRE HAUTE 67
PEORIA
OVER
TO MUSKEGON
GRAND RAPIDS 35
TO BENTON HARBOR
TO LIBERTY
SOUTH BEND 215
DES MOINES 31
MOLINE 224
BURLINGTON 326
● DESIGNATED RADIO FIX
C NON-COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "E" BOUNDARIES.
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30


SAULT STE. MARIE 15
MECOSTA CO.
MT. PLEASANT
JACK BARSTOW
TRI CITY
OCEANA
LAKEVIEW
NEWAYGO
MUSKEGON 263
ALMA
BARRY
JOHNSONS
MUSKEGON CO.
NORTHSIDE
SPARTA
MONTCALM CO.
BELDING FLYERS
MAPLE RAPIDS
ELSIE
GRAND RIVER
GRAND RAPIDS 329 (116.1)
LANSING 206
SHIAWASSEE CO.
IONIA CAPITAL CITY
KENT CO.
PARK TOWNSHIP
ABRAMS
HASTINGS
SAUGATUCK - DOUGLAS
ALLEGAN
BREEDSVILLE
FITCH H. BEACH
JEWETT
MILLER
BATTLE CREEK 272 (116.1)
AVIATION COUNTRY CLUB
JACKSON 257 On request
KELLOGG
REYNOLDS
CITY
BENTON HARBOR
BANGOR
LEACH AERO
PAW PAW
LINDBERGH
BROOKS
AUSTIN LAKE
MARKS
TWIN CITY ROSS
SOUTH BEND 215 (116.1)
CASS CO. MEM.
LEGG
DR. HAINES
NILES
CADET
NOTRE DAME
UNION
HILLSDALE
ADRIAN CITY
KIRSCH
DETROIT CLEVELAND
ARCHBOLD (W) 371
MICH. OHIO
ELKHART
SPORTSMAN
MIDWAY
MICHIGAN CITY
GORDON
BENDIX 278 (118.3)
TRI-STATE
ARCHBOLD
CHAIN LAKES
GOSHEN
NORTH LIBERTY
GRIESER
KENDALLVILLE
STOMBAUGH
SPINK-WAWASEE
AUBURN
TRIANGLE
LA PORTE
PLYMOUTH
GOSHEN 320 (116.1)
FORT WAYNE 251
SKINNER
BRYAN-DEFIANCE MEM.
STARKE CO.
SMITH
PAULDING CO.
MEDARYVILLE
ROCHESTER
MANCHESTER
MYERS
BAER
WAKE
HUNTINGTON MUN
VAN WERT
WHITTENBERGER
McCOMB
LIMA
MONTICELLO
LOGAN
LOGANSPORT
PERU
SHAFFER'S
INDIANAPOLIS 70
BLUFFTON
TO INDIANAPOLIS
TO DAYTON
TO FLINT
TO ROMULUS
TO CHICAGO
TO LANSING
TO TOLEDO
TO PITTSBURGH
DETROIT
CHICAGO
MILWAUKEE
CHICAGO
ROMULUS
DETROIT
CHICAGO
DETROIT CHICAGO
CHICAGO CLEVELAND
DETROIT CLEVELAND
IND.
137
227
213
145
123
317
47
256
246
182
186
183
325
281
100
303
33
59
56
79
80
88
96
90
62
28
146
53
326
51
103
273
81
255
129
270
231
65
282
RED 28
RED 20
RED 21
RED 19
RED 12
RED 17
RED 14
BLUE 6
BLUE 42
BLUE 33
GREEN 2
GREEN 3
2000
3000
4000
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE 'R' QUADRANTS.
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
OVER
SCALE OF MILES
10 0 10 20 30

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
INDIANA			
➤ BAER, FORT WAYNE			DECOMMISSIONED
BENDIX (South Bend)	278 (118.3)	C	(4);118.3,122.5
➤ DECATUR FM			DECOMMISSIONED
FORT WAYNE (Baer Field)	251 (FW)(116.1)	BMRLZ-DTV,51°,3.5	(4);116.1
GOSHEN	320(GO)(116.1)	SBRAZ-DTV,90°,2.7	(4); 116.1
NOTRE DAME LFM	(- -)	LFM, 75°, 8.2	South Bend.
SOUTH BEND (Bendix)	215(SN)(116.1)	SBMRAZ-DTV,75°,3.3	(3); 116.1
MICHIGAN			
BANGOR FM	(- - -)	FM, 213°, 48	Grand Rapids
BATTLE CREEK (Kellogg)	272(JC)(116.1)	BMLZ-DTV, 3°,3.2	(4); 116.1
GRAND RAPIDS (Kent County)	329(GR)(116.1)	BMRLZ-DTV,303°,2	(4); 116.1
JACKSON (Reynolds)	257 (JN)	MHT	(4)
LANSING (Capital City)	206 (LI)	SBMRAZ-DT,280°,3	(4)
MUSKEGON (Muskegon County)	263 (UK)	BMLZ-DT,317°,2.8	(4)
OHIO			
ARCHBOLD (Int.)	371(YV)	MHW	(Cont.)
NEW RADIO FACILITIES			
➤ MARKLE(Ind)FM	(- - -)	FM, 231°, 10	Ft. Wayne

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
INDIANA				
➘ Auburn	1.3 NNW;RR E	872	27 S2	73,80 oct. Trees sur fld.
(A) BAER (Fort Wayne)	7.5 SSW;RR E	799	63h R1 L5 S4	91 oct;100 oct Army.Fld lgts prior req
BENDIX (South Bend)	3.5 NW;hwy S	778	48h R2 L3 S6	80-100 oct. Pole line E, S
Cadet (South Bend)	6.5 NE;RR E	730	33 S4	80 oct. Twr W; pole line E.
Chain Lakes (South Bend)	5.2 W;hwy N,S	765	22 S3	80 oct.
Culver (NC)	2 E;lake W	815	26	
Elkhart	2.7 NNW;RR S	752	27 S6	73,80 oct. Hedge N.
Gordon (New Carlisle)	2.8 ESE;RR N	730	13 S1	Fuel avail. Poles E.
(P) Goshen	4.5 SSE;riv SW	823	39 R1 L3 S6	80,91 oct. P-line S,SE,SW.
La Porte	2.5 SSW,RR W	801	29 L3 S6	80 oct. S & SW blocked
Logansport	4.4 SSW;hwy E	605	27 S1	80 oct. Port rnwy lgts.Poles E,N
➤ McComb (Decatur)	0.9 NW;hwy E			ABANDONED.
➤ Manchester (No. Manchester)	1.5 W;RR E	752	20 S2	80 oct,Poles S.
Medaryville	1.1 NW	645	24 S1	80 oct, Data unver,
➤ Michigan City	4 E;RR N	650	23 S3	80,91 oct. Pole line S,W
Midway (Goshen)	5 NW		36	Data unver.
➤ Million (Logansport)	See Logan under "New Airports" - name changed.			
➤ Monticello (Chalmers)	3 ENE;RR W	650	19 S2	80 oct. Hwy W.
Myers (Fort Wayne)	4 SE		24 S2	80,91 oct. Pwrline NE, Data unver
➤ Peru	3.5 WSW;riv E	650	24 S6	80 oct. S,SW blocked.
(P) Plymouth	1.5 NW;RR E	898	32 S4	80,91 oct. Poles W,E.
➤ Rochester	1.5 E;RR N	779	25 L S6	80 oct.Flood lgts on req.Poles SE,
Smith (Fort Wayne)	4.5 N;RR E	831	35h L4 S5	80,91 oct. No sto. S,N,NW;NE blkd
Sportsman (Mishawaka)	3.7 NE;riv S	760	18 S4	73 oct. No sto. Poles E, S.
Starke County (Knox)	1.7 S		26 S3	80 oct. P-lines sur fld.No sto.
➘ Triangle Air Service(Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct.
(P) Tri State (Angola)	4.2 W;lake W	900	35 S4	80,91 oct.P-line SE,S,SW
➤ Victory (Warsaw)	See Smith under "New Airports" - name changed.			
Wake (Huntington)	4 N;hwy E	750	30 S2	80 oct. Trees NE.
Whittenberger (Wabash)	1.5 NNW;hwy E	770	20 S2	80 oct.
MICHIGAN				
Abrams (Grand Ledge)	1 NE	844	26 S2	80 oct. Pwr line S,W.Data unver.
Adrian City Arpt (Adrian)	3 SW;RR N	800	25 S6	80,91 oct. Obsts sur fld.
Allegan	1.9 E;RR S	701	21 S4	80 oct.P-line N,E,S. Blocked.
(P) Alma	1.3 NE;riv SE	750	32 S4	80 oct. Tanks S
➘ Austin Lake (Kalamazoo)	8.5 SSE;lake N	860	27 S4	80,91 oct. Poles N.
➤ Aviation Co. Club (Galesburg)	1.7 WSW	800	19 S2	80 oct. Data unver.
MICHIGAN				
Barry (Saginaw)	3 WSW;riv S	599	19 S4	80 oct.
Belding Fliers Inc.	2.1 W;RR E	790	27 S4	73 oct. Poles S.
Breedsville Airpark	0.6 WNW;RR E	654	23 S4	73 oct.No sto.P-line NE,S,SW.
Brooks (Marshall)	1.3 S;riv N	950	26 L3 S6	80 oct. Trees W, lgtd.
(P) CAPITAL CITY (Lansing)	3.8 NW;RR S	857	42h R1 L4 S6	73,80 oct.
Cass Co. Memorial (Dowagiac)	1 NW	750	31 S4	80 oct P-lines E,NE,S blocked.
City (South Haven)	4 S;RR W	640	30 S4	73 oct.Trees W.
Elsie	0.3 SSE;RR NNE	730	19 S1	80 oct. Pole lines sur fld.
Fitch H. Beach (Charlotte)	1.8 ENE;RR NW	880	25 S6	73 oct. No sto.
Haines (Three Rivers)	2.3 NE;riv SE	820	26 S1	80 oct. Poles N, S.
Hastings	3.2 WNW;RR SW	802	34 S3	80 oct. Pole line N.
Hillsdale	1.6 NW;RR E	1160	19 S4	73,80 oct. No sto.Poles NE,E.
Ionia	3 S;hwy W	810	24 S6	73 oct. Poles NW.
Jack Barstow (Midland)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
Jewett (Mason)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
➘ Johnsons (Ithaca)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto. ARMY TMP INACT.CIVIL FACS
(A) KELLOGG (Battle Creek)	3 WSW;RR bed W	936	62h R1 L5 S6	80,91 oct. Fld lgts prior req.
(P) KENT COUNTY (Grand Rapids)	3.5 S;RR NE	681	44h R1 L3 S6	73,80,91 oct.P-line NW,SE.Rdo
Kirsch (Sturgis)	1 NW;RR E	922	24 S4	80 oct. Poles S. repairs.
Lakeview	1.1 NNE;lake S	900	19 S6	80 oct. Poles N.
Leach Aero Service (Hartford)	1 NNW;RR E	664	29	Rnwy data unver.
(P) Legg (Coldwater)	1.3 NW	982	32 S2	80 oct. Trees E.
(P) Lindbergh (Kalamazoo)	4 SSE;RR E	872	40h S6	80,91 oct. Poles S.
Marks (Lawton)	1 N;RR S	770	25 S4	73,80 oct. Poles W, ENE.
Mecosta Co., 5, GR-TG (Big Rapids)	1.5 NW;RR E	928	39 L3 S4	80,91 oct.
Miller (Eaton Rapids)	1 ENE;RR W	908	21 S6	73 oct. No sto.
Montcalm Co. (Greenville)	2.5 S;RR E	800	22 S1	80 oct.
Mt. Pleasant	2.2 NE;RR W	755	36 S4	80 oct.
(P) MUSKEGON COUNTY	3.5 S;lake N	627	40h R1 L3 S6	73,80,91 oct.
Newaygo	0.8 SSE;RR NNW	785	20 S1	80 oct.
Niles	1.5 NE;RR NW	740	28 S2	80,91 oct. P-line NE..
Northside (Muskegon)	5.4 NNE	590	29 S4	73 oct. No sto.Refinery SW.
Oceana (Rothbury)	1 W;lakes NE		30 S2	80 oct. Data unver.
Park Township (Holland)	3 WNW;bay S	612	27 L4 S6	73,80 oct.No bcn. Lgts prior req.
(P) Reynolds (Jackson)	2.5 WNW;RR S	990	40h R1 L5 S4	80,91 oct. No sto. P-line SE,SW.
➘ St. Joseph Co. (Centerville)(NC)	5 SE;RR,hwy N	830	15	Pole line N, trees W. Fld,obst lgts on req.
Saugatuck-Douglas (Douglas)	2 S;hwy W		26 S1	73 oct. Data unver.
Shiawassee Co. (Owosso)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Sparta	2.7 SE;RR W	752	25 S4	73,80 oct. Poles N.
(P) TRI-CITY (Saginaw)	10 NW;RR SW	660	57h	"SERV & L6 LGTS FOR PCA ONLY
Twin City-Ross (Benton Harbor)	1.5 NNE;RR S	640	38h S6	73,80 oct.
White Cloud (NC)	0.5 N	872	19	Twr SE; poles E, W.
OHIO				
* Archbold Int, 18, CG-LG	3.5 NNW;RR N	716	28 L3	
Bryan-Defiance Memorial (Defiance)	5.2 NW;riv E	705	31 S2	73,80 oct. Pole line S,E.
Grieser (Wauseon)	2.5 E;RR N	750	24 S1	80 oct.
Lima	4 WNW;RR N	830	42 S6	80,91 oct. Pole line N.
Paulding County (Paulding)	2.5 NE;RR W	720	26 S2	80 oct. Poles S.Data unver.
Skinner (Hicksville)	1.6 NNW;RR S	810	26 S1	73 oct. Obsts sur fld.
Stombaugh (Bryan)	0.5 S		24 S4	80 oct. No sto. Fence E;wire W. Data unver.
Van Wert	1 WSW;hwy S	785	26 S6	80,91 oct.Poles N,S,NW,NE.
NEW AIRPORTS				
Shaffer's (La Fontaine,Ind.)	5 NE;hwys N,W		19 S4	80 oct. Data unver.
Kendallville, (Ind.)	2.2 N;hwy W		25 S4	80 oct.No sto.P-line S,SW.
➤ Spink-Wawasee (Syracuse,Ind.)	3.4 E	880	15 S1	80 oct.P-lines N,NE,S,SW.
➤ Maple Rapids, (Mich.)	Adj E	750	26 S2	80 oct.Data unver.
➤ Paw Paw, (Mich.)	2 N;riv E		26 S3	80 oct.Data unver.
➤ Huntington Mun. (Ind.)	2.5 SSE;riv S	825	22 S4	73 oct.P-line W,NW.
➤ Logan (Logansport,Ind.)	7 S	594	15 S1	80 oct.P-line S.
➤ Smith (Warsaw, Ind.)	4 N	790	27 S2	80 oct.P-line NE,SSW.
➤ Grand River Arpk (Comstock Park,Mich.)	0.4 SW;riv E	614	30 S2	Fuel.P-lines N,S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). ➤ NEW OR REVISED DATA

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
BISHOP (Flint)	278	C	(4)
DETROIT CITY (Detroit)	278	C	(4)
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
DETROIT	201 (D)	K; 329°, 2.2	Detroit City Arpt.
FLINT	335 (FN)	MHT	(3)
ROMULUS (AAF)	230(DT)(116.1)	SBRAZ-DTV;86° 2.8	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ;119°,2.0	(3); 126.18
Selfridge Field	396 (126.18) +	CA(ILS-W)	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
YPSILANTI (Willow Run)	341 (DYP)	MH;360°, 0.5	Operates cont.
Willow Run Arpt.	332 (118.7)	C	(4); 118.7

OHIO

AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272(118.9)	C; 45°, 0.4	(4);122.5,118.9
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 201°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(3); 116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (JF)	MH	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
→ HOMERVILLE FM			DECOMMISSIONED
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. - - - -)	FM; 280°, 26	Cleveland

CANADA

→ WINDSOR, ONT.	353(QG)	SBRAZ-T;243°3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184° Mag.	IM- (0.23)	MM- ····· (0.83)	OM- -- (4.31)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct. Trees S,SW,SE.
Ann Arbor	4 S;RR E	835	28 L2 S6	80 oct. Trees NE.
→ Baker's (Port Huron)	3 NNW;RR NNE	585	27 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	25 S1	73,80 oct. Pole line N.
Big Beaver	0.8 E;hwy W	650	21 S4	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct.
Burns (Detroit)	8.5 WSW;RR N	625	15 S6	73 oct.
Caro	3 WSW;RR SE	741	22 S2	80 oct. S,SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line NNE.
Croswell City	1 W;RR,riv E	732	26 S1	80 oct. S blocked.
Dalton (Flushing)	2 ESE;riv W		26 S4	80 oct. Data unver.
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. ARPT OF ENTRY.
DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	73,80,91 oct. Rdo rcvr rqrd. Tank W side.
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct. Poleline sur fld.
Gridley(Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct. Pole E;woods N.
Hance (Wyandotte)	2.5 W;hwy W	590	33 S6	73 oct. No sto.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. No sto.
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct. Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	73,80 oct. Obsts sur fld
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct. Poles NW; bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct. Poles N,W.
→ Milan	3.8 SW;RR SE	705	23 S2	80 oct. Poleline N
Monroe (Newport)	3.5 SSE;hwy SE	590	29 S4	73 oct No sto.
Nan-Bar (Flat Rock)	0.7 ENE;RR N	590	28 S6	80 oct. Smudge pots prior req. Data unver.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	635	30 S4	73 oct. No sto. Poles NE,NW
(N) Newport OLF (N)	3 W	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct. Poles S
(NG) Romulus	3 E;RR N	630	61h R1	ARPT OF ENTRY.
Roseville	0.5 S;hwy W	610	29 S6	73,80 oct. Poles S,SW.
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct. Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct. Poles NE,SE,SW,NW. Lgts on req.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. N,NE blocked.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct. JP-1. Poles E. FOREIGN CLEAR STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	660	25h S1	80 oct. Hi-lines N,NE
Tecumseh	1.8 NNE;RR W	815	26 S6	73 oct. Pole line S.
Thomas B. Joy (Detroit)	13 NE;hwy E	616	24 S6	73,80 oct. No sto. Trees SW.
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct. 30' poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct. Pole line N.
Washtenaw (Ann Arbor)	5 W		26 S2	80 oct. Hi-line S. Data unver.
West's (Clio)	4 SW;rd E	690	21 S2	80 oct.
(P) Willow Run (Ypsilanti)	4 E;RR N; riv S	710	74h R2 L5 S1	90,100 oct. Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	26 S6	73,80 oct. Poles N. Stumps NW. No sto.

OHIO

(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct. No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80, 91 oct. Poleline W
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. E blocked
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct. Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE	600	18	
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct Pole line all sides.
Gage (Mansfield)	4.5 W;RR SE	1360	13 S2	73 oct.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy S	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	73 oct. Pole line S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto. Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct. Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE	1080	30 L S6	80 oct. Pole line sur fld.
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto. Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct. Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct. No sto. Poles SSW
Norwalk	0.8 NE;RR W	700	18 S2	73 oct. Pole line W.
Norwalk Airpark(NC)	2 NNE;RR W	690	29 S2	73,80,91 oct. Poles W, SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	29 S1	80 oct. Poles E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int,4B,CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus(Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct. Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV. ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto. Pole line N,E,SE.
Snyder (Fostoria)	1 E;reservoir SSW		32 S1	80 oct. Data unver.
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct. No sto. Poles sur fld.
Tiffin	1.9 N;RR W	750	25 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	621	42h R2 L5 S4	80,91,100 oct.
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE. Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct. Pole line W. Rnwy data unver.
Willard	1.6 SSW;RR NE	960	22 S2	80 oct. Poles W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.

NEW AIRPORTS

Akron-Canton, (Ohio)	12 SE Akron		56h L3 S1	91 oct. Data unver.

hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

38 DETROIT

R: EXTREMELY HAZARDOUS

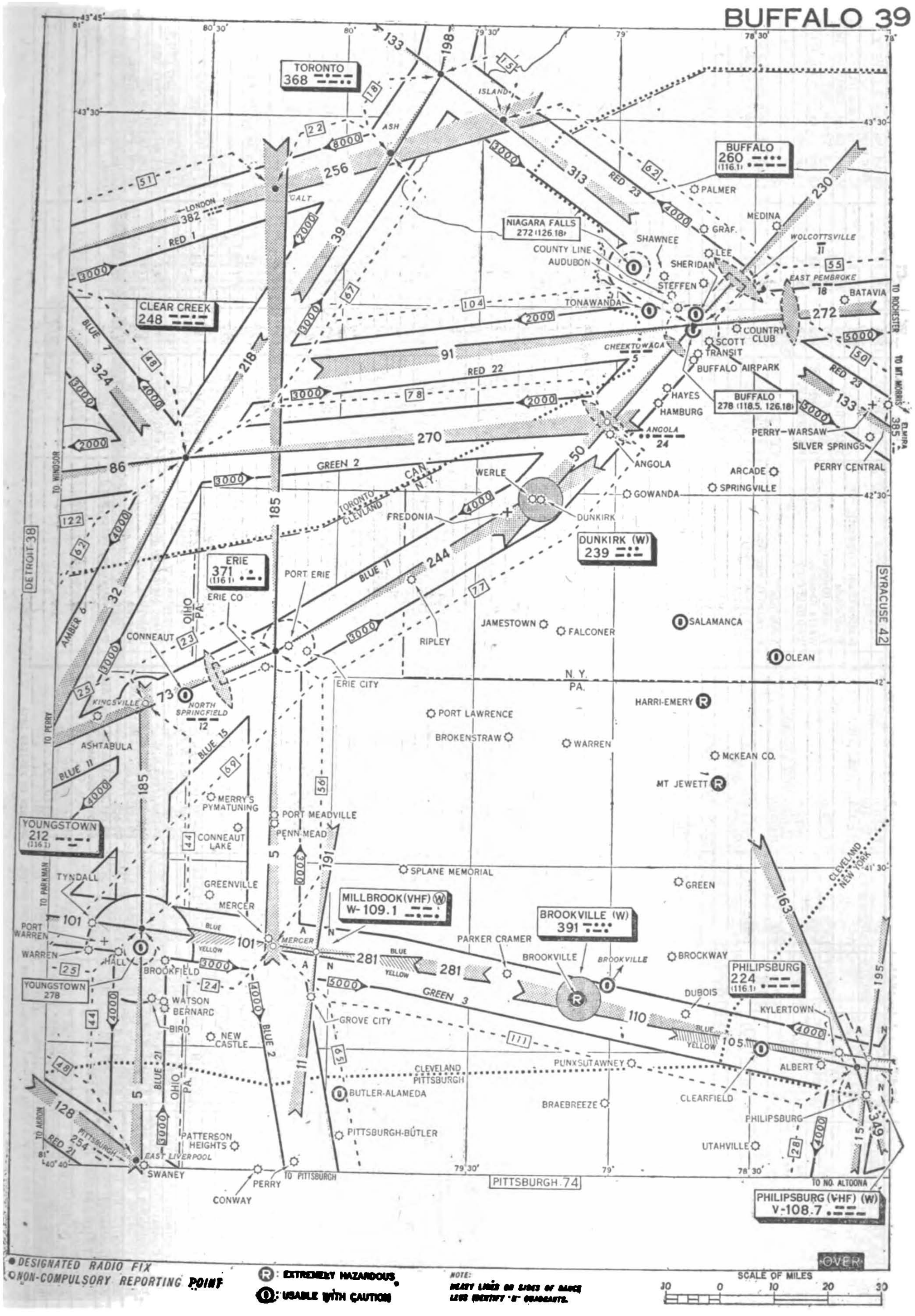
D: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

DETROIT AREA

SAULT STE. MARIE 15
JAMES CLEMENTS
SKYHAVEN
SAGINAW
CARO
SAGINAW 212
GRAND RAPIDS 35
STATUTE MILES
CROSWELL CITY
MICH. D.A.
DALTON
WEST'S
On request
FLINT 335
FORREST
BISHOP 278
LAPEER
SEELY'S
BAKER'S
ST CLAIR CO MUN
MICH CAN
ALLEN'S
CENTER
SELFRIDGE AAF 388
OXFORD
PONTIAC
SELFRIDGE AAF 396 (126.18)
HOWELL
ROMULUS 230 (116.1)
WIXOM
WASHTENAW
ANN ARBOR
GRIDLEY
McENNAN
SALINE
WILLOW RUN 332 (118.7)
MILAN
YPSILANTI 341
TECUMSEH
MONROE
NEWPORT OLF
NAS. DETROIT 269 (142.74)
NAN-BAR
WINDSOR 353
CLEAR CREEK 248
BUFFALO 39
CAN
OHIO
On request
PERRY 332 (116.1)
FOR DETAILS IN CLEVELAND AREA SEE CHART 141.
CLEVELAND 344 (116.1)
AMBER 4
ERIE 371
NATIONAL AVIATION
MICH.
OHIO
FRANKLIN
TOLEDO 263
DETROIT CLEVELAND
OHIO 6 D.A.
PUT-IN-BAY
PENINSULA
VERMILION
ELYRIA
AVON LAKE
BRECKSVILLE
BOWLING GREEN
BRICKER
SANDUSKY
HINDE
GREEN 3
SLAGER
TOLEDO 239 (116.1)
NORWALK
PARKS
NORTH ROYALTON
PARKMAN
TO YOUNGSTOWN
SNYDER
TIFFIN
FINDLAY
WILLARD
MANSFIELD
MEDINA PRICHARD
WESTFIELD
LING
AKRON 362 (116.1)
KENT STATE
AKRON
MILLER
TAYLORCRAFT
AKRON 272 (118.9)
ASHLAND
WOOSTER
AKRON-CANTON
McKINLEY
NOBLE
MARTIN
CLEVELAND PITTSBURGH
TO FORT WAYNE
TO TROY
FINDLAY 209
PORT BUCYRUS
GALION
DAYTON 245
COLUMBUS 71
COLUMBUS 391
HAYESVILLE
HAYESVILLE 329
TO NEWARK
TO PITTSBURGH
TO WELLSBURG
TO LANSING
TO UNION
TO ARCHBOLD
WIXOM
20
BIG BEAVER
BERZ
KRIST-PORT
WARREN
McKINLEY
THOMAS B. JOY
ROSEVILLE
RED 20
GREEN 2
DETROIT CITY 278
DETROIT 201
METTETAL
BURNS
TRIANGLE
NATIONAL FLY SVC.
HARTSELL AIR TERM.
FORD
STINSON
HANCE
ROMULUS 230 (116.1)
SCALE OF MILES
MITCHELL BAY
RED 1
RED 59
CLEAR CREEK 248
GREEN 2
RED 12
RED 21
RED 27
RED 17
AMBER 6
BLUE 11
BLUE 15
OVER

BUFFALO 39



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓠ: USABLE WITH CAUTION

NOTE:
HEAVY LINES OR LINES OF SAME LEVEL IDENTIFY "B" GRADIENTS.

SCALE OF MILES
30 0 10 20 30

OVER

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANGOLA FM	(. . - - -)	230°,24	FM	Buffalo.
BUFFALO Range	260(BJ)(116.1)	230°,0.9	SBRAZ-DTXV	(3); 116.1
Buffalo Tower	278 (126.18, 118.5)		AC	(4); 126.18,122.5,118.5
CHEEKTOWAGA LFM	(- - -)	230°,4.7	LFM	Buffalo
DUNKIRK MH Fac.	239 (DK)		MHW	
EAST PEMBROKE FM	(- -)	92°,17.5	FM	Buffalo
→ NIAGARA FALLS Tower	272 (126.18)		CI	(4);126.18,122.5 (8-20)
WOLCOTTSVILLE FM	(-)	50°, 11	FM	Buffalo
OHIO				
YOUNGSTOWN Range	212 (CT)(116.1)	185°,3.4	BMRLZ-DTV	(4); 116.1
Youngstown Tower	278		CI	(4); (630-2030)
PENNSYLVANIA				
→ BROOKVILLE FM				DECOMMISSIONED
BROOKVILLE Range (Int.)	391 (BR)		MHW	
ERIE Range (Port Erie)	371 (ER)(116.1)	64°,2.0	SBMRAZ-DTV	(4); 116.1
MILLBROOK Range	109.1 (MC)		VARW	
NORTH SPRINGFIELD FM	(- - -)	253°,12	FM	Erie
PHILIPSBURG Range	224 (MJ)(116.1)	169°,5	SBRAZ-DTV	(4); 116.1
PHILIPSBURG Range	108.7 (MJ)		VARW	
CANADA				
CLEAR CREEK Range (Ont.)	248 (QO)		BRAZ-T	(4)
→ TORONTO Range (Ont.)	368 (YZ)	17°,4.0	SBRAZ-TX	3105,6210,3117.5

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + — Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Angola	1.4 N;RR SE	610	15 S1	80 oct.
Arcade	2 N;RR E,W	1740	22 S4	Ltd 80 oct. No sto.
Audubon (Getzville)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia	2.4 NNE;rd W	910	30 S6	80 oct. Pole line W.Trees E.
↘ Buffalo Arpk (Gardenville)	1.5 ENE;rd S	680	27 S6	80 oct. OF ENTRY.
(A) BUFFALO	6.1 ENE;RR NE	712	56h R2 L6 S6	80-100 oct;100 oct Army ARPT.
Country Club (Clarence)	2.3 SSE;RR S	800	36 L S6	80 oct. Trees SW.Port lgts on req.
County Line (No. Tonawanda)	3.4 E;RR SW	577	21 S4	80 oct.
(P) Dunkirk	3 E;RR N,S	692	40h L5 S6	80,91 oct.
Falconer	1.3 NNE;RR S	1250	22 S4	80 oct.Obsts sur fld.
Fredonia	3.5 W;RR SE		27 S2	80 oct.Pole line N,NE,E.
Gowanda	1.4 NNW;crk W	760	22 S6	80 oct. No sto.
Graf (Lockport)	2.8 N;RR S	380	15 S6	80 oct.
Hamburg Airpark Incorporated	2 NNW;RR,hwy W	722	23 S2	80 oct. Pole line NE.
Hayes (Blasdell)	0.7 SSE;RR E,W	723	20 S4	80 oct. No sto.
Jamestown	4.1 N; hwy E	1719	27h S6	80 oct. Trees S.
Lee (Lockport)	1.8 SSE;hwy N	640	18h S2	80 oct. Pole line N.
Medina	2 W; RR S	500	21 S1	80 oct. Obsts sur fld.
(P) Niagara Falls	4 E;RR N	587	55h R1 L5 S4	80-100 oct. JP-1. No sto.
Olean	1.8 SE;RR N	1440	22 S6	80 oct. Trees W,N; hill S.
Palmer (Olcott)	1.2 SSW;RR S	315	17 S2	73 oct. Pole line E.
Perry Central	1.7 NNW;lk SSW	1400	23	P-line,trees N,E.
→ Perry Flying Svc. (Perry) (NC)	3.3 W;RR 3 mi W	1640	21	Pole lines NNE Reported
Ripley	1.4 WNW;lake N	650	22 S4	80 oct, No sto. ABANDONED.
Salamanca	1.6 W;RR N,S	1370	12 S6	80 oct.
Scott (Lancaster)	1.5 E;RR N,S	680	22 S1	80 oct.Pole line SW.Rnwy data unver.
Shawnee Flying Service (North Tonawanda)	4.5 NNE;riv SE	580	33 S6	80 oct.Pole line E,W.
Sheridan (Williamsville)	2.5 NE;hwy SE	640	38 S6	80 oct. No sto.
Silver Creek (NC)	1 WSW;hwy SE	720	11	Trees E, NW.
Silver Springs	0.5 E;lake NE	1420	15 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Springville	1.5 NE;RR W	1395	26 S4	80 oct.Pole line N,E. Rnwy data unver.
Steffen (East Amherst)	3.5 N	582	22 S6	80 oct.Obsts sur fld.
Tonawanda	3 SSW;RR E	610	30h S4	80 oct. Rough. Obsts sur fld.
Transit (Depew)	2 SSW;RR N	670	13 S2	80 oct. Trees, bldg E.
Werle (Dunkirk)	1.8 ENE;RR N,S	640	22 S1	80 oct. Poles,trees sur fld.
Westfield (NC)	1.5 WSW;hwy N	758	18 L1	S blocked.
OHIO				
Ashtabula	3.1 W;lake N	621	17 S2	80 oct.
Bernard (Youngstown)	3.4 E;lake NE	1140	28 S6	73,80 oct. Pole line N,S,W.
Bird (Youngstown)	2.6 NE;RR W	1000	22 S4	80,91 oct. Pole line W,N.
Brookfield	0.8 W;RR W	1130	20	Poles N,E.
Conneaut	2 ESE;hwy S	670	18 S1	80 oct.
Hall (Warren)	3.5 ENE;RR NW	900	26 S2	73,80 oct. Poles E.
→ Holloways (Greenford)	1 ENE;RR W			ABANDONED
Port Warren (Warren)	1.5 N; RR W		24 S1	80 oct. Data unver.
Sky Harbor (Williamsfield)(NC)	1 S;hwy E	1140	26	Poles E.
Swaney (East Liverpool)	4.9 NW;crk SE	1170	22 S2	80 oct.
Tyndall (Warren)	6 NNW;RR E	940	30 L1 S4	80 oct. No sto.
Warren Airways	2.3 WNW;RR S,E	900	22 S2	73 oct. Trees S.
Watson (Youngstown)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
→ YOUNGSTOWN	11 N;hwy E	1178	39h R2 L5 S6	80,91 oct;100 oct on req.
PENNSYLVANIA				
Albert (Philipsburg)	5.5 NNW;rd N	1750	38 S5	80,91 oct.P-line sur fld Rnwy
Braebreeze (Marchand)	0.3 N;RR NW	1650	18 S2	80 oct.Trees N,NE; data unver
Brockway	1.3 NE	1700	18	
Brokenstraw (Youngsville)	2.6 W;RR S	1230	17 S4	73 oct.
* Brookville Int,45A,CG-LG	2 WSW;RR E	1416	30 L3 S1	80 oct.
Butler-Alameda (Butler)	3.4 WNW	1340	24 S6	80 oct. Pole line E.
Clearfield	1.5 WSW;RR SE	1220	20 S1	80 oct. Pole line NE.
Conneaut Lake	1.7 WSW;hwy SE	1250	18 S2	80,91 oct.Pole line SE end.
Conway	0.7 N	950	24 S4	80 oct. Hill N.Rnwy data unver.
Dubois	1.7 ESE;RR NE	1575	30 S6	80 oct.
Erie City (Kearsarge)	0.5 W;hwy E	900	29 L S6	80 oct.Port rnwy lgts.P-line SE
Erie County (Erie)	11.6 SW;hwy N	805	24 S6	80 oct. Poles N,E,S.
Green (Ridgeway)	3 NW;hwy,RR E	1720	21 S2	No fuel. Trees NNW.
Greenville	2.3 W;RR E	1180	17 S2	80 oct. Pole line S.
Grove City	2.1 SSE;RR E	1275	19 S4	80 oct.
Harri-Emery (Bradford)	2.3 WSW;RR E	1490	20 S4	80 oct.
Kylertown	1 WNW	1660	40 S4	80 oct. Trees S,WNW.
(P) McKean County (Bradford)	11 S;RR SW	2140	45h	
Mercer	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
Merry's Pymatuning (Linesville)	1.5 NW;RR E	1200	21 S2	73 oct. Pole line NNE.
Mount Jewett	0.8 ESE;hwy N	2240	19 S4	80 oct.
New Castle	4 WNW;hwy SE	1080	29h S5	80 oct.
Parker Cramer (Clarion)	1 ENE;riv N	1480	28 S2	80,91 oct. Rnwy data unver.
Patterson (Beaver Falls)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville)	3 SSW;hwy E	1365	20 S2	73 oct.
Perry (Mars)	5 E;hwy E	1060	16 S6	80 oct.No sto.Pole line E.
Phillipsburg, 51A, CG-LG	7 E;hwy N	1940	30h R1 L3	
Pittsburgh-Butler (Butler)	6.7 SSW;hwy E	1235	45 L1 S6	80 oct.
PORT ERIE (Erie)	6 WSW;RR SE	735	46h R1 L6 S6	80, 91 oct.
Port Lawrence (Corry)	1.2 S;RR N	1745	23 S2	73 oct. Pwr line NW.
Port Meadville (Meadville)	3.4 W;hwy S	1400	32h L4 S6	80 oct.
Punxsutawney	3 NE;hwy S	1470	22 S2	Ltd 80 oct. Pole line ESE,S.
Splane Memorial (Oil City)	4.1 NNW;hwy E	1490	22h L S4	80,91 oct. Port rnwy lgts.
Utahville	1 N; RR S	1800	22 S4	80 oct.Ltd 91 oct.
Warren	2 WSW;RR N	1100	23h L S4	80 oct. Port rnwy lgts.
NEW AIRPORTS				
Perry-Warsaw (Perry,N.Y.)	3 WNW;hwy N		15 S2	80 oct.

RADIO

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
NEW YORK				
DANSVILLE MH Fac.	212 (DA)		MHW	
ELMIRA Range (Chemung Co.)	385 (EA)(116.1)	75°,1.8	SBRAZ-DTV	(4); 116.1
ROCHESTER Range	206 (RC)(116.1)	298°,2.2	BMRLZ-DTV	(4); 116.1
Rochester Tower	278		CI	3105, 4495 (8-24)
ROME AAF Tower	396 (126.18)+		CA	(4); 126.18 (8-22)
SYRACUSE Range (Mun.)	350 (SR)(116.1)	178°,2.2	SBRAZ-DTV	(3); 116.1
Syracuse Mun. Tower	278		C	(4)
TRI-CITIES Tower	278		CI	3105,6210 (days)
UTICA Range	359 (UA)(116.1)	151°,3.0	BMRLZ-DTV	(4); 116.1
PENNSYLVANIA				
ALLENTOWN Range (Allentown-Bethlehem)	320 (XA)(116.1)	192°,2.7	SBMRAZ-DTV	(4); 116.1
LAKE CAREY FM	(- - - -)	360°,20.8	FM	Wilkes-Barre
SLATINGTON FM	(- - - -)	290°,12	FM	Allentown
SUNBURY MH Fac.	353 (SV)		MHW	
SUNBURY Range	108.3 (SV)		VARW	
WILKES-BARRE Range (Wilkes-Barre-Wyo.Valley)	272 (WI)(116.1)	243°,2.6	SBMRAZ-DTV	(4); 116.1
WILLIAMSPORT Range	375(IA)(116.1)	281°,7.0	BMRLZ-DTV	(4); 116.1
NEW RADIO FACILITIES				

S-Simul. Range **and** Voice; **W-Without** Voice; **Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs;** (4)-3105, **4495, 6210, 3117.5 kcs.**
Parenthetical Numbers in Frequency Column Indicate **VHF** Voice. +—Army **A.C.S. transmits on and** guards 116.1, 137.88, **140.58 mcs.**

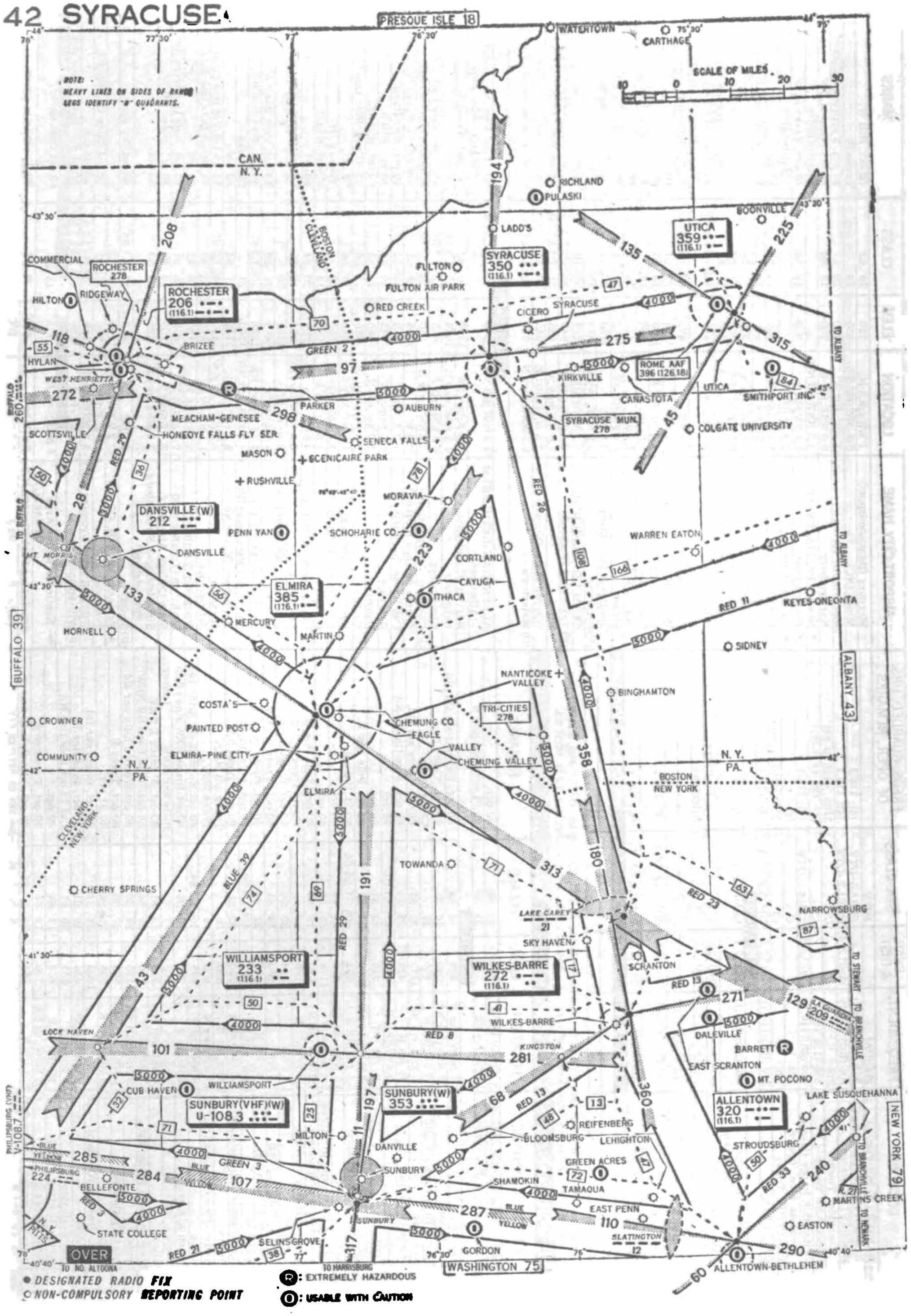
AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NEW JERSEY				
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Martins Creek (Belvidere)	3 SSW;riv SE	340	25 S6	80,91 oct.Pole line N.
NEW YORK				
Auburn	3.7 NNW;lake E	525	24 S4	80 oct. Poles,trees sur fld.
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct. Trees N.
Bonnie Brae (Owasco) (NC)	1.7 SW;RR W	960	17	Cattle on fld.
Boonville	4.5 ESE;riv NE	1273	29 S1	80 oct. Obsts sur fld.
Brizee (Pittsford)	2 E; RR N	422	25 S4	80 oct. Pole line S, NW.
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage	1 E; RR NW	740	20 S1	80 oct.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct. Pole line E.
(P) CHEMUNG CO. (Elmira)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate University (Hamilton)	5.4 N; RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct. Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30 S6	80 oct. Wooded ridge E.
Costa's (Painted Post)	2.7 NW	960	16 S1	80 oct. Trees W, NW.
Crowner (Wellsville)	1 W; RR E	1506	22 S2	80 oct. Obsts sur fld.
(P) Dansville	1 NW; RR NE	662	40h L3 S6	80 oct. Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct. Trees S,W.
Elmira	2 SSW;RR E	890	16	Trees adj NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy N	980	14	Trees WSW.
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct.No sto.Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct.Brush WNW.Rnwy data unver.
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct. 3' fence E,S,SE.
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct. Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W.	525	27 S6	80 oct. Trees E.
Ithaca	1.3 NW;inlet E	386	25h S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct. Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct. Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct.Pole line NE.
Martin (Montour Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct. Pole line S.
Meacham-Genesee (Rochester)	6 S; RR N	564	22 L S6	80 oct. Floodlgts in emerg.

hard surfaced runways R radio facilities L lighting facilities S servicing (See page iv) NC (not charted). → NEW OR REVISED DATA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NEW YORK				
Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct. Hill W.
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
Moravia Air Haven	1 NW; RR E	730	20 S1	80 oct. S approach blocked.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct. Mtns N, NE.
* Newark Int. 27A, CV-AZ	1.3 NNW;rd N,E	—		ABANDONED
Painted Post	4.4 SW;RR W	950	19 S2	80 oct. Trees E, W.
→ Parker (Palmyra)	2.8 S; RR N			ABANDONED.
Penn Yan	1.1 S; lake W	850	20 S2	80 oct.
Pulaski	3 SE;riv N	500	18 L S4	80 oct.Port rnwy lgts.Trees
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct. WSW.
Richland	0.6 NE;RR SW	560	21 S4	80 oct.Hi-line S.No sto.
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct.Pole lines W,NW,SE.
(N) ROCHESTER	3.7SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OF ENTRY. NATS(Hospital flights)
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct. JP-1.
Rushville	2.5 NNE	1120	20 S1	Data unver.
Schoharie Co.(Richmondville)	1.3 NE;RR N	1000	16 S1	80 oct. Trees E.
Scottsville	1 N; RR W	600	10	Allway area: 1000 x 1000'.
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct. Pole line S.
Smithport Inc. (Utica)	3.5 SSE	1150	20h S1	80, 91 oct. Data unver.
(P) Syracuse	3.5 NNE;hwy W	419	55h	
SYRACUSE MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct. Rdo rec rqrd.
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80 oct.Twr W;hill N;trees E
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct. Wooded ridge E.
(P) Watertown	5.9 WNW;hwy N	325	50h L1 S4	80 oct.Bcn on req. ARPT OF ENTRY.
PENNSYLVANIA				
ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only. Fld lgts prior req.
Barrett (Canadensis)	1.8 N;hwy SW	1450	18 S2	No fuel. Trees E.
Bellefonte	4.3 ESE;hwy N	1045	21 L3 S6	80 oct.
Bloomsburg	0.8 ESE;riv S	478	32 L3 S6	80,91 oct.Pole lines SW,E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	24 L S4	80 oct.Lgts prior req.
Cherry Springs (Corbett)	2.4 W	2265	18 S1	Ltd 80 oct. Trees W,SE,NW.
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S1	80 oct. Pwr line E.
Daleville	0.6 N;hwy W	1775	19 S4	80 oct. Hill S.
Danville	2.2 SW;RR N	480	22 S3	80 oct. Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct. Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct.
East Scranton (Scranton)	7.3 ESE;lake E	1660	23	Trees S, N.
Gordon	1.8 W; RR E	960	18 S2	80 oct. Hill S.
Green Acres (Hazleton)	4 SE	1260	20 S4	80, 91 oct.
Lehighton	0.9 WSW;hwy NW	502	18 S5	80 oct. Trees WSW.
Mid Valley (Olyphant) (NC)	3 N; rd NE	1385	20	
Milton	0.8 S;RR W	450	24 S6	80 oct. Pole line SW.
Mt. Pocono, 21, BJ-LG	1.5 NW;hwy NE	1925	26h L3 S1	80 oct. Pole line NE.
Mt. View (Nicholson) (NC)	4.8 ENE;crk NW	1280	21	50' trees S.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
Scranton	7.2 WNW;hwy N	1150	24h L3 S6	73-91 oct.Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S; RR N	639	20 S1	80 oct. Pole line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	19 S4	80 oct. Poles adj W.
Stroudsburg-E Stroudsburg (Stroudsburg)	2.5 NNE;hwy S	426	22 S4	80 oct.
(P) Sunbury	2 NNE	443	37 L1 S6	80 oct. No sto.
★ Tamaqua Int, 61B, CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S1	80 oct. Pole line SW,NE.
Wilkes-Barre-Wyoming Val'y	3.5 NNE;riv S	546	35h R1 L3 S4	80, 91 oct.
(P) Williamsport	5.1 E; riv S	526	43h R1 L5 S6	80,91 oct. Lgts prior req.
NEW AIRPORTS				
→ Nanticoke Valley Arpk (Maine,N.Y.)	4 NNE;hwy E	975	18 S2	80 oct.Data unver.
ScenicAire Park (Geneva,N.Y.)	2 S;lake E	550	27 S2	80,91 oct.Data unver.
Valley (Sayre, Pa.)	2.7 WNW	800	29 S6	80 oct.

42 SYRACUSE


PRESQUE ISLE 18
WATERTOWN
CARTHAGE
SCALE OF MILES
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
CAN.
N. Y.
RICHLAND
PULASKI
LADD'S
BOONVILLE
UTICA
359
(116.1)
SYRACUSE
350
(116.1)
FULTON
FULTON AIR PARK
RED CREEK
CICERO SYRACUSE
ROCHESTER
278
ROCHESTER
206
(116.1)
COMMERCIAL
HILTON
RIDGEWAY
BRIZEE
GREEN 2
HYLAN
WEST HENRIETTA
ROME AAF
396 (126.18)
KIRKVILLE
UTICA
CANASTOTA
SMITHPORT INC.
SYRACUSE MUN.
278
COLGATE UNIVERSITY
PARKER
AUBURN
MEACHAM-GENESEE
HONEOYE FALLS FLY SER
SCOTTSVILLE
SENECA FALLS
MASON
SCENICAIRE PARK
RUSHVILLE
MORAVIA
DANSVILLE (W)
212
PENN YAN
SCHOHARIE CO.
DANSVILLE
MT. MORRIS
ELMIRA
385
(116.1)
MERCURY
MARTIN
CORTLAND
CAYUGA
ITHACA
WARREN EATON
KEYES-ONEONTA
SIDNEY
HORNELL
NANTICOKE
VALLEY
BINGHAMTON
COSTA'S
PAINTED POST
CHEMUNG CO.
EAGLE
VALLEY
CHEMUNG VALLEY
TRI-CITIES
278
CROWNER
COMMUNITY
ELMIRA-PINE CITY
ELMIRA
N. Y.
PA.
BOSTON
NEW YORK
CHERRY SPRINGS
TOWANDA
LAKE CAREY
21
SKY HAVEN
WILKES-BARRE
272
(116.1)
WILKES-BARRE
SCRANTON
NARROWSBURG
WILLIAMSPORT
233
(116.1)
LOCK HAVEN
KINGSTON
281
DALEVILLE
BARRETT
EAST SCRANTON
MT. POCONO
LA GUARDIA
209
SUNBURY(W)
353
SUNBURY(VHF)(W)
U-108.3
WILLIAMSPORT
CUB HAVEN
MILTON
DANVILLE
SUNBURY
REIFENBERG
BLOOMSBURG
LEHIGHTON
GREEN ACRES
SHAMOKIN
TAMAQUA
ALLENTOWN
320
(116.1)
STROUDSBURG
LAKE SUSQUEHANNA
PHILIPSBURG
224
BELLEFONTE
STATE COLLEGE
SELINSGROVE
EAST PENN
110
SLATINGTON
12
EASTON
MARTINS CREEK
GORDON
ALLENTOWN-BETHLEHEM
WASHINGTON 75
OVER
TO NO. ALTOONA
TO HARRISBURG
TO BUFFALO
TO ALBANY
TO STEWART
TO BRANCHVILLE
TO NEWARK
NEW YORK 79
ALBANY 43
BUFFALO 39
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION

ALBANY 43

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS

Ⓘ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY 4 QUADRANTS.

PRESQUE ISLE 18
TICONDEROGA
BURLINGTON
323
4000
30
GLENS FALLS(W) 206
BLUE 18
FAIR HAVEN
RUTLAND
LEBANON(W) 209
TWIN STATE
NORTHFIELD
38
6000
MONTPELIER
BLUE 4
88
7000
BLUE 40
10 CONCORD
LEBANON
55
NEWPORT
CLAREMONT
HARTNESS
PISECO
PLATEAU
SACANDAGA PARK
GLENS FALLS
WARREN CO
122
208
5000
N.Y.
VT.
VT.
N.H.
BOSTON 46
STEENBURGH
GLOVE CITY
AMSTERDAM
BALLSTON SPA
SARATOGA SPRINGS
24
EQUINOX
TO UTICA
GREEN 2
4000
VAUGHAN
LONG MEADOW
SCHUYLERVILLE
HAYDUK
FULCO
SCHENECTADY CO.
FORT PLAIN
84
3000
122
AURIESVILLE
27
ALBANY 365 (116.1)
BENNINGTON
KEENE
DILLANT-HOPKINS
STONE ARABIA
SKY HAVEN
166
BRIGGS
INTERCITY
COLONIE
TROY
STEVENS
BRATTLEBORO-HINSDALE
VT. N.H. MASS.
GARDNER
27
COOPERSTOWN
4000
ALBANY 278 KC 118.3 MC
DUANESBURG
VALLEY AIRPK.
EAST GREENBUSH
SELKIRK
RAVENA
FAIR VIEW FARM
293
RED 11
6000
ADAMS
5000
64
TURNERS FALLS
ORANGE
GARDNER
118
BOSTON 263
WESTOVER AAF 272
42°30'
TO ELMIRA
MEDWAY
28
FARLY'S
PITTSFIELD
144
72
149
207
PILGRIM
239
LaFLEUR
HILLER
WESTOVER AAF 396 (126.18)
SYRACUSE 42
15
BLUE 18
86
N.Y.
MASS.
5000
GREEN 2
4000
GREAT BARRINGTON
BARNES
E. BROOKFIELD
METROPOLITAN
BROOKFIELD
SOUTHBRIDGE
HALCOTT
MARGARETVILLE
FLEISCHMANNS
CATSKILL VALLEY
WESTFIELD 230 (116.1)
59
SPRINGFIELD
36
329
BOSTON
W. SPRINGFIELD
CANAAN
CONN.
BRADLEY 284 KC 126.18 MC
121
BLUE 41
BOWLES
KINSLEY
303
KINGSTON-ULSTER
COZINE
193
4000
MILLERTON
AGAWAM
3000
WOODSTOCK
WALLKILL NO. 2
KINGSTON
ARLINGTON
SIMSBURY
34
252
BOSTON
NEW YORK
CLIFF HAVEN
AERO LAKE
LIVINGSTON MANOR
NEW HACKENSACK
SOUTHINGTON
WEATOGUE
14
RENTSCHLER 254 (126.18)
NEWBURGH-WALDEN
NEW PALTZ
FREEDOM PLAINS
81
STEPHENSON
158
STEWART AAF (W) 335
WAPPINGERS FALLS
15
258
WINGDALE
RED 13
4000
HARTFORD 329 (116.1)
WINDHAM
3000
MONTICELLO
MONTGOMERY
LIME RIDGE
272
WATERBURY
27
TO MOOSUP
323
40
87
WURTSBORO
STANTON'S
STORMVILLE
5000
WATERTOWN
MERIDEN 18
BRAINARD 278 KC 118.5 MC
SALEM
MONTGOMERY NO 1
4000
94
NEW HACKENSACK 236 (116.1)
BETHANY
BROOKFIELD
LUFBERY
MERIDEN 278
SALEM
58
BOSTON 263
WATERFORD
STARHAVEN
HUGUENOT
RANDALL'S
DANBURY
55
4000
64
AMBER 7
TIER
25
GROTON TRUMBULL
MATAMORAS
STEWART AAF 396 (126.18)
RED 23
4000
63
RED 33
MAHOPAC
MONROE
ISLAND
DOANE
HAMMONASSET
TO WILKES-BARRE
SUSSEX
38
WARWICK-WICKHAM
SOMERS
3000
45
BLUE 41
NEW HAVEN
WEST HAVEN
ELIZABETH AAF
129
63
28
CROTON
338
WESTCHESTER
222
LA GUARDIA 209
MILFORD
2000
248
TO LAKE CARRY
BRANCHVILLE
N.Y.
N.J.
CHRISTIE
238
BRIDGEPORT 269 KC 118.7 MC
80
N.Y. 3 D.A.
240
4000
SPRING VALLEY
GREEN 5
3000
87
75°
72°
41°
3000
5000
51
ALLENTOWN 320
LA GUARDIA 209
MILLER
NEWARK 341
PORT CHESTER
16
NEW YORK 79
MITCHELL AAF 227
MATTITUCK
EAST HAMPTON
WESTCHESTER CO. 260 KC
SUFFOLK CO
72°48'
72°30'

OVER

CONNECTICUT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED. HRS. OF OPERATION
Bethany	1.3 N;hwy E	680	21 L2 S6	80,91 oct.No bcn.Lgts
BRADLEY Tower	284 (126.18)		CI	3105,4495; prior req. 126.18 (6-22)
(NG) Bradley (Windsor Locks)	2.8 WNW; RR,riv E	171	50h R1 S6	No fuel.
BRAINARD Tower [Brainard](Hartford)	278 (118.5) 2.8 SE;RR W	18	C 48h R2 L5 S6	(4);126.18,122.5,118.5 80,91,100 oct.Dike E,N.
BRIDGEPORT Tower	269 (118.7)		C	(4); 122.5, 116.7
(P) [Bridgeport]	3.5 ESE	9	48h R1 L5 S4	80, 91 oct.
Brookfield	0.5 S;hwy W	280	10 S6	80 oct.No sto.Hi-line E
Canaan	1 N;RR W	680	24 S6	80,91 oct.No sto.P-line
Danbury	2.5 SW;RR N	454	44h S6	80 oct.P-line WSW,SSE. SW.
Doane (Essex)	1.2 SW;RR E,N	30	21 S6	80,91 oct.Trees N,NW
Groton Trumbull	2.8 SE;RR W	10	50h	(Groton)
Hammonasset (Madison)	2 E;hwy N	15	14 S2	80 oct.Trees W.Use NE/SW strip only.
HARTFORD Range (Brainard)	329(HT)(116.1)	323°,2.3	SBMRAZ-DTV	(3) ; 116.1
Kinsley (Somers)	2.5 NNW;RR W	200	19	
Lufbery(Wallingford)	0.5 WSW;RR E	80	22 S6	80 oct.No sto.Stacks N,S
MERIDEN FM	(- - -)	244°, 17.6	FM	Hartford
MERIDEN Tower	278		CI	3105,4495 (days)
Meriden	2.7 SW;RR E	102	35 R1 L3S6	80 oct.Hi-line W,S.
Milford	1.5 SSW;RR NW	10	20 S1	80 oct.
Monroe	0.7 SSE;rd E	620	20 S6	80 oct. Rd W.
[New Haven]	3.5 SSE;riv W	4	42h S6	80,91 oct;ltd 100 oct.P-line NW.
RENTSCHLER Tower	254 (126.18)		CI	(3);126.18
Rentschler(E.Hart'd)	1 S;riv W	45	58h R1 L5S6	80,91,100 oct.
Salem	2.1 E;lk NNE	400	21 S6	80 oct.
Southington	3.5 NNE;RR W	200	21 S4	80 oct.
Stephenson (Bristol)	1.5 ESE;RR N	240	18 S6	80,91 oct.
Tier Airstrip(Cheshire)	0.8 NNE;hwy W	200	14	W blckd.Use in emerg.
Waterbury	2.6 S;RR E,W	843	20 S6	80 oct. (Plymouth)
Waterford	1.7 N;RR SSE	60	20 S6	80 oct.Trees,hill S.
Watertown	2.2 S;lk N	660	19 L S4	80 oct.Port rnwy lgts on prior req.
West Haven	2.7 SW;hwy E	15	18 S4	80 oct.No sto.P-line E, W blocked.
Windham	3.5 NNW;hwy S	238	44h S1	80 oct.Trees NE,ENE.

MASSACHUSETTS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED. HRS. OF OPERATION
Adams	1.3 SSE;RR W	1400	18 S1	80 oct.
Agawam Land & Seaplane Base	0.5 S;riv E	50	16 S6	80 oct.P-line SE.
[Barnes](Westfield)	3 NNE;RR W	268	50h R1 L5 S6	80,91 oct.
Bowles (Agawam)	2.4 WSW;trk E	190	40 S4	80 oct.P-line S,SSE,NW,
Brookfield's	1 W;RR SW	680	20 S6	80 oct.P-line SW. W.
East Brookfield	0.5 W	650	15 S3	80 oct. Data unver.
Fair View Farm (Williamstown)	4 SW;riv E	954	23 S1	80 oct.P-line ENE. Hill NNE. Lgt acft only.
Gardner	2 SW;hwy N	1020	18 S4	80 oct.
Great Barrington	2 WSW;riv N	726	28 S6	80,91 oct.Obst sur fld.
Hiller(Barre Plains)	2 SW;riv W	589	25 S1	80 oct.
La Fleur(Northampton)	1.2 ENE;riv SW,N	120	26 S4	80 oct. No sto.
Metropolitan(Palmer)	5 N;riv W	400	19 S6	80 oct. Hill N.
(P) Orange	1.5 SE;hwy SE	555	50h S1	80 oct, Poles NE.
Pilgrim(Northampton)	9 N	120	16 S3	No sto. Data unver.
Pittsfield,3B,AZ-BW	2.4 WSW;hwy NW	1140	27 L3 S1	80 oct.P-line N.
Southbridge	1.7 N	700	27 S1	80 oct.Trees W,N
Springfield	2.3 NE;RR S	205	26 S6	80,91 oct.Bldgs W.
Stevens (N.Adams)	2.8 WSW;RR N	690	20 S4	80 oct.No sto,P-line E.
Turners Falls (Montague)	4.2 N	350	33 S6	80,91 oct. Wooded ridge SE,SW.
WESTFIELD Range (Barnes)	230(WJ) (116.1)	27°,1.7	BMRLZ-DTV	(4); 116.1
WESTOVER Army Rng	272 (DOJ)	239°,2.7	BMRAZ	(3)
WESTOVER Tower	396(126.18)+		CA(ILS)(GCA)	(3);126.18 (Appch cont.)
(A) Westover (Chicopee Falls) (A)	3.8 NNE;riv W	244	70h R3(L6)S6	73,91,100 oct. No sto.
West Springfield	1.5 N;riv E	65	19 S4	Data unver.

NEW HAMPSHIRE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED. HRS. OF OPERATION
Claremont	1.3 W;riv NE	520	28h S2	80,91 oct. req. (Keene)
Dillant-Hopkins	2 S;riv,RR W	481	40h L S6	80,91 oct.Port lgts prior
Brattleboro-Hinsdale (Hinsdale)	2.7 NW;RR W	360	18 S4	80 oct. Landing flares on prior req.
Keene Airpark	3 NW;RR W	500	21	CLOSED
Lebanon	3.3 WSW;RR N	579	40h L5 S4	80 oct.Rdo repairs.
LEBANON MH Fac.	209 (LP)		MHW	
Newport	2 NNW;RR W	780	20 S4	80 oct.P-line E.

NEW JERSEY

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED. HRS. OF OPERATION
Sussex	1.2 WSW;RR S	420	25 S1	80 oct.200' knoll NNE.

NEW YORK

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED. HRS. OF OPERATION
Accord (NC)	0.7 N;RR S	260	19	PRIV.Trees S,NE,SW.
Aero Lake & Seaplane Base (Kingston)	3.7 SSE;RR W	220	23 S4	80 oct. Trees S.
ALBANY Range	365(AZ)(116.1)	196°,3.1	SBRAZ-DTV	(3); 116.1
ALBANY Tower	278 (118.3)		C	(4); 116.1,118.3,122.5
(P) [Albany]	6.9 NNW;riv N	283	35h R2 L5 S6	80,91,100 oct.ARPT OF
Amsterdam	6 N;rd NW	887	18 S6	80 oct,ltd 91 ENTRY. oct.Use strips only.
Arlington(Poughkeepsie)	1.5 E;RR E	280	18 S2	80 oct. P-line NE,trees SW.
AURIESVILLE FM	(- - - -)	302°, 27.2	FM	Albany.
(P) Ballston Spa	3 N;RR E	433	40h L5 S6	80,91 oct,Fld lgts prior req.
Briggs (Carlisle)	0.6 SE;RR W	1320	12	
Catskill Valley (Catskill)	1.5 SW	100	26 S3	80 oct Data unver.
Christie (New City)	1.5 N;RR E	150	16 S4	80 oct. P-line SW.
COLONIE LFM	(- - -)	206°,5.7	LFM	Albany
Cooperstown	1.4 NNW;RR SE	1660	16 L S4	80 oct.Pole S.Port lgts.
Cozine (Rhinebeck)	0.5 SE;RR W	200	20 S1	87 oct. Pole-line W.
Cliff Haven(Accord)	11 W;RR S	260	16 S1	80 oct.
Croton Arpk.	4.8 SW;riv SW	280	13	Hill SW. (Peekskill)
East Greenbush	0.8 NW;RR W	260	38 L S6	80 oct,Port rnwy lgts.P-
East Hampton	2.5 W;RR S	40	25 S4	80 oct.No sto. line N.
(A) Elizabeth (Fisher's Island) (A)	W end Island	7	29h L4	No bcn.
Farly's (New Baltimore)	3 S;RR W	10	20 S1	80 oct. Trees N.
★ Ft.Plain Int,40A,CV-AZ	3 NNW;RR NE	680	35 L3	
Freedom Plains	2 W;rds N,E	340	11 S1	80 oct.Pwr line S.(Billings)
Fulco(Johnstown)	1 SE;hwy S	840	22 S4	80 oct.No sto
GLENS FALLS MH fac	206 (GB)		MHW	Data unver.
Glens Falls,18,IG-UL	2.6 NW;rd S	474	36h S6	80 oct.
Glove City	1.5 NE;RR S	860	17 S1	80 oct. (Gloversville)
Halcott(Halcott City)	1 N		10 S1	80 oct. Data unver.
Hayduk (Herkimer)	0.6 SSW;RR N	400	12 S4	Ltd 80 oct.P-line E.
Huguenot(Port Jervis)	3.3 NE;RR SE	480	21 S6	80 oct.Trees SW.
Intercity (Schenect'y)	3.6 SSE;RR NE	340	20 S4	80 oct.
Kingston	1.5 NW;RR S	150	17 S4	80 oct.P-line NW.
(P) Kingston-Ulster	2.7 N;RR E	160	30 S4	80 oct.No sto.P-line E,
Lime Ridge(Beekman)	1.3 SE;RR S	420	16 L2 S6	80 oct.All lgts prior req.
Livingston Manor	0.5 SE;RR W		21h S4	80 oct.;91 oct.req.Data
Long Meadow (Rexford)	1.5 NE;RR N,S W	380	17 S1	80 oct.Poles unver. NNE.
Mahopac	1.5 WNW;lk E		20 S4	80 oct.No sto.Data unver
Margaretville-Fleischmanns(Marg'v)	0.2 S;riv W		21 S4	80,91 oct.No sto.P-line NE. Data unver.
Mattituck	0.8 ESE;bay S	12	25 S6	80,91 oct. Poles N.
MEDWAY FM	(. . - - -)	206°,27.6	FM	Albany.
Miller (Nyack)	1.8 WNW;riv E	70	17 S6	80 oct.No sto.P-line SW.
Millerton	1.5 N;RR W	1000	13 S1	80 oct,Trees N.
Montgomery	1 WSW;riv W	393	22 S6	80 oct.Trees N,brush E.
(A) Montgomery U.S. Mil.Acad.#1 (A)	2 SW	355	35h	CLOSED.
Monticello-Sullivan County	1.4 S;RR E	1500	30 L S4	80 oct.No sto.Port rnwy lgts.Rnwy data unver.
Newburgh-Walden (Walden)	2.2 SSW;riv W	404	32 S6	80,91 oct.Obsts sur fld.
NEW HACKENSACK Range	236(NX)(116.1)	5°,5.3	SBRAZ-DTV	(4) ; 116.1
(P) New Hackensack	0.5 W	156	35h R1	Obsts NE.
New Paltz	0.8 W;RR E	190	20 S1	80 oct. NNE
Piseco	0.5 N;hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush
Plateau(Northville)	2.5 E;riv ESE	1040	24 S6	80,91 oct.Trees S.
PORT CHESTER FM	(. . -)	42°,16.5	FM	La Guardia
Randall's(Middlet'n)	1.8 ESE	520	20 S2	80 oct. RR NW.
Ravena	1.2 N;riv 2 E	180	14 S2	80 oct. Lgt acft only.
Rockland(New City)	1 SSE;RR E	240	14	Trees W;Hwy E. (NC)
Sacandaga Park (Northville)	1 SW;RR W	770	13 S1	80 oct.P-line WSW.
SARATOGA SPGS FM	(-)	28°,24	FM	Albany
(P) Schenectady Co.	3 N;RR SE	362	50h L5 S6	80,91,100 oct.
Schuylerville,Land & Seaplane Base	2.5 S;riv E	100	29	Trees N,S.
Selkirk	2.7 E;riv E	160	22	Trees N.
Sky Haven(Delanson)	0.9 NW;RR SE	1100	14 S2	80 oct.ESE,W blocked.
Somers	0.6 SE;RR E,S	563	20 S4	80 oct. No sto.
Spring Valley	0.3 E		19 S2	Fuel, Data unver.
Stanton's Newburgh Cub Port (Newb'g)	5.3 NW;RR S	520	12 S2	80 oct. Trees S.
Sterhaven(Middletown)	1.3 NW;RR SW, N	750	29	Trees SW, SE, NW.
Steenburgh Avia. Svc.(Gloversville)	1.5 ENE;RR N	900	8 S1	80 oct.
STEWART Army Rng	335(DMU)		MRLW	
STEWART Tower	396 (126.18)	125°,2.4	CA	(3); 126.18 (7-23)
(A) Stewart(Newburgh)	4 W;hwy N	474	61h R1 L5 S6	100 oct. JP-1. (A)
Stone Arabia	3.6 ENE;hwy E	880	18	P-line NNW.(Ft.Plain)
Stormville	1 ENE;RR S	350	23 S4	80 oct.No sto.Trees NE
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
★ Ticonderoga Int,22	2.7 NNE;rd E	210	32 L3	Obsts sur fld.(LG-UL)
Troy	2 SSE;riv W	327	30 L4 S6	73,91 oct.Trees NW.
Valley Air Park	1.5 NNW	635	20 S4	Data unver.(Middleb'g)
Vaughan(Johnstown)	1 E;hwy W	760	18 S1	Ltd 80 oct.Trees W.
(A) Wallkill,U.S. Mil.Acad.#2 (A)	3 NW;riv E	340	35h	CLOSED
Wappingers Falls	0.9 SE;rd S	152	21 S4	80 oct.P-line E,W,S.
[Warren Co.](Glens Falls)	2.4 NNE;rd N	325	40h L5 S1	80 oct.Lgts prior req.
Warwick-Wickham	4.5 NE;RR W	540	24 S4	80 oct.Ridge N.
WESTCHESTER CO, Tower	260		C	(4)
(P) Westchester Co. (White Plains)	4 NE;lake W	435	50h R1 L5 S6	80,91 oct.days.;100 oct.
White(Bedford)(NC)	3.6 SE;hwy E	475	12	
Wingdale	1.5 NE;RR W	400	25 S4	80 oct.No sto.ROUGH.
Wurtsboro	2 NE;RR E,SE	560	31 S6	80 oct.Obsts sur fld.

PENNSYLVANIA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED. HRS. OF OPERATION
Matamoras	0.5 SSE;riv SE	450	18h L4 S6	80 oct.No bcn.Lgts prior req.

VERMONT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED. HRS. OF OPERATION
Bennington	2.5 WNW	830	13 S1	80 oct.470' hill WNW.
Equinox(Manchester)	1 E;riv E,N	700	18 S6	80 oct.P-line,mtn E.
Fair Haven	1.5 N	370	20 S2	80 oct.Hills sur fld.
Hartness(Springfield)	3.8 NNW;riv E	570	20 S6	80 oct.
Rutland	5.8 SSE;hwy W	784	40h L3 S4	80 oct.No sto.All lgts
Twin State (White River Junction)	1 SW; riv, RR E	540	19h S6	80 oct. prior req. Hill NW.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WESTOVER (A) (L6)	109.9	333.8	239° Mag.	IM- (0.49)	MM- ····· (0.79)	OM- -- (3.38)
					MMK-	OMK-
WESTOVER (A) (L6)	109.5	332.6	59° Mag.	IM- (0.02)	MM- ····· (0.72)	OM- -- (4.42)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED. HRS. OF OPERATION
Island (Shelton,Conn.)	0.3 E;riv E,W		19 S4	80 oct.No sto.Data unver.
Duanesburg, (N.Y.)	0.3 S;hwy W,N	700	22	Sto.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

✚ Army A.C.S. transmits on and guards 116.1, 137.68, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV)

⇒ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop · N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

RADIO

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
BRUNSWICK NAS			DECOMMISSIONED
PORTLAND	206(PW)(116.1)	BMRLZ-DTV, 149°, 2.2	(4), 116.1
YARMOUTH FM (Navy)			DECOMMISSIONED

MASSACHUSETTS

BEDFORD (Navy)	522 (DBH)	MH	Operates cont.
Bedford AAF	212(26.18,137.88)	CA	(3);126.18,137.88
BOSTON (Logan)	263(BW)(116.1)	SBRAZ-DTV	(3) ; 116.1
BRANTROCK FM (Navy)	(- -)	FM, 141°, 20.2	Squantum NAS
EASTON FM (NAVY)	(- - -)	FM, 218°, 17.7	Squantum NAS
EVERETT LFM	(- - - -)	LFM, 298°, 4.2	Boston
FRANKLIN FM	(. . . - - -)	FM, 238°, 28.7	Boston
LOGAN (Boston)	278 (118.7 126.18,118.1)	AC:238°.1.4	(4), 122.5,126.18,118.1. 118.7
PEABODY FM	(-)	FM, 31°, 9	Boston
SOUTH BOSTON LFM	(- - -)	LFM, 238°,4.7	Boston
SOUTH WEYMOUTH (Navy)			DECOMMISSIONED
South Weymouth NAF	3295 (142.74)	CN	(3),142.74,(8-1630,Mon-Fri.)
SQUANTUM (Navy)	472(NZW)	BMRLZ	(3):142.74 flt opers.
Squantum NAS	323(142.74)	CN,321°,3.7	3105,4495;142.74(8-30 min before sunset)

NEW HAMPSHIRE

BOSCAWEN FM	(- - - -)	FM, 332°,14.2	Concord
CONCORD	251 (CN)(116.1)	BMRLZ-DTV 332°.1.9	(4),116.1
GRENIER(Manchester) (Army)	338(DUR)	SBMRAZ	(3)
Grenier Field	278(126.18)	CA(ILS),352°,0.4	(3):126.18

RHODE ISLAND

CHARLESTOWN NAAS	269(142.74)	CN(GCA)	3105;142.74 (0700-1800)
GREENE(Providence)	278 (118.9)	C:47°.3.2	(4); 118.9,122.5
PROVIDENCE (Greene)	347(PR)(116.1)	SBMRAZ-DTV	(3);116.1
QUONSET POINT (Providence) (Navy)	356 (NCO)	BMRLZ	3105;142.74
Quonset Point NAS (Providence)	227(142.74) (126.18)	CN,339°,2.2	(3);142.74,140.58, 126.18

NEW RADIO FACILITIES

DEDHAM, Mass. FM	- - - - -	FM;238°,14.4	Boston
MOOSUP, Conn. FM	(- - - -)	FM,286°, 18.6	Providence

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRENIER (A)	109.5	332.6	352° Mag.	IM- (0.03)	MM- ·····(0.71)	OM- (5.00)
				MMK-201 ·-· (0.71)	OMK-219 ·-· (5.00)	
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice.
+—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Foster(Stonington)	1 NE,RR S	5	18 S4	80 oct. Lgt acft only
Plainfield	1.5 SSW,RR E	160	21 L S6	80 oct Port rnwy lgts.
* Putnam Int, 14,LG-BW	1.7WSW;riv E	460	22 L3	Pole line N;poles NE.

BOSTON

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Biddeford	2 SSW;RR NW	110	22 S2	80 oct. Pole line SE.
Brunswick NAS	1.5 SE;RR N	77	60h	91,100 oct.
Douglas (Brunwsick)	3.5 W;RR SE	170	15	
Hilltop (West Buxton)	0.8 WSW;RR S	300	22 S4	80 oct. Poleline ESE.
Kennebunk	2 S, rd E	120	20 S2	80 oct. Trees S. Data unverified
Merrymeeting(Bowdoinham)	1 SSE;riv E	60	18 S1	80 oct. Trees N,S.
PORTLAND	2 W,riv E	60	43h R1 L5 S6	80,91 oct.
Port of Maine (South Portland)	1.8 SSW,RR E	40	28 S6	80 oct. Rnwy data unverified.
Riverside Airpark (Brunswick)	1 WNW,RR S	60	18 S4	80 oct. No sto. Trees NNW
(P)Sanford	4 SE,hwy N	243	60h L5 S6	80,91 oct.
Scarboro	2 W,RR SSE	20	25 S2	80 oct.
Stover (Freeport)	4 NNW	200	12 S2	80 oct. Data Unverified

MASSACHUSETTS

Ames (Brockton)	3 WSW,RR W	120	20 S6	73 oct. RR S.
Auburn	2 SW,RR W,E	700	15 S1	80 oct. Lgt acft only.
(A)Bedford AAF (A)	1 S	128	50hR2 L5S6	73,100 oct:JP-1.
(CG) Beverly	3 NW,lake E	108	50h L5 S1	80,91 oct.
Bolton (Clinton)	2.3 NE,RR W	400	17 S6	80 oct. Trees around fld. RR S.
Boston-Metropolitan (Canton)	1 W,riv W	50	21 S6	80,91 oct
Brockton	2 S,hwy E	128	22 S6	80 oct. Poles E,W. Rnwy data unver.
Cape Cod (West Barnstable)	2.1 SW, lake SW	100	25 S2	80 oct.
Country Club(Wareham) (NC)	1.3 E,riv S	25	17	Pole line, trees N
Chatham	1.7 WNW,hwy S	66	14 S4	80 oct. Pole line N
Eastham	1.2 NW;hwy E	50	20 S4	80 oct, FEE, Rnwy data
Edgartown	2 S,rds E,NW	20	30 S4	80 oct. unver. Smudge pots prior req. P-line E.
Falmouth (NC)	2.5 NE	40	18 S4	80 oct Data unver
Fitchburg	2.5 SE,bet RRs	334	45h S6	80 oct Knolls, dike S.
(A)Fort Devens AAF(A) (Ayer)	See Ayer, Mass under "New Arpts" - name changed			
Franklin-Norfolk (Norfolk)	2.5 WNW RR SSE,NW	140	20 S6	80 oct. Pole line S
Grafton (No Grafton)	0.7 SSW,riv N	450	30 S6	80 oct. Wooded hill S
Groton	4.6 WNW,RR W	280	28 S6	80 oct
Haverhill	2 NNE,lake S	125	17 S6	80 oct Stack S; pole line NW
HYANNIS	1.2 N,RR E	56	41h S4	80,91 oct. line NNE
King (Taunton)	4.5 ESE,RR N	45	26 S6	73 oct. Pole P-line SSE
(P)LAWRENCE	2.5 ENE,lake E	155	40h L5 S6	91 oct day only
Leicester	2 N	1140	15h S4	80 oct. Reservoir SE
(A)LOGAN (Boston)	1.5 E in harb	12	70h R2(L5)S6	80,91,100 oct. Rdo rqrd FEE ARMY TMP INACT CIVIL FACS
Mansfield	2 SSE,RR NE	124	25 S2	80 oct Pole line NWNE
Marlboro	2.4 E,RR WSW	265	15 S4	80 oct Ridge SSE,NNW
(N) MARTHA'S VINEYD. (Vineyard Haven)	4.3 S,rd S	68	38h L5 S2	80,91 oct. Lgts prior req Obsts SE side TMP
Mendon	0.3 S,lake W	450	18 S4	80 oct. No sto P-line N,NW INACT. NO NAVY FACS
Myricks	0.8 N,RR SW	65	20 S4	80 oct. Pole line S
NANTUCKET	2.6 SE,rd N	47	40h L S6	80,91 oct. Port lgts.
(P)New Bedford	2.5 NNW,RR W	78	50h L5 S2	No fuel.
North Shore(Essex)	Adj NW	20	15 S1	
Norwood	1.8 E,riv E	55	40h L5 S1	80,91 oct.
Oak Bluffs	0.8 SW,rd W	20	20 S4	80 oct. Trees E,SE
(N)Otis OLF(Falmouth)	9 NNE	126	70h	INACTIVE (N)
Plum Island (Newburyport)	2.3 SE,riv N	15	25 L1 S6	80 oct. Pole line E.
Plymouth	SSE	149	25	Data unverified.
Providence (Seekonk)	2.1 ESE,rd NE	25	17 S4	80 oct. Pole line NNE
Revere	1 N	20	21h L S6	80,91 oct. Port lgts, fee Data unverified.

MASSACHUSETTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Richardson (Dracut)	2 NNW Lowell	115	15 S4	Data unver
Shawsheen Pines (Billerica)	2.7 E,RR NE	110	24h S6	80, 91 oct. Ltd sto. Rnwy data unver. Trees NE,E,SE
Sherman Memorial (Mansfield)	See Clifford Sherman Memor'l under "New Arpts" - name changed.			
(N)South Weymouth NAF	1.5 SSE,RR W	152	45 R1 L5 S4	100 oct. B-2 lgts.
Spencer (N)	2 NE	1100	15 S4	80 oct. Data unverified.
(N)Squantum NAS (N)	0.8 W,bay N	10	41h R2 L5 S4	91,100 oct. No sto. No ngt flying. lgts prior req
Westboro	1.9 WNW,hwy N	310	13 S6	80 oct.
Wilkins (No Attleboro)	2 NE,lake NW	200	18 S6	80 oct. Poleline ESE
WORCESTER	3.5 W,RR SE	1009	55h	

NEW HAMPSHIRE

Boire (Nashua)	2.8 WNW,RR N	185	20h L3 S6	80,91 oct. Lgts prior req P-line S
CONCORD	1.5 E,riv W	346	40h R1 L5 S6	80,91 oct
Daniel Webster(Nashua)	3.5 NW,riv E	192	25 S6	80,91 oct. Data unverified
Gate City (Nashua)	4 S		20 S4	80 oct. Data unver
(A)Grenier (Manchester)	4 S,RR E	230	70h R3 L5 S6	73,91,100 oct. (A)
Hampton	1.6 N,RR W	80	20 S5	80 oct. No sto. Trees N,S.
Hooksett Land & Seaplane	2 S,RR E	187	20 S6	80 oct. No sto.
Laconia	3.8 NNE;RR S	536	35h L5 S6	73,80,91 oct. Fld lgts prior req.
Lakes Region (Wolfeboro)	2.6 W,RR E	580	14	CLOSED
Merrimack Bay(Concord)	5 NNW,RR W	260	15 S2	80 oct. Poleline S.
Plymouth Mun. Arpk	3.5 WNW,RR N	506	18 S2	Ltd 80 oct. Poleline N
(P)Portsmouth	3 W,bay W	94	50h L5 S6	80,91 oct.
Wayside(Sommersworth)	2.4 W,RR N	200	15 S2	80 oct. Trees SSE.

RHODE ISLAND

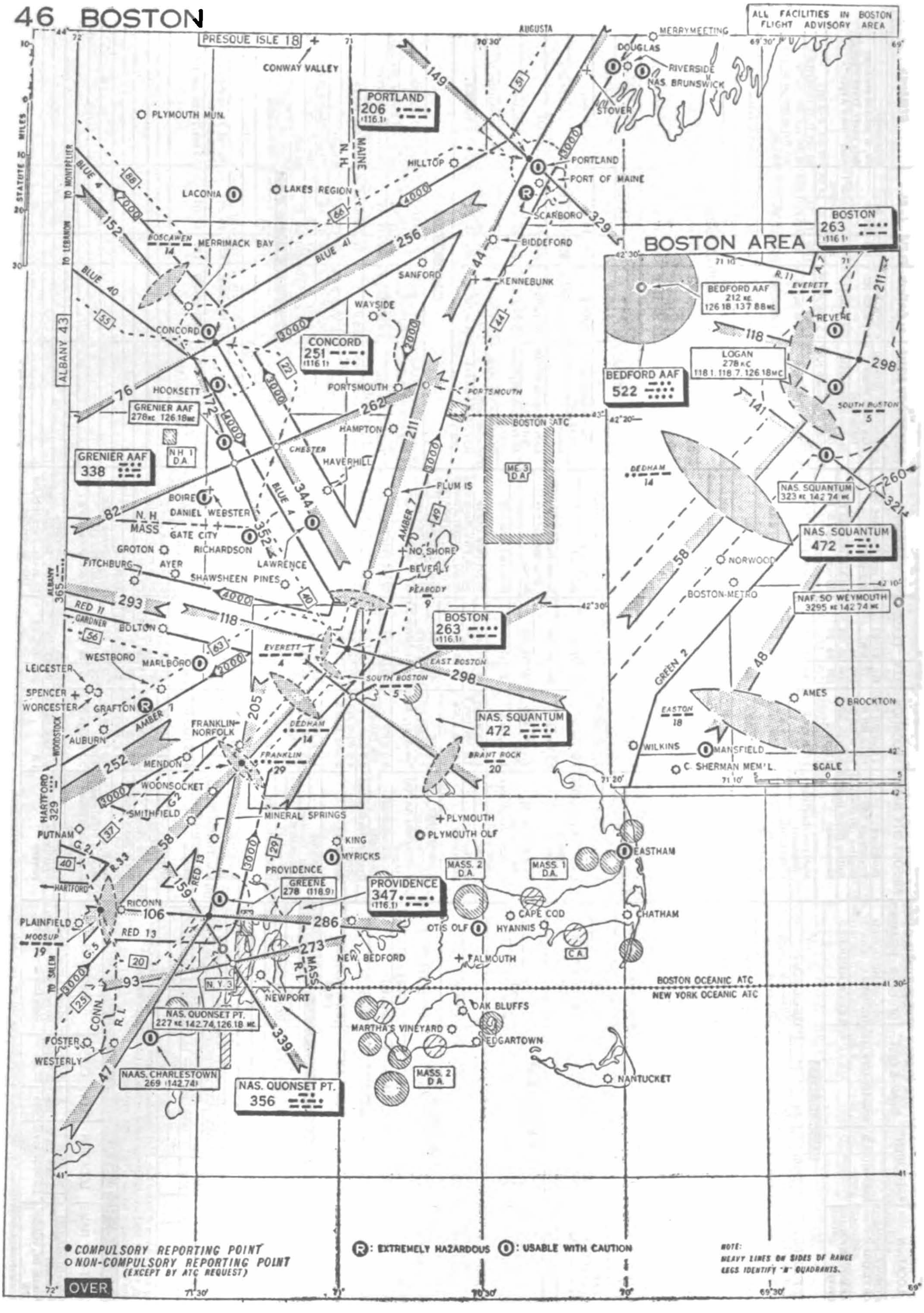
(N)Charlestown NAAS(N)	1.9 SW,hwy N	32	58h R1 (L5) S1	91,100 oct. No bcn.
GREENE(Providence)	7 S,RR W	53	41h R2 L5 S6	80,91 oct.
Newport Arpk	3.5 NNE	145	25 S4	80,91 oct, Emerg lgts only.
Mineral Springs (Providence)	4.6 NW,hwy E	240	11 S4	73 oct. No sto. Trees surround field
(N) Quonset Point NAS (Providence) (N)	16.5 S	14	60h R2 L5 S6	91,100 oct. NATS
Riconn (Greene)	1.8 WNW,RR S	390	15 S4	80 oct.
Smithfield	1 NE,RR W	400	17 S6	80 oct. Flares on req.
Westerly	2.4 SSE	81	40h	Riv. E.
Woonsocket	2.5 E;riv WSW	400	20 S2	80 oct.

NEW AIRPORTS

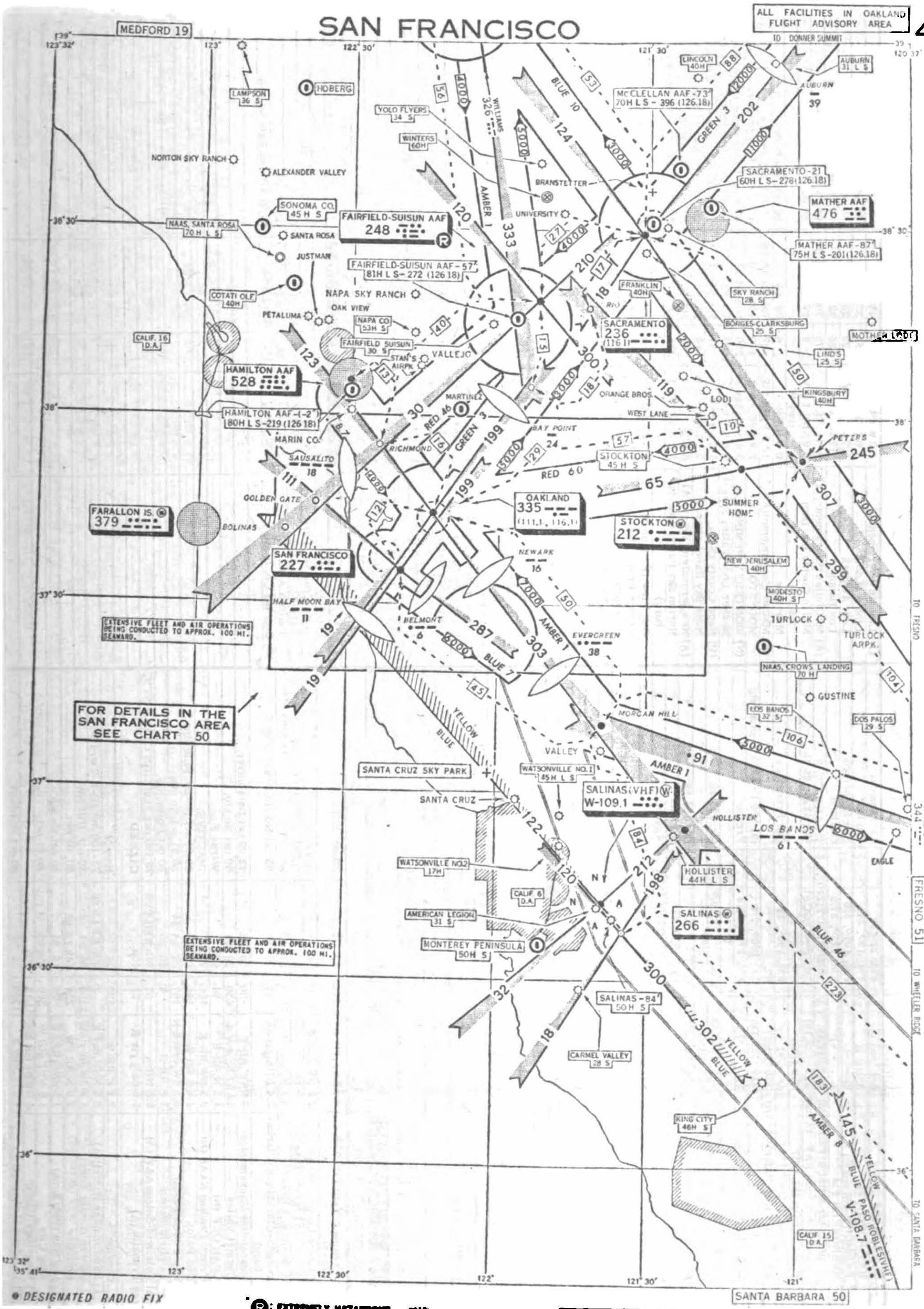
(N)Plymouth, Mass. OLF (N)	4.5 SW	140	28	
(A) Ayer, (Mass.)	1.5 NW;riv W	268	52h	
Conway Valley (Conway,N.H.)	0.3 NW;RR E,S	460	20 S4	80 oct. Trees NNE,SSW. Data unver.
Clifford Sherman Memor'l (Mansfield,Mass)	3 SSW;RR W	130	17 S1	73 oct. Trees sur fld.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC (not charted). → NEW OR REVISED DATA

46 BOSTON


ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
PRESQUE ISLE 18
CONWAY VALLEY
AUGUSTA
MERRYMEETING
DOUGLAS
RIVERSIDE
NAS BRUNSWICK
STOVER
PLYMOUTH MUN.
PORTLAND 206 (116.1)
HILLTOP
LACONIA
LAKES REGION
PORTLAND
PORT OF MAINE
SCARBORO
BOSTON 263 (116.1)
BOSTON AREA
BIDDEFORD
SANFORD
KENNEBUNK
BOSCAWEN
MERRIMACK BAY
WAYSIDE
CONCORD
CONCORD 251 (116.1)
BEDFORD AAF 212 KC 126.18 137.88 MC
EVERETT
REVERE
LOGAN 278 KC 118.1, 118.7, 126.18 MC
BEDFORD AAF 522
HOOKSETT
GRENIER AAF 278 KC 126.18 MC
PORTSMOUTH
BOSTON ATC
HAMPTON
SOUTH BOSTON
GRENIER AAF 338
NH I DA
CHESTER
HAVERHILL
ME. 3 DA
DEDHAM
NAS. SQUANTUM 323 KC 142.74 MC
BOIRE
DANIEL WEBSTER
N. H
MASS
GATE CITY
PLUM IS
NO. SHORE
GROTON
RICHARDSON
AYER
LAWRENCE
BEVERLY
NAS. SQUANTUM 472
FITCHBURG
SHAWSHEEN PINES
PEABODY
NORWOOD
BOSTON-METRO
NAF. SO WEYMOUTH 3295 KC 142.74 MC
BOSTON 263 (116.1)
BOLTON
EVERETT
EAST BOSTON
SOUTH BOSTON
WESTBORO
MARLBORO
LEICESTER
SPENCER
WORCESTER
GRAFTON
NAS. SQUANTUM 472
AMES
BROCKTON
EASTON
WILKINS
MANSFIELD
C. SHERMAN MEM'L
SCALE
AUBURN
FRANKLIN-NORFOLK
DEDHAM
FRANKLIN
BRANT ROCK
MENDON
WOONSOCKET
SMITHFIELD
MINERAL SPRINGS
PLYMOUTH
PLYMOUTH OLF
PUTNAM
KING
MYRICKS
EASTHAM
MASS. 2 D.A.
MASS. 1 D.A.
PROVIDENCE
GREENE 278 (118.9)
PROVIDENCE 347 (116.1)
HARTFORD
RICONN
106
CAPE COD
CHATHAM
PLAINFIELD
MOOSUP
OTIS OLF
HYANNIS
C.A.
NEW BEDFORD
FALMOUTH
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
OAK BLUFFS
MARTHA'S VINEYARD
EDGARTOWN
NAS. QUONSET PT. 227 KC 142.74, 126.18 MC
FOSTER
WESTERLY
NAAS. CHARLESTOWN 269 (142.74)
NAS. QUONSET PT. 356
NANTUCKET
NEWPORT
N. Y. 3
MASS. R.I.
CONN. R.I.
TO LEBANON
TO MONTPELIER
ALBANY 43
ALBANY 365
HARTFORD 329
TO SALEM
WOODSTOCK
STATUTE 10 MILES
BLUE 4
BLUE 41
BLUE 40
RED 11
RED 13
AMBER 1
AMBER 7
GREEN 2
G 2
G 5
R 33
R 11
149
152
256
329
44
76
172
262
211
344
82
352
118
293
298
205
141
260
321
58
48
252
47
159
339
286
273
93
88
66
55
63
56
40
37
29
25
22
51
49
20
14
9
5
4
18
2
1
3000
4000
2000
72°
71°30'
71°
70°30'
70°
69°30'
69°
42°30'
42°20'
42°
41°30'
41°
71°10'
71°20'
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
OVER

SAN FRANCISCO



RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT;210°,4.7	(3);4220,126.18
Fairfield-Suisun AAF (Army)	272 (126.18)	CA(ILS-W)(GCA)	(3); 4220;126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ	
Hamilton Field	219 (126.18)+	CA; 160°, 2.1	(3);126.18.4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA	(3); 126.18
Mather Army (H fac.)	476 (DIM)	H	
McCLELLAN (Sacramento)	396 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
→ OAKLAND	335(OA)116.1,111.0	SBRAZ-DTXV,199°,0.2	(4);116.1,122.1
SACRAMENTO	236(SZ)(116.1)	SBMRAZ-DTV	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);122.5
SALINAS	266 (SB)	MRLW , 310°,2.4	
SAN FRANCISCO	227 (SF)	SBMRLZ-DT,291°,3.6	(3)
SANTA ROSA NAAS (NC)	3295 (142.74)	CN	(3); 142.74 (req. only)
SAUSALITO FM	(- - - -)	FM, 278°, 17.5	Oakland
STOCKTON,CALIF.	212(TW)	MRLW,285°,3.1	
NEW RADIO FACILITIES			
SALINAS	109.1(SB)	VARW	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
FAIRFIELD-SUISUN(L6)(A)	110.3	335	210° Mag.	IM-	(0.3)	MM-	OM-
						MMK-	OMK-
				IM-		MM-	OM-
						MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
American Legion(Salinas)	1.8 NNW	75	31	CLOSED.White crosses mark ends landing areas.
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg (Clarksburg)	2.4 NNE,riv SE	15	25 S6	80 oct.No sto.Power line E.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.
Carmel Valley	12.5 ESE,riv S	450	28 S4	80 oct.No sto.
(N) Cotati OLF (N)	1.5 N,RR E	94	40h	Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	INACTIVE.
Dos Palos	1.6 S,RR W	146	29 S6	80,91 oct.No sto.Pole line S.
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.No sto.
Fairfield-Suisun	1 E,RR N	7	30 S5	80 oct.Poles N,S.
(A) Fairfield-Suisun AAF (A)	5.5 NE	57	81h R3(L6)S4	73,100 oct.FOREIGN CLEAR STN.
(A) Franklin (A)	5.5 SSE, riv E	21	40h	CLOSED
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	16 S4	80 oct.No s/p.
King City	1.5 NNE,RR W	360	46h S5	80,91 oct.
(P) Kingsbury (Lodi)	6 WSW; RR NE	15	40h	
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → New or revised data

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Lincoln (Sacramento)	3.2 WNW,RR NE	120	40h	
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.No sto.Poles E.
Lodi Airpark	4.5 SW,RR W	25	28 S6	80 oct. Hwy E.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE,RR W Hwy W	2	17 S4	80 oct.
Martinez	0.8 N,RR S	6	20 S6	80 oct.Hill WSW.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	87	75h R2 L5 S6	91,100 oct. No sto. TEMP INACT
MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. Lgts prior req. NO NAVY
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L2 S1	80,91 oct.Lgts prior req FACS
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
Napa Sky Ranch (Napa)	2.2 NNW,RR W	40	20 S6	80, 91 oct. Hwy W Flares req.
(A) New Jerusalem(Tracy)(A)	8 ESE	56	40h	River E. CLOSED prior req.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	20 S1	80 oct.Pole line WNW.
Orange Bros. (Stockton)	5 N	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	15 S4	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct. Pole line E.
(P) Salinas	2.5 SE,RR SW	84	50h L5 S6	80, 91 oct. Lgts on req.
↘ Santa Cruz	4.8 E,RR W	96	24 S1	80 oct.
(P) Santa Rosa	See Sonoma Co. under "New Airports" - name changed.			
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h R1 L5 S4	91, 100 oct. No sto.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S5	80,91 oct.Port rnwy lgts.Pole
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct. line SE.
State Forestry(Davis)(NC)	3 E,hwy N	228	26	Power line W.
(P) Stockton	4 SSE,RR W,SW	27	45h L5 S6	80, 91, 100 oct. Lgts prior req.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW,RR E	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct.
Valley (Morgan Hill)	1.2 S,hwy E	540	17 S1	80 oct.Pwr pole SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW,bay W	125	17h	
West Lane(Stockton)	4.1 N,RR W	25	25 S1	73, 80 oct.
(A) Winters Flight Strip(Davis)	6.2 WNW,hwy W	97	60h	CLOSED (A)
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S4	80 oct.No sto.Port rnwy lgts.Poles E.
NEW AIRPORTS				
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5 N; hwy E		21h S2	80,91 oct. Data unver.
Turlock, (Calif.)	4 WSW;RR N	100	18 S1	80 oct.
Turlock Arpk, (Calif.)	1.5 SSE;hwy E	95	15 S2	73,80 oct.
(P) Sonoma Co. (Calif.)	7 NW;RR E	118	45h L5 S6	80,91,100 oct.Lgts on req

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS			
Alameda NAS (Seaplane)	257(126.18,142.74)	CN	(3);126.18,142.74
	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(116.1)	SBMRAZ-DTV;141°,1.5	(3); 116.1
Bakersfield Kern Co.	278 (118.5)	C (ILS-W)	(4);126,18,118.5,122.5
BELMONT FM	(. - -)	FM; 1070, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS(Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
MT.VIEW(Navy)(Moffett NAS)	323 (NUC)	BMRLZ; 320°, 1.9	(3);126.18, 142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMK; 123°, 16	Oakland
→ OAKLAND	335(OAJ)116.1)11.1)	SBRAZ-DTXV	(4);116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4);126.18,118.7,122.5
PASO ROBLES	(108.7) (OB)	VARW	
POINT MUGU NAF	338 (142.74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227 (SF)	SBMRLZ-DT	(3)
San Francisco Airport	269(126.18,118.9)	C; 291°, 3.6	(4);126.18,118.9,122.5
SAN FRANCISCO GAP	356 (F)	K; 285°, 10	San Francisco
SANTA BARBARA	320(OY)(116,1)	BMRLZ-DTV	(4);126.18,142.74,116.1
SANTA BARBARA	(108.3) (OY)	VARW	
→ Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,122.5 (6-19)
SAUSALITO FM	(- - - -)	FM; 278°, 17.5	Oakland

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

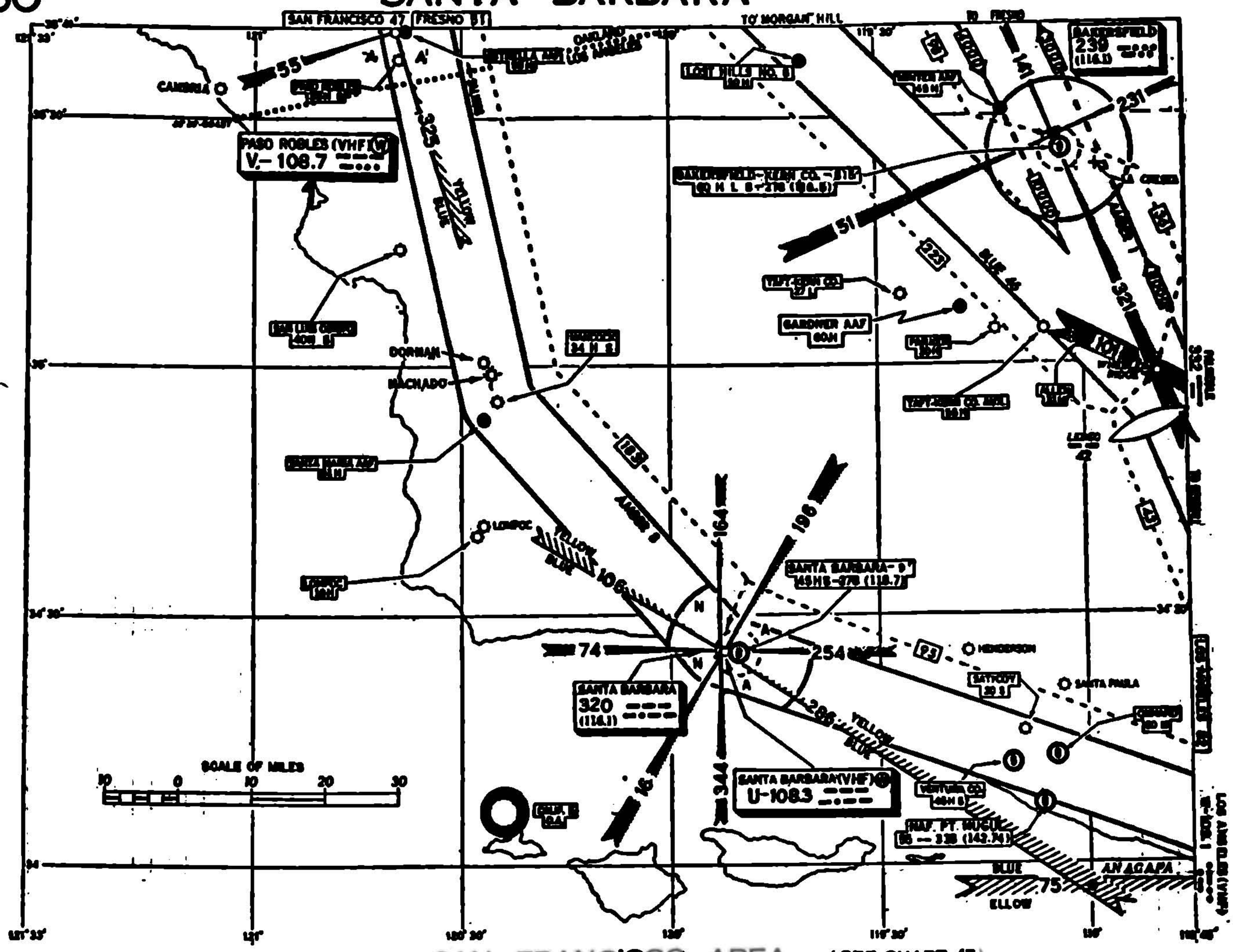
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9		300°Mag.	IM- ····· (0.07)	MM- ····· (0.80)	OM- -- (4.71)
					MMK-	OMK-
OAKLAND	109.9	333.8	274°Mag.	IM- ····· (0.12)	MM-	OM- -- (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

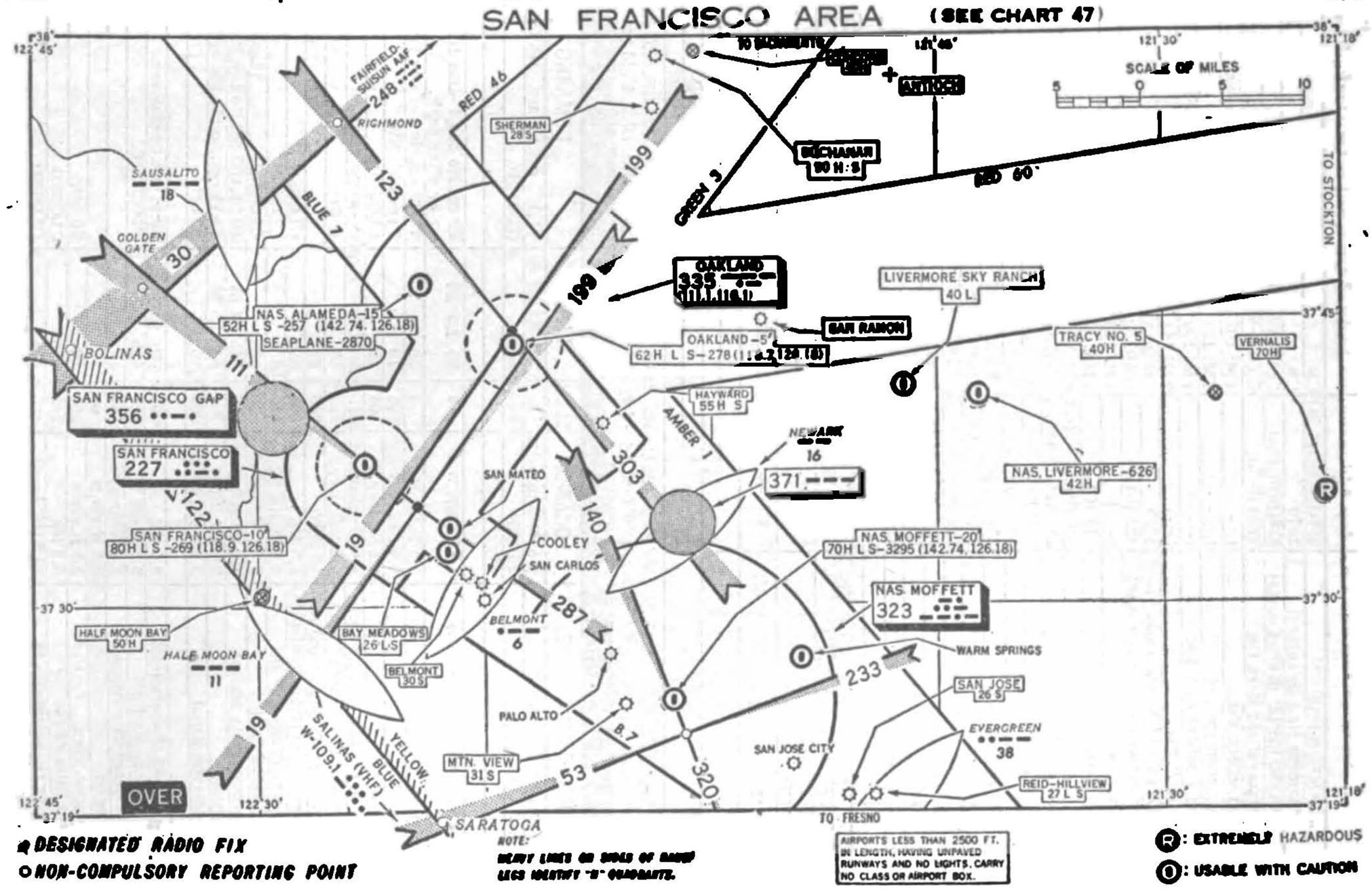
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto. NATS
(A) Allen (Taft)(A)	26 ESE	500	31h	CLOSED
→ Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 L5 S6	80 oct.No bcn.P-line N.Lgts avail. 1 hr after dark.
Belmont	0.5 N,RR W	5	30 S4	73,80 oct.No sto.Bay E.
Cambria	0.9 SSE,hwy E	350	19	Trees W. NW.
Concord	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	See Buchanan,Calif. under "New Arpts"-name changed			
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft) AAF (A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW,hwy NE	36	50h	CLOSED | Lgts prior req.
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W
(P) Hayward	2 WSW,RR W	25	55h L5 S6	80,91 oct.No sto.Fld lgts prior req.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct.Data unver.
(N) Livermore NAS (N)	3.7 E,RR N	626	42h	INACTIVE.
(N) Livermore Sky Ranch	2 WNW,hwy E	448	40 L2	
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	CLOSED
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	70h R2 L4 S4	91,100 oct.No sto. NATS
Mountain View	2.2 NW,RR W	57	31 S6	73 oct.
(N) Oakland (NAS)	5 S,RR SE	5	62h R3 L6 S6	73,80,91,100 oct.2-way rdo req.NATS
(P) Oxnard Flight Strip	5.5 E,RR S	84	50h	(Hospital)
Palo Alto	2 ENE,bay E	5	23 L S6	73,80 oct.Port.rnwy lgts.Poles S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct. | Naval Air Missile
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED Test Center
Reid-Hillview (San Jose)	4 E,hwy N	200	27 L3 S6	80,91 oct.No sto.or bcn.Poles N,S.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	80h R2 L5 S1	80,100 oct.No sto.Rdo req.
San Jose City (San Jose)	2 NW;RR SW	70	18 S6	91 oct.No sto.Pwr line S.
(P) San Luis Obispo	2 SSE;hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W.
San Ramon	2.5 SE;RR adj E	440	25 S2	80,91 oct.
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S,obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	
Santa Paula	0.8 S;riv S	240	22 L S6	80 oct.Port.strip lgts prior req.
Saticoy	1.5 S;RR N	80	30 S1	80,91 oct.No sto.Trees NE.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
(P) Tracy #5	3.6 S	190	40h	
Ventura County (Oxnard)	1 W;hwy E	44	46h L S6	80,91 oct.Flares prior req.
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	29 S6	91,80 oct.No sto.
NEW AIRPORTS				
Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
Cooley (San Carlos)	2.9 NNW;RR S	6	21 S6	80,91 oct. Hwy SW.
Machado (Santa Maria)	2.2 N;RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E; road SW	125	26 S4	91 oct.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Buchanan (Concord,Calif.)	1.5 NW;hwy N,S	22	50h L S6	80,91 oct, Port lgts. prior req.

b-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing (See page IV), NC-not charted, → New or revised data

SANTA BARBARA



SAN FRANCISCO AREA (SEE CHART 47)



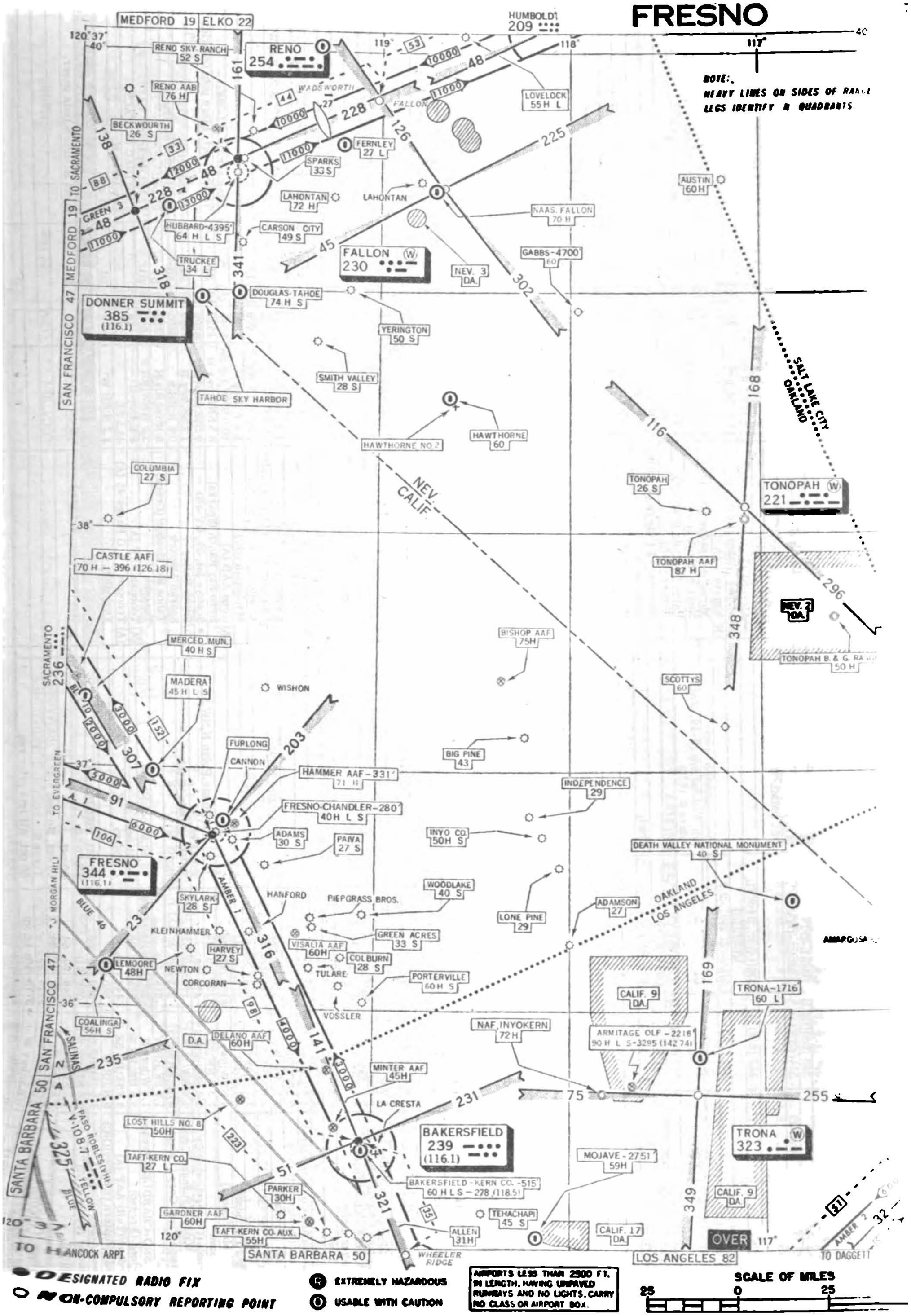
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "B" CORRIDORS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.

Ⓡ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION

FRESNO



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ EXTREMELY HAZARDOUS

Ⓤ USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.

RADIO

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE OLF (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239 (BD)(116.1)	SBMRAZ-DTV;141°,1.5	(3); 116.1
Bakersfield Kern Co.	278 (118.5)	C(ILS-W)	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116.1
→ FRESNO (Fresno-Chandler)	344(FT)(116.1)	SBRAZ-DTV;23°,0.9	(4);116.1
→ MOJAVE NAS			DECOMMISSIONED
TRONA	323 (EW)	SMRAWZ, 349°, 11	

NEVADA

FALLON (NAS)	230 (VA)	SRAWZ; 219°, 2.9	
→ GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4); Wed,Sat,Sun (6-19, other days 8-1630)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SRAWZ;168°,2.6	
WADSWORTH FM	(-)	FM, 48°, 27	Reno.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9		300°Mag.	IM- (0.07)	MM- ·····(0.80)	OM- ——(4.71)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +— Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	
Amargosa (Death Valley Jct.)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
(N) Armitage OLF (Inyokern)(N)	8 ENE	2218	90h R1 L5 S1	CLOSED
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
Boston Land Co.(Westhaven)	1.7 SSW;hwy N	300	31	(NC)
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1.
→ Coalinga	1.5 N;hwy E	664	56h S4	80,91 oct.Hill N,W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;rd S	220	19 S4	73,80 oct. No sto.Poles N,NW,SE.
Cornell (Porterville) (NC)	2.4 SSW;RR E	470	26	Poles SE.
Death Valley (Furnace Creek)	1 WNW	-178	40 S2	80,91 oct.Data unver.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
(P) Delano	1.5 SE;RR W	315	60h	
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct.No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	33 S6	80 oct. Pole line SE.
(A) Hammer (Fresno) (A)	4.8 NE;rds N,E	331	71h	CLOSED.
Hanford	1.2 SE;RR W	246	20 S4	80 oct.
Harvey (Corcoran)	2.7 NNW;RR W	200	27 S4	80 oct. No sto.
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h	NATS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S2	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
Lemoore	9 SW;RR NW	247	48h	
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80-100 oct. No sto.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Lgts prior req.
→Merced #1	2.5 NW;RR SW			ABANDONED
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	410	45h	CLOSED.
(N) Mojave NAS (N)	0.7 E;hwy W	2751	59h	INACTIVE
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;riv E	194	23 S4	80 oct. No sto.Pwr line N,NW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S2	80 oct.
(P) Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W.
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
★ Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	21	Mtns - timber 2000' NE Closed to Public
(P) Visalia	.5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW.Closed to Public
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.

NEVADA

Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h S6	73 oct.
★ Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
(N) Fallon NAAS	6 SE;hwy S	3931	70h	INACTIVE
★ Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
→HUBBARD (Reno)	3.4 SE;RR N	4404	64h R2 L5 S4	80,91,100 oct.
Lahontan (Fallon)	1.4 SSW;hwy N	3950	24 S4	80 oct. Poles ENE,WSW.Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	40	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
★ Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tahoe Sky Harbor (Genoa)	6 WSW;RR N	6230	42 S1	80 oct.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;RR W	4483	50 S1	73 oct.

NEW AIRPORTS

Hawthorne No. 2, (Nev.)	NE city limits	4200	27 S1	80 oct.Hi-line S.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

RADIO

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-DTV,142°,5.5	(4), 116.1

CALIFORNIA

NEEDLES	400(NJ)(116.1)	BMRLZ-DTV,195°,2.2	(4), 116.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-DTV,132°,1.9	(4), 116.1

NEVADA

CRYSTAL FM	(-)	FM; 28°,30	Las Vegas
GOODSPRINGS FM	(- - -)	FM; 203°,33	Las Vegas
LAS VEGAS	206(LQ)(116.1) (111.1)	SBMRAZ-DTV;34°,1.9	(3);116.1,122.1
Las Vegas AAF	278(126.18,118.7)+	C (ILS-W)	(4):118.7,126.18,122.5 (8-midnite)

UTAH

BRYCE CANYON (Int.)	108.3(BV)(111.1) (116.1)	VAR-DPTV,35°,0.8	3117.5,131.7,116.1, 129.7 cont.(3)req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-VDT,20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-VT,20°,1	(4), 116.1
ST.GEORGE	108.7(GX)(111.1) (116.1)	VAR-DPV,229°,7.8	3117.5;131.7,116.1, 129.7 (3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM: 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LAS VEGAS AAF	110.3	335	25° Mag.	IM		MM ·--(0.66)	OM -- (4.2)
						MMK	OMK

S-Signal, Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-AQ	4.3 W,RR S	5089	41 L3	
(P) Clemenceau (Cottonwood)	1.7 SSW,hwy NE	3400	29 L1 S4	73 oct.
(P) Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14.8 S,RR W	6362	65 S4	80 oct.Trees ENE,WNW, SSW.Rnwy data unver.
(A)Kingman AAF(A)	8.5 NE,hwy NW	3446	65h	CLOSED
Mohave Co.(Kingman	6.5 NW,hwy E	2850	34	Not maintained.
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S1	80,91 oct.All lgts prior req.
(P) Valle	2.3 E'RR W	5990	60 L3	Fld lgts prior req.
Verde Valley(NC)	1.8 SE,riv W	3400	30	(Cottonwood)
Williams	4.3 N,RR E	6600	41 S6	80 oct.Mts SW.
(P)Yucca	1.5 NE,RR W	2030	60h	

CALIFORNIA

* Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
Needles	5.5 S,hwy E	990	58h R1 L3	
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE
* Silver Lake Int,18, LA-SL	2.5 SSE,RR E	917	40 R1 L3	Rnwy data unverif.

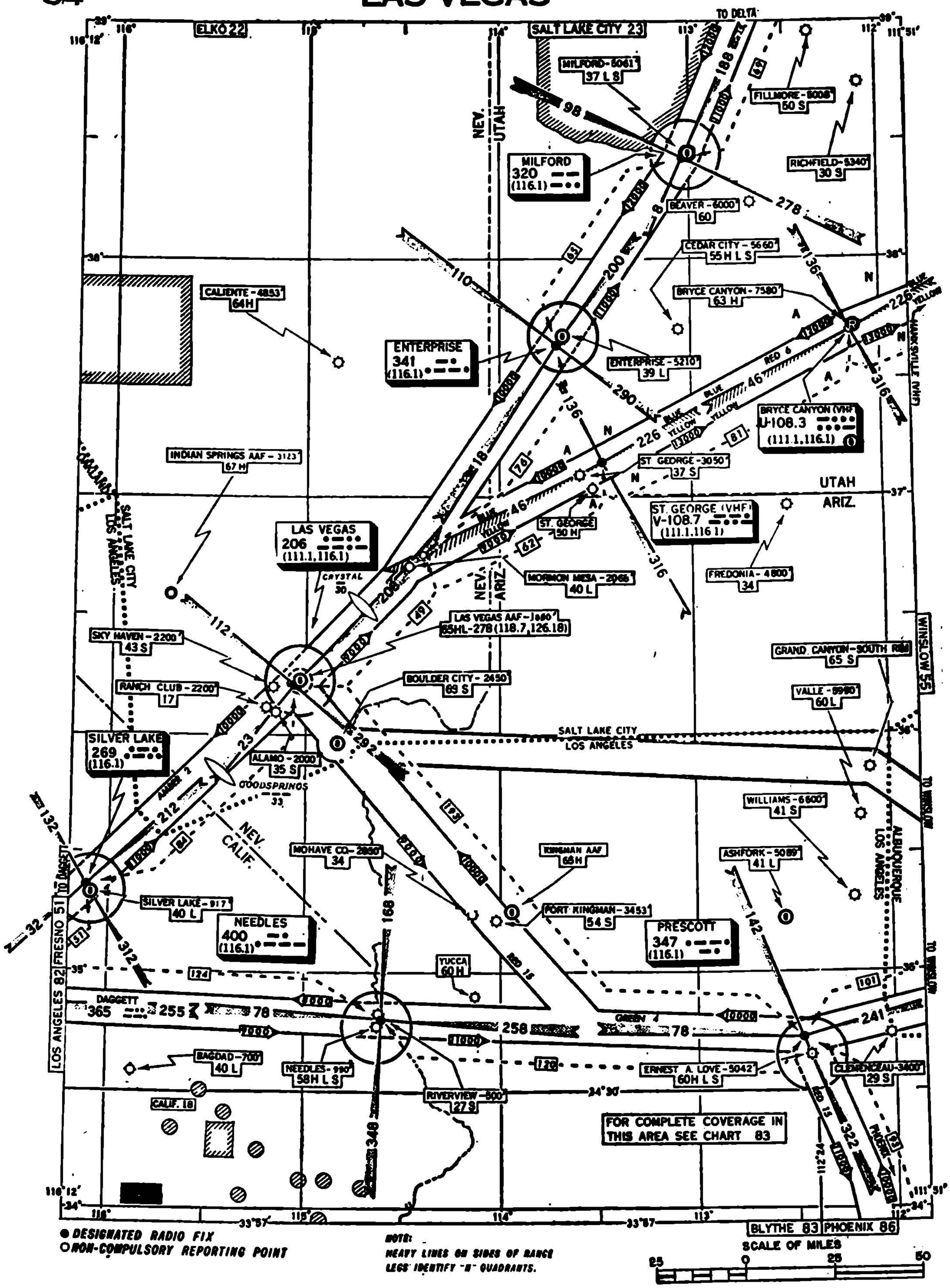
NEVADA

Alamo(Las Vegas)	5.5 SSW,RR SW	2000	35 S4	73,80,91 oct.
BOULDER CITY	1.8 SW,RR W	2450	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
(A) Las Vegas AAF(A)	7.8 NE,hwy NW	1890	65h	TEMP INACT. NO FACS.
* Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	0.7 W,hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	5.5 SW,RR E	2200	17	Mts WSW,ENE,E.
Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)

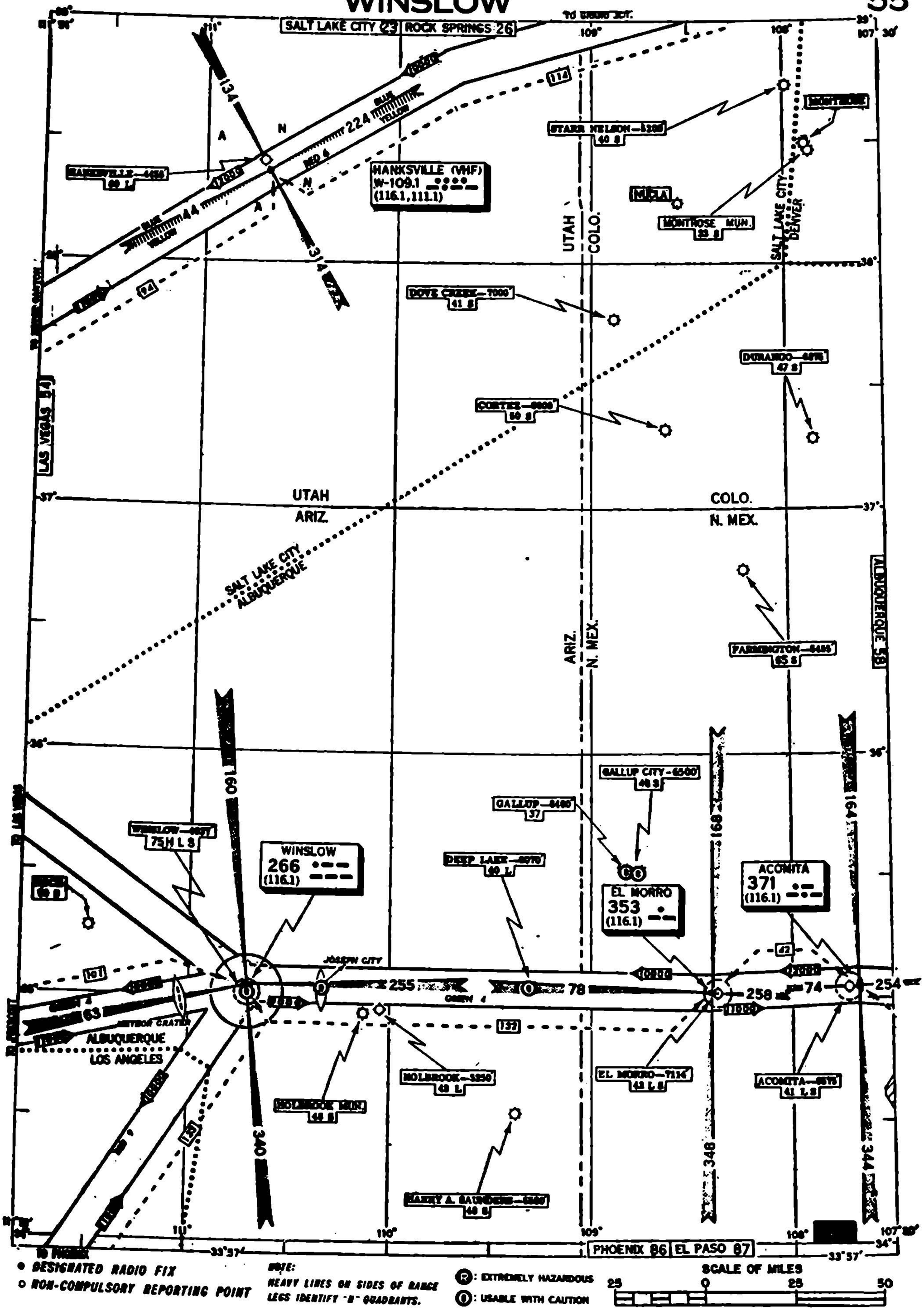
UTAH

Beaver	3.2 SSW,hwy E	6000	60	
* Bryce Canyon Int, 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
Cedar City	2.3 NW,hwy W	5660	55h L5 S6	80,91 oct.
* Enterprise Int,39	8 NNE,hwy N	5210	39 R1 L3	LA-SL
Fillmore	2 WSW,hwy SE	5008	50 S2	73 oct.
Milford,45,LA-SL	2.3 NNW,RR E	5061	37 R1 L3 S1	80 oct.
Richfield	1.8 SSW,RR E	5340	30 S4	80 oct.
St.George	1.5 SSW,riv SSE	3050	37 L2 S6	80,91 oct.Fld lgts &
* St.George Int,36, LA-DV	6 SE		50h	svcg prior req.

LAS VEGAS


ELKO 22
SALT LAKE CITY 23
TO DELTA
MILFORD - 5061'
37 L S
FILLMORE - 5006'
50 S
RICHFIELD - 5340'
30 S
NEV.
UTAH
MILFORD
320
(116.1)
BEAVER - 6000'
60
CEDAR CITY - 5660'
55 H L S
CALIENTE - 4853'
64 H
ENTERPRISE
341
(116.1)
ENTERPRISE - 5210'
39 L
BRYCE CANYON - 7580'
63 H
BRYCE CANYON (VHF)
U-108.3
(111.1, 116.1)
INDIAN SPRINGS AAF - 3123'
67 H
ST GEORGE - 3050'
37 S
UTAH
ARIZ.
ST. GEORGE (VHF)
V-108.7
(111.1, 116.1)
LAS VEGAS
206
(111.1, 116.1)
ST. GEORGE
50 H
CRYSTAL
30
MORMON MESA - 2065'
40 L
FREDONIA - 4800'
34
LAS VEGAS AAF - 1680'
85 H L - 278 (118.7, 126.18)
SKY HAVEN - 2200'
43 S
GRAND CANYON - SOUTH RIM
65 S
BOULDER CITY - 2450'
69 S
RANCH CLUB - 2200'
17
VALLE - 5980'
60 L
SILVER LAKE
269
(116.1)
SALT LAKE CITY
LOS ANGELES
ALAMO - 2000'
35 S
GOODSPRINGS
33
WILLIAMS - 6600'
41 S
INDIAN SPRINGS
SILVER LAKE - 917'
40 L
MOHAVE CO. - 2850'
34
KINGMAN AAF
65 H
ASHFORK - 5089'
41 L
NEEDLES
400
(116.1)
FORT KINGMAN - 3453'
54 S
PRESCOTT
347
(116.1)
YUCCA
60 H
DAGGETT
365
BAGDAD - 700'
40 L
NEEDLES - 990'
58 H L S
ERNEST A. LOVE - 5042'
60 H L S
CLEARWATER - 3400'
29 S
RIVERVIEW - 800'
27 S
CALIF. 18
FOR COMPLETE COVERAGE IN THIS AREA SEE CHART 83
BLYTHE 83
PHOENIX 86
SCALE OF MILES
0
25
50
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

WINSLOW


SALT LAKE CITY 23 ROCK SPRINGS 26
TO GREEN RIVER
134
224
114
44
94
314
HANKSVILLE (VHF)
W-109.1
(116.1,111.1)
STARR NELSON—5200
40 S
MONTROSE
MEEKER
MONTROSE MUN.
33 S
SALT LAKE CITY
DENVER
UTAH
COLO.
DOVE CREEK—7000
41 S
CORTEZ—6000
50 S
DURANGO—6512
47 S
LAS VEGAS 93
37°
UTAH
ARIZ.
COLO.
N. MEX.
SALT LAKE CITY
ALBUQUERQUE
ARIZ.
N. MEX.
ALBUQUERQUE 58
FARMINGTON—6495
65 S
36°
160
GALLUP CITY—6500
48 S
GALLUP—6460
37
DEEP LAKE—6070
49 L
WINSLOW—6907
75 H L S
WINSLOW
266
(116.1)
ACOMITA
371
(116.1)
EL MORRO
353
(116.1)
168
164
42
JOSEPH CITY
255
78
74
258
254
101
63
132
ALBUQUERQUE
LOS ANGELES
HOLBROOK—5250
49 L
HOLBROOK MUN.
49 S
EL MORRO—7114
43 L S
ACOMITA—6515
41 L S
340
348
344
15
HARRY A. BAUDERER—5560
49 S
110°
109°
108°
107°30'
33°57'
34°
PHOENIX 86
EL PASO 87
• DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-DTV	(4), 116.1
→ Winslow Airport			DECOMMISSIONED
NEW MEXICO			
ACOMITA (Int.)	371(AK)(116.1)	BMLZ-DTV,254°,1.9	(4), 116.1
EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-DTV,78°.0.1	(4), 116.1
UTAH			
→ HANKSVILLE Int.	109.1(HY)(111.1) (116.1)	VAR-DPV,314°,2.8	(3) on req,3117.5; 116.1,131.7,129.7

S-Simult. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.4 NE;hwy W	4200	50	
★ Deep Lake Int,54A, LA-AQ	1.5 W;hwy E	6070	40 L3	Poles S.
Holbrook	2.2 NNE;RR SE	5200	48 S6	80 oct.
★ " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L3	
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S1	Ltd 80 oct.Hills SW
Saunders, Harry A. (St. Johns)	1.1 NNW,hwy S	5560	48 S2	80 oct.25' poles NE
Window Rock(NC)	0.8 SSW;rd N	6800	52	Bluffs ENE,NNE
(P) WINSLOW	2 SW;RR N	4937	75h R1 L5 S1	91 oct.
[redacted]				
(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
Montrose Mun.	1.3 S,RR NE	5800	33 S4	80 oct.
(P) Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.

AIRPORTS — NEW MEXICO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Acomita Int,63, LA-AQ	7.8 W;hwy N	6575	41 R1 L3 S1	73,91 oct.in emerg.
Cubero (NC)	2.4 W;hwy S	6200	30	Pole line S. 11,000' mtns N.
★ El Morro Int,59B, LA-AQ	4.5 WSW;lake NW	7114	42 R1 L3 S1	Ltd 91 oct. Rough.
Farmington	1.4 NW on mesa	5495	65 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Poleline SSW
Gallup City	2.6 WSW;RR N	6500	48 S4	80 oct Poleline WSW
Indian Service (Shiprock) (NC)	1.8 SSW;riv N	5100	19	Pole line NW.
UTAH				
★ Hanksville Int,54, LA-DV	4 NE	4455	60 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post)(NC)	0.5 N hwy E	5284	30	
NEW AIRPORTS				
Montrose, (Colo.)	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla, (Colo.)	2,3 SSW;riv S	5910	36	
Aztec, (N.M.) (NC)	2.2 NW on mesa	5700	28	Emerg only.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) (NC) Not charted. → NEW OR REVISED DATA.

ALBUQUERQUE

COLORADO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Alamosa	2 S;hwy W	7550	58 L3 S4	80 oct. Fld lgts prior req.
(A) Arlington #4 (La Junta)	28 NNE	4424	70h	Arlington 3.3 WNW. CLSD. (A)
COLORADO SPRINGS Range (Peterson)	224 (CD)	166°,3.9	MRLWZ	
Costilla Co. (Mesita)	4 E;RR W	7750	75	
Creede	2 SSE;hwy NW	8800	50 S2	No fuel. Rough off strips. Data unver.
→ Cress (Westcliffe)	6 NW	8000	30 • S1	80 oct.
FOUNTAIN FM	(- - - -)	344°,32.7	FM	Pueblo
Fremont Co. (Canon City)	6.9 E;riv S	5350	49 S2	80 oct. Rnwy data unver.
Gregg (Pueblo)	6 N;RR, hwy E	5000	40 S1	80 oct.
LA JUNTA AAF Range	281 (LH)(116.1)	194°,2.6	SBMRLZ-DTV	(4); 116.1
(A) La Junta AAF (A)	4.4 NNE;rd W	4262	80h R1	TMP INACT. NO FACS.
La Junta Bridges	3 SW;hwy W	4140	30 S1	80 oct. Data unver. (La Junta
Las Animas	1.4 S;RR N	3900	28 S4	80 oct. Poles W.
(A) Las Animas (La Junta)	19 NE	4119	70h	Las Animas 5.9 SSE. CLSD (A)
Meeker Ranch	23 SSE;riv E	8500	55	(Gunnison)
Monte Vista	3.5 W;RR N	7710	55 S4	80 oct.
Nichols (Colo. Spgs)	2.8 NNE;hwy W	6200	42 S6	80,91 oct. P-line SE, NE, N
Ordway (NC)	0.9 S;RR N	4300	40	NOT MAINTAINED.
PETERSON Tower	272 (126.18)		CA	(4); 116.1, 126.18
(A) [Peterson] (Colo. Spgs)	6.3 E;hwy N	6170	85h R2 L5 S6	73,91,100 oct. No sto. (A)
Pine Valley (Colo. Spgs)	9.2 N;hwy E	6575	47 S6	80,91 oct. Poles E, W, NNW
PUEBLO Range	302 (PU) (111.1, 116.1)	340°,2.0	SBRAZ-DTV	(4); 111.1, 116.1, 122.1
(P) [Pueblo]	2.1 SW	4853	53h R1 L5 S6	80, 91 oct.
(A) Pueblo AAB (A)	7 NE;RR S	4712	88h	TMP INACT. NO FACS.
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	Pole line NE.
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 S.
Rock Mtn. (Colo. Spgs)	6 ESE	6100	35 S2	No fuel.
Royal Gorge (Canon	6.4 NW;hwy N	6320	26 S2	80,91 oct. P-lines N.
(P) Saguache City)	2 W;hwy NE	7700	48 S1	80 oct.
Salida	4 W;RR S	7500	36 S2	80 oct.
TRINIDAD Range	329 (TD)(116.1)	170°,3	SBMRAZ-DTV	(4); 116.1
Trinidad	10.5 ENE;hwy E	5756	34h R1 L1 S2	80 oct. Use rnwys only.
Valley (Silver Cliff)	0.7 ESE;hwy W	8000	40	

NEW MEXICO

Alameda (Albuquerque	7.4 N;RR E	5400	37	
ALBUQUERQUE Rng. (Kirtland)	230 (AB)(116.1)	354°,3.1	SBRAZ-DTV	(3); 116.1
Albuquerque	6.3 ESE;hwy N	5429	62	RFC surplus acft fld.
* Anton Chico Int,	4.5 SE;hwy E	5281	43 L3	78A, LA-AQ
→ Art Goebel (Belen)	3.2 W;RR E	5100	39 S1	80,91 oct.
Belen Air Strip	2.7 N;RR E	5000	30 S1	73 oct.
Clayton	1.5 E;RR S	5050	53 S2	73 oct.
CLOVIS Army Range	203 (DCV)	34°,6.2	MRAWZ	(3)
CLOVIS H Facility	526	130°,1.6	HW-DT	
→ CLOVIS AAF Tower	396 (126.18)		CA	(3); 126.18
(A) Clovis AAF (A)	6.5 W;RR N	4300	100h R3 L5 S6	73,91,100 oct.
Clovis	0.8 NW;RR S	4247	26	
(P) Crews, 42, EO-PU	11.5 SSW;hwy W	6379	60h L2	(Raton)

NEW MEXICO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
* Cuero Int, 81 B, LA-AQ	5 N	4734	40 L3	Poles W, lgtd.
Cutter-Carr #2 (Albuquerque) (NC)	3.6 NE;RR W	5120	46	Pole line ENE
Eagle Nest Lndg Strip (NC)	1 NE	8450	40	11,000' mts NE. Use in emergency
Ft. Sumner	1.5 NNE;RR S	4166	60h	
Ft. Sumner #5	16 ENE	4830	60h	
Graham-Bell	4.5 ENE	5400	27 S6	73,91 oct. (Albuquerque)
Hillcrest (Clovis)	2.1 E;RR S	4244	36 S4	73 oct. No sto. P-line S.
→ Holbrook's (Cuervo)	0.8 NE;RR S	4810	19	300' mtn SE. P-line SSE.
JUAN TOMAS FM	(- -)	71°, 18	FM	Albuquerque (NC)
KIRTLAND Tower	278 (126.18, 118.7)+		AC (ILS)	(4); 126.18, 118.7, 122.5
(A) [Kirtland] (Albuquerque) (A)	3.8 SSE;rd N	5330	103 H R3 L6 S6	73,91,100 oct. JP-1. No sto Twrs on fld.
LAS VEGAS Range	359 (VH)(116.1)	8°, 3.2	SBMRAZ-DTV	(4); 116.1
[Las Vegas]	6 NE;RR W	6857	64h R1 L5 S6	80,91 oct.
Magdalena	0.8 N;RR S	6572	48 S1	Ltd 73 oct. P-line SW.
MAXWELL FM	(- -)	170°,54	FM	Trinidad, Colo.
Maxwell (NC)	1.7 N;hwy E	6000	36	
Mountainair	1.1 NNE;RR S	6600	28	P-line N.
OTTO Range	290 (OT)(116.1)	74°,0.2	BMRLZ-DTV	(4); 116.1
* Otto Int, 74, LA-AQ	5.8 N Moriarty	6226	41 R1 L3 S1	Ltd 80,91 oct.
PERALTA FM	(- - -)	174°,11.6	FM	Albuquerque
Portales	4.5 SW;RR NNW	4200	46 S1	73 oct.
Roy (NC)	1.5 N;RR W	5900	26	PRIVATE.
SANTA FE H Fac.	206 (SJ)(116.1)		MHTV	(4); 116.1
[Santa Fe] (new)	9.8 WSW;hwy SE	6308	63h R1 L5 S1	91 oct. airlines. Poles E. Rnwy lgts on req.
Santa Fe (old)	6.3 SW;hwy E	6550	45h S6	73,80 oct.; 91 oct. in emerg
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct. No sto.
Socorro	2.5 S;hwy E	4759	60h L5	Use rnwys only.
Taos	1.7 SSW;hwy W	6956	29	Poles ENE, WSW, WNW
TUCUMCARI Range	212 (YC)(116.1)	76°, 2.2	SBMRAZ-DTV	(4); 116.1
Tucumcari	7 E;hwy, RR S	4064	51h R1 L5 S6	80,91,100 oct.
Wagon Mound	0.6 WNW;RR E	6500	21	Fence N; mtns SE, W.
West Mesa (Albuquerque)	3.8 W;hwy S	5100	60 S6	73, 80 oct.

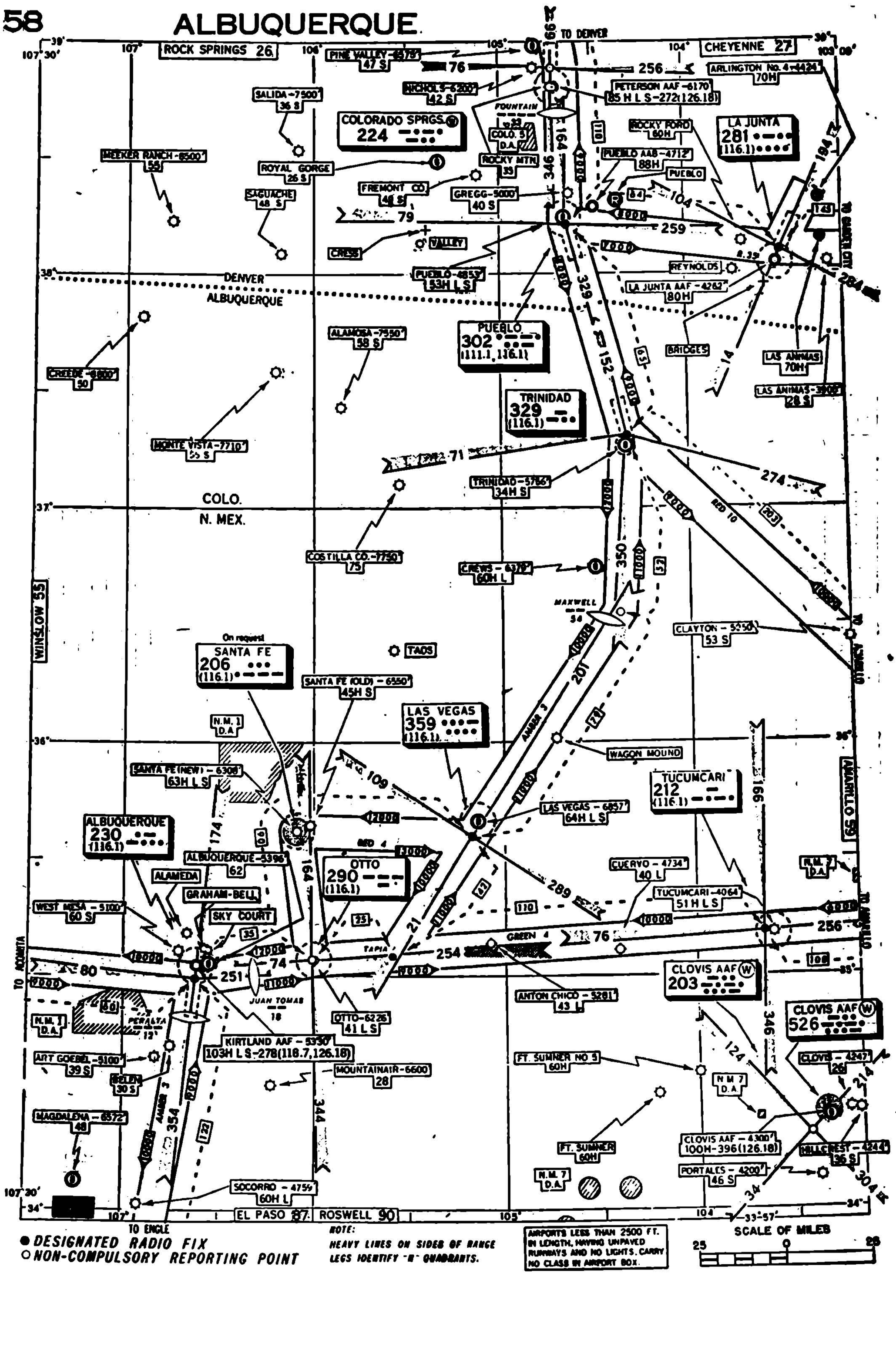
INSTRUMENT LANDING SYSTEMS (Localizer and Glide Path in mcs, Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ CLOVIS AAF (A)				DECOMMISSIONED		
→ KIRTLAND	110.3	335	349°	IM-	MM- .-.-(0.66)	OM- --(4.32)
					MMK-	OMK-248 --.-

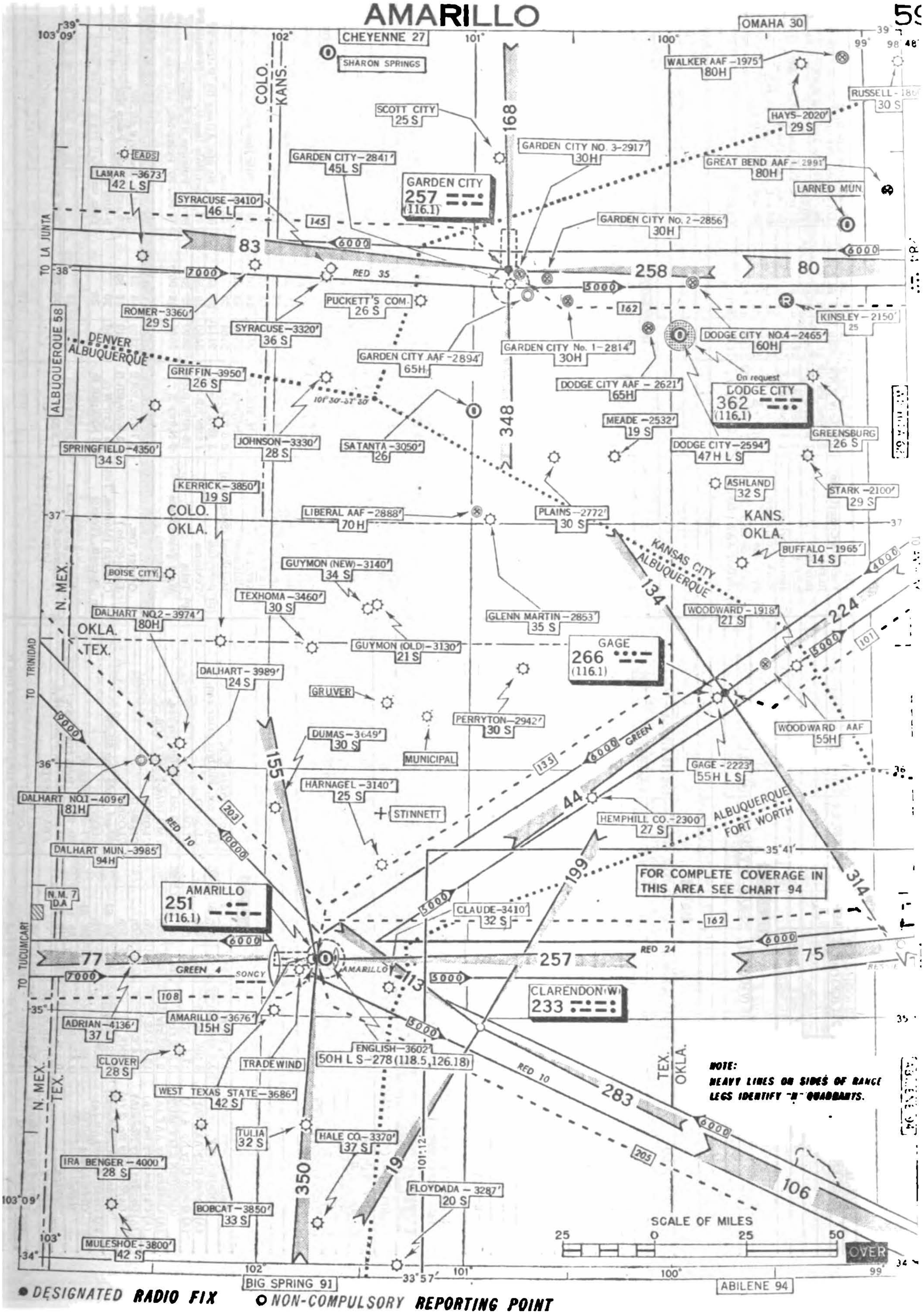
NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range **Station Location Marker.** (3)-3105,4495,6210 **kcs.** (4)-3105,4495,6210,3117.5 **kcs. Parenthetical Numbers in** Frequency Column indicate VHF Voice.
+Army A.C.S. **transmits on and guards 116.1, 127.88,** 140.58 mcs. *** Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV)**
→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.

ALBUQUERQUE



AMARILLO



● DESIGNATED **RADIO FIX** ○ NON-COMPULSORY **REPORTING POINT**

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

[redacted]

KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DODGE CITY	362 (OD)(116.1)	MHTV	(4) -116.1
GARDEN CITY (Mun)	257 (GK)(116.1)	SBRAZ-DTV;168°,3.7	(4):116.1
OKLAHOMA			
GAGE	266 (VM)(116.1)	SBRAZ-DTV,224°,2.1	(4): 116.1
TEXAS			
AMARILLO	251 (AQ)(116.1)	SBRAZ-DTV,77°,2 to English Fld	(3);116.1,122.1
AMARILLO LFM	(-)	LFM, 77°, 4.9	Amarillo
CLARENDON	233 (CP)	MRLW	
ENGLISH FIELD (Amarillo)	278 (118.5) (126.18)	AC (ILS)	(4):126.18,118.5,122.5
SONCY FM	(- - -)	FM, 257°, 11.5	Amarillo

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
→ ENGLISH	110.3	335	209°Mag.	IM-	MM- ·–·–(0.62)	OM- ––(5.92)	
					MMK-	OMK- 293	–·–·

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (D)-3105, 4495, 6210 kcs; (4D)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Griffin (Walsh)	0.7 N,RR S	3950	26 S6	80 oct. Poles S.
(P) Lamar,10,PU-WD	3.7 WSW,RR N	3673	42 L3 S2	80 oct
Romer (Holly)	1.5 SSE,riv N	3360	29 S1	Ltd 80 oct. Pole line SW, NW.
(P) Springfield, Com.	3.8 N,hwy W	4350	34 S1	73 oct. Poles NW, W, SW.
(P) Trading Post (Kit Carson) (NC)	0.8 NW,crk E	4290	40	PRIVATE. Pole line S.

KANSAS

Ashland	1 E, RR S	1940	32 S2	80 oct. Poles S, E.
DODGE CITY	3.5 ENE,RR SE	2594	47h R1 L3 S6	80,91 oct. Fld lgts prior req.
(A) Dodge City AAF (A)	6 NW, RR S	2621	65h	CLOSED
(A) Dodge City No. 4 (A)	17.4 NNE	2465	60h	CLOSED
GARDEN CITY MUN.	3.3 E,riv S	2841	45 R1 L3 S6	73,80 oct. Fld lgts on req.
(A) Garden City AAF (A)	9 ESE,riv S	2894	65h	TMP INACT NO FACS.
(A) Garden City No. 1 (A)	19.5 ESE	2814	30h	CLOSED
(A) Garden City No. 2 (A)	13.4 E	2856	30h	CLOSED
(A) Garden City No. 3 (A)	6 ENE	2917	30h	CLOSED
Glenn Martin(Liberal)	2 ESE,hwy SW	2853	35 S2	80 oct. Pole line SE,SW.
(A) Great Bend AAF (A)	4.5 WSW	1891	80h	CLOSED
Greensburg	1 ESE,RR N	2230	26 S1	80 oct. Poles N.
Hays	1.5 E,RR S	2020	29 L S6	80, 91 oct. Port rnwy lgts.
Johnson	0.5 N,hwy W	3330	28 S6	80 oct. Pole line N,NW,NE,S.
→ Kinsley	1.5 SSE,riv SE			ABANDONED.
Larned Mun. (Kans.)	1.6 NNE;RR SE	2012	33 S6	80,91 oct.
(A) Liberal AAF (A)	1.5 WNW	2888	70h	CLOSED
Meade	3 ESE,hwy N	2532	19 S2	80 oct. Use strips only. Pole line N.

KANSAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Plains	1.3 NNE,hwy N	2772	30 S2	80 oct. Pole line S, E.
Pucketts Com.(Lakin)	5.5 S,riv N,NW	3050	26 S1	Ltd 80 oct. Trees N.
Russell	2.7 ESE,RR NE	1860	30 S4	80 oct. No sto. Poles N,S,NE.
Satanta	1 N,RR S	3050	26 S2	80 oct.
Scott City	1.3 ESE,hwy N	2980	25 S1	73 oct. Pole line N,NE,NW,SW.
Sharon Springs	1.2 NNW,RR S	3500	32 S1	80 oct. Pole line E.
Stark (Coldwater)	0.7 NE,RR SE	2100	29 S2	80 oct. Poles N,S,E,SE,NE.
Syracuse	1 N,riv S	3320	36 S2	80 oct. Pole line S,SE.
★ Syracuse Int,16,PU-WD	3.7 NNE,hwy W	3410	46 L3	
(A) Walker AAF (Hays)(A)	12.5 E,hwy S	1975	80h	CLOSED
OKLAHOMA				
Buffalo	0.6 NW,crk N	1965	14 S2	80 oct.
(P) Gage	1.8 SW,riv N	2223	55h R1 L5 S1	80 oct.
(P) Guymon (new)	3 SW,hwy N	3140	34 S6	73, 80 oct. Pole lines N, E.
Guymon (old)	0.7 S,RR,hwy W	3130	21 S6	73 oct. Pwr line N, S. No sto.
(A) Woodward AAF(A)	7.5 W,hwy S,E	2187	55h	CLOSED
Woodward (mun.)	1.5 SE,hwy W	1918	21 L1 S6	80 oct.
TEXAS				
★ Adrian Int,92B,LA-AQ	4.2 SSE,RR N	4136	37 L3	
Amarillo	6 ENE,RR NW	3676	15h S6	73 oct. Pole line N,S.
Bobcat (Dimmitt)	1.5 E,RR W	3850	33 S2	73 oct.
Claude	1.2 WNW,RR N	3410	32 S1	73 oct. Pole line S,N,NW.
Clover (Hereford)*	2.2 NNE,hwy S	3800	28 S2	73 oct. Pole line N,E,SE.
Dalhart	6.2 SSE,RR E	3980	24 S6	73 oct.
Dalhart mun.	3 8 SSW;RR N	3989	94h	
(A) Dalhart No. 1 (A)	9.7 WSW;RR,hwy E	4096	81h	TEMP INACT. NO FACS.
Dalhart No. 2	5.5 NE,hwy NW	3974	80h	
(P) Dumas	0.7 S,hwy W	3649	30 L S2	73 oct. Poles N.
(A) ENGLISH (Amarillo)	9 ENE,RR N	3602	50h R3 L6 S6	80,91 oct;100 oct Army. P-line N,NW.
Floydada	1.2 NNW,RR N	3287	20 S1	80 oct. Pole line S. RR SW.
(P) Hale Co. (Plainview)	1.6 S,hwy E	3370	37 S6	80,91 oct.
Harnagel (Borger)	2.5 SSW,RR N	3140	25 S2	80 oct. Use strips. RR E.
Hemphill Co.(Canadian)	1.5 SW, riv N	2300	27 S2	Ltd 73 oct.
Ira Benger (Friona)	1.8 NE,RR S	4000	28 S2	73 oct.
Kerrick	1.5 N, RR SW	3850	19 S1	80 oct. Pole line SW.
Muleshoe	1 ENE,hwy N	3800	42 S1	73 oct.
Municipal (Spearman)	0.8 NW,RR SE	3104	30	Pole line.
(P) Perryton	3 ENE,hwy N	2942	30 S4	80 oct. No sto. Allway fld. P-line SE.
Texhoma	1 SSW,RR N	3460	30 S2	73,91 oct. Pole line N. Wdmill SW
(P) Tulia	1.5 NNW,RR W	3500	32 S1	80 oct. Poleline NE,E,SE.
West Texas State (Canyon)	3 N,hwy E	3686	42 S6	73 oct. 20' Poles SE.
NEW AIRPORTS				
Gruver,Tex.	0.7 WNW,RR E	3200	40 S1	80 oct. P-line W,E,SE,SW.
Eads (Colo.)	1.3 WSW;RR N	4210	46 S6	80 oct. No sto. Poles NE
Cochran (Morton, Tex.)	1.5 E;rd W	3750	30	P-line E,S.
→ Stinnett, (Texas)	0.6 NNE;RR E		30	Data unver.
Boise City, (Okla.)	3 N;hwy W	4200	33	
Tradewind (Amarillo,Tex.)	1.5 SE	3636	30 S6	Data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) (NC)-Not charted. → NEW OR REVISED DATA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Abilene	1.7 WSW;RR N	1100	29 S6	80 oct. Trees E; p-line SE.
ANTHONY H Facility	382(AY)(116.1)		MHTV	(4); 116.1
(P) Anthony, 24, AQ-KC	3 WNW;hwy S	1339	48 R1 L3 S6	73, 91 oct.
Arkansas City	3.5 S; RR W	1067	28 S6	73, 91 oct.
Arther Airfield (Wichita)	3 SW; RR N	1290	26 L S6	73,91 oct. No sto. Port lgts. Poles S.
Baird (Arkansas City)	4 W;hwy S	1100	17 S2	73 oct. P-line S,SW.
Beech (Wichita)	6 E; hwy N	1378	46h	Factory use only.
Caldwell	1.2 E; RR W	1140	21 S2	73 oct. Poles E, S.
Cannon Ball (Wichita)	6.5 WSW;hwy N	1300	24 S6	80 oct. No sto. P-line N.
➔ CASSODAY				DECOMMISSIONED.
★ Cassoday Int, 34, AQ-KC	1 SSE; hwy W	1480	32 L3	Twrs S.
Cessna Aircraft (Wichita)	4.5 SE;hwy W	1369	53 S2	80 oct.
Clothier (Cedar Point)	4 SSW;creek E	1320	20 S2	73 oct.
Culver (Wichita)	4 N; hwy W	1320	15h	
Derby	1 NNE; RR W	1305	24 S1	73 oct. Poles N.
El Dorado	3.6 SE;hwy W	1400	25 S6	80 oct. Soft, wet weather.
Ellinwood	1.5 NW;RR S	1790	26 S1	73 oct. Poles N.
Emporia	5.4 S; hwy E	1200	26 S6	80 oct. Poles E,SE,NE
➔ Eureka	2 E; RR N	1100	26 S1	80 oct Hi-line S Data unver.
Frasier (El Dorado)	2.5 S; riv W	1300	25 S6	80 oct. Poles E, NE.
Giffin-Orton (Hoisington)	1.3 NE;hwy S	1870	25 S2	80 oct. Poles S.
Great Bend Airpark	1.6 NNE;RR W	1850	26 S2	80 oct. Poles W.
➔ Herrington	1.5 SE;RR W	1450	27 S6	80 oct. Pole line N.Data unver.
(A) Herington AAF (A)	7.5 ENE	1485	69h	CLOSED.
Hilltop (Augusta)	2 NE;RR SE	1260	20 S1	73 oct.
Holyrood	0.5 ESE;RR N	1820	17 S1	73 oct. Poles N.
HUTCHINSON Range	284 (HN)(116.1)	350°,3.1	SBMRLZ-DTV	(4); 116.1
Hutchinson, com.	5.5 W;riv NE	1505	20 S4	80 oct.
(P) Hutchinson (Mun.)	4 ENE;hwy S	1542	70h R1 L5 S6	80, 91 oct.
(N) Hutchinson NAS (N)	8.9 S;RR NNE	1582	70h	INACTIVE.
Janssen Skytel (McPherson)	1.5 SW;hwy N	1500	22 S6	80 oct. Hi-line W; poles E.
KECHI FM	(- - - -)	341°,10.6	FM	Wichita
Ken-Mar (Wichita)	3 ENE; RR N	1375	23 L S6	80 oct. No sto. Port rnwy lgts. Obsts.
Kingman	1.5 NNW;RR SW	1600	26 S1	73 oct. Trees S, SW.
Kiowa Flying Service (Kiowa)	2.5 WNW;RR S	1375	19 S1	80 oct. P-line NNW,SSW
Lyons	1.4 W;hwy N	1950	26 S6	80 oct. P-line N
McPherson	4 NNE;RR W	1500	26 S6	80 oct. Soft when wet.Poles E
(P) Marion	1.8 ESE;RR W	1370	36 S2	80 oct. Pole line SE.
Medicine Lodge	2.1 SE;RR S	1520	33 S2	80 oct.
Moundridge	2.2 WNW;RR NE	1485	17 S2	Ltd 80 oct. Poles W.
(N) Newton OLF (N)	4 ENE;rd S	1527	70h S6	80,91 oct. P-line W,N.
OXFORD FM	(- -)	167°,27	FM	Wichita
Pratt Mun.	2.5 ENE;hwy S	1916	25 S6	73, 80 oct.
(A) Pratt AAF (A)	4 N; hwy E	1960	80h	CLOSED
Rawdon (Wichita)	6.7 E; hwy S	1396	26 L S6	73 oct. Port rnwy lgts.
Riverside (Wichita)	4 NNW;riv E	1310	26 S1	80 oct. Poles sur fld.
SALINA Range	108.3 (NS)		VARW	
Salina	2.5 SE;riv W	1275	26 S6	80, 91 oct.
Sky Village (Salina)	6.6 WSW;RR SE	1270	20 L S2	80 oct. Port rnwy lgts. Pole line S.
SMOKY HILL Army Range (Salina)	344 (DSN)	170°,5.05	BMRLZ-DT	(4)
➔ SMOKY HILL AAF Tower	396 (126.18)		CA (ILS-W)	(4); 126.18
(A) Smoky Hill AAF (Salina) (A)	4.5 SW;RR E	1289	100h R3 L5 S4	73,91,100 oct. No sto.
(A) South (Winfield) (A)	14 SSW	1230	40h	CLOSED.
Stafford	2.6 WSW;RR N	1889	26 S6	80, 91 oct. Poles N, S.
Strickland (Hazelton)	2.6 E; RR S	1310	26 S6	73, 80 oct. Poles E, N.
(P) Strother (Winfield)	5 SSW;hwy S	1150	58h	
TOWANDA FM	(-)	46°, 18.8	FM	Wichita
University (Wichita)	5 NE;RR N	1350	27 L S6	80,91 oct, Port rnwy lgts. Pole line E.
VIOLA FM	(- - -)	226°,24.7	FM	Wichita
Walters (Sedan)	8 N;hwy W	1000	26	PRIVATE.
Wellington	3.5 N;RR W	1290	23 S2	80 oct. Pole line W,E,S.
WICHITA Range	332(WD)(116.1)	167°,1.0	SBRAZ-DTV	(3); 116.1
WICHITA Tower	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(NG) [Wichita]	5.3 SE; hwy W	1373	75h R3 L6 S6	80,91 oct. 100 oct. for Army Pole N.
Wilson (Wichita)	7.5 NE;RR N	1410	29 S6	73 oct. No sto.
Winfield	2 E;RR S	1200	22 S2	73 oct. Lgt acft only. Pwr line
Wright Airpark (Abilene)	1 SSE;riv S	1150	13 S1	80 oct. Trees S, E. N
OKLAHOMA				
Alva	1.4 S; RR N	1320	26 S6	80 oct.
Bartlesville	4 E; rd S	720	34 S6	80 oct.
Blackwell	1.7 W;RR N	1000	32 L4 S6	80 oct.
Brown (Tulsa)	6 SE	735	31 L S6	80,91 oct. Port rnwy lgts. Pole
Central (Edmond)	2.6 NNE;RR W	1211	24 S1	73 oct. NW.
Commercial (Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct. Trees SW.
(P) Cushing	2 S; RR E	913	52h L5 S6	73, 80 oct.
➔ ENID Army Range				DECOMMISSIONED
➔ ENID AAF Tower				DECOMMISSIONED
(A) Enid AAF (A)	4 SSW; RR E	1287	56h	TMP INACT. NO FACS.
(A) Great Salt Plains (Jet) (A)	6 NNE;dam 1 N	1200	55h L5	
★ Guthrie Int, 21, FV-WD	2 SSE;hwy W	1052	26 L3 S6	80 oct.
Jimmie Ray (Cherokee)	1.5 E;RR SW	1200	26 S1	80 oct. Trees S.
Kell-Air (Thomas)	1.2 SW;RR N	1730	24 S2	80 oct.
Kingfisher	1.3 NW;RR W	1060	24 S6	73 oct.
Kittenbrink (Jefferson)	2 E; RR W	1100	23 S2	80 oct. Trees N.
Mauks (Blackwell)	2.7 S;hwy W	987	26 S4	80 oct. Pole line E.
Newkirk Skypark	2.5 SE;RR SW	1140	32	Pole line N, NW.
North (Enid)	3.8 N; RR E	1265	26 S6	80 oct.
Pawhuska	3.8 W;RR E	1000	27 L S1	80 oct. Port rnwy lgts. P-line
(A) Perry (A)	6.6 N;hwy W	1008	52h	CLOSED. NE.
PHILLIPS Tower	278		CI	3105 (on request)
Phillips (Bartlesville)	1.7 WNW;hwy S	750	35h R1 L4 S2	80, 91 oct.
PONCA CITY H Facility	368 (PC)(116.1)		MHTV	(4); 116.1
(P) [Ponca City]	2.3 NNW;RR S,E	998	36h R1 L4 S6	73,87 oct. Antenna between twr and hangar, lgtd.
RED ROCK FM	(- - -)	225°,13.7	FM	Tulsa
Sapulpa	1.5 ENE;RR W	730	26	Pole line S.
SKIATOOK FM	(- - - -)	298°,17.8	FM	Tulsa
(P) Stillwater #1	3.2 NNW;hwy E	985	50h L3	
Stillwater #2	5.6 SSE;hwy W	980	29 S6	73,80 oct.
★ Stroud Int, 29A, AQ-LS	3 N; hwy W	883	27 L3	Pole line W lgtd.
Tonkawa	1.6 S;riv NW	1000	25 S1	73 oct. Pole line S,E.
TULSA Tower	278(126.18,118.5)		AC (ILS)	(4);118.5,126.18,122.5
(A) [Tulsa]	6.2 NE;RR S	674	71h R3 L5 S6	73-91 oct.73,100 oct.Army.
Tulsa North (Tulsa)	4.5 NNW;RR E	700	25 S2	80, 87 oct. Poles S,SW, SE
University (Langston)	1 S; road N	1025	26	Bldg SE corner.
Watonga	1.2 NW;riv SW	1460	16 S6	80 oct. Poles S.
White Brothers (Lamont)	2 WSW;RR E	1000	25 S1	73 oct.
(P) Woodring (Enid)	5 ESE;RR NW	1159	65h L S2	80 oct. Port rnwy lgts prior req

INSTRUMENT LANDING SYSTEMS *(Localizer and Glide Path in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SMOKY HILL (A)	109.9	333.8	123°	IM- (0.19)	MM- ..... (0.89)	OM- -- (4.20)
					MMK-	OMK-
TULSA	110.3	335	354°	IM-	MM- .-.- (0.65)	OM- -- (4.82)
					MMK-	OMK- 263 —
WICHITA	110.3	335	3°	IM- ..... (0.05)	MM-	OM- -- (5.37)
					MMK-	OMK-

NEW OR REVISED DATA

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4405,6210 kcs. (4)-3105,4405,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+ Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs. ' * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV)
➔ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.

62 WICHITA

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.

96°48' 95°52' 39° 38° 37°30' 37° 36°30' 36° 35°41'

10 0 10 20 30 STATUTE MILES

AKRON 309 · DENVER KANSAS CITY · 80 · CONTROLLED GOLF BETWEEN 6000 AND 8500 FT. M.S.L. · A N 251 BLUE YELLOW · WRIGHT · OMAHA 30 · RED 1 · 3000 · 165 · KANSAS CITY · 260 · BLUE YELLOW · 71 · SKY VILLAGE · SALINA · ABILENE

SMOKY HILL AAF 344 · D. A. · SMOKY HILL AAF 396 (126.18) · SALINA (VHF) U-108.3 Ⓦ Ⓡ · HERINGTON AAF · HERINGTON · 135 · D. A. · HOLYROOD · GIFFIN-ORTON · 341 · 350

McPHERSON · ELLINWOOD · LYONS · JANSSEN · MARION · EMPORIA · LEBO · 311 · 4000 · 47 · 63 · GREAT BEND ARPK · HUTCHINSON 284 (116.1) Ⓡ · 188 · MOUNDRIDGE · 161 · CLOTHIER

HUTCHINSON COM. · HUTCHINSON MUN. Ⓞ · NEWTON OLF · CASSODAY · 226 · 3000 · 162 · 6000 · GARDEN CITY 257 · 258 · 80 · NEWTON · 260 · RED 35 · 5000 · NAS, HUTCHINSON Ⓞ · 28 · 25 · 32 · EL DORADO · 95 · EUREKA · CHANUTE 227 · STAFFORD · KECHI 11 · TOWANDA 19 · WILSON · CULVER · RIVERSIDE · UNIVERSITY · KEN-MAR · CANNON BALL · ARTHER · EL DORADO · FRASIER · HILLTOP · BEECH · RAWDON · CESSNA ACRFT. · WICHITA 278 (118.7, 126.18) · DERBY

PRATT AAF · PRATT MUN. · KINGMAN · WICHITA 332 (116.1) · VIOLA 25 · GREEN 4 · 4000 · 8 · 46 · 64 · 42 · WELLINGTON · AMARILLO 59 · TULSA 63

MEDICINE LODGE · OXFORD 27 · WINFIELD · WALTERS · 347 · STROTHER · STRICKLAND · ANTHONY · ANTHONY · BAIRD · SOUTH · ARKANSAS CITY · KANSAS CITY ST. LOUIS · KIOWA · CALDWELL · PORTLAND · KANS. OKLA.

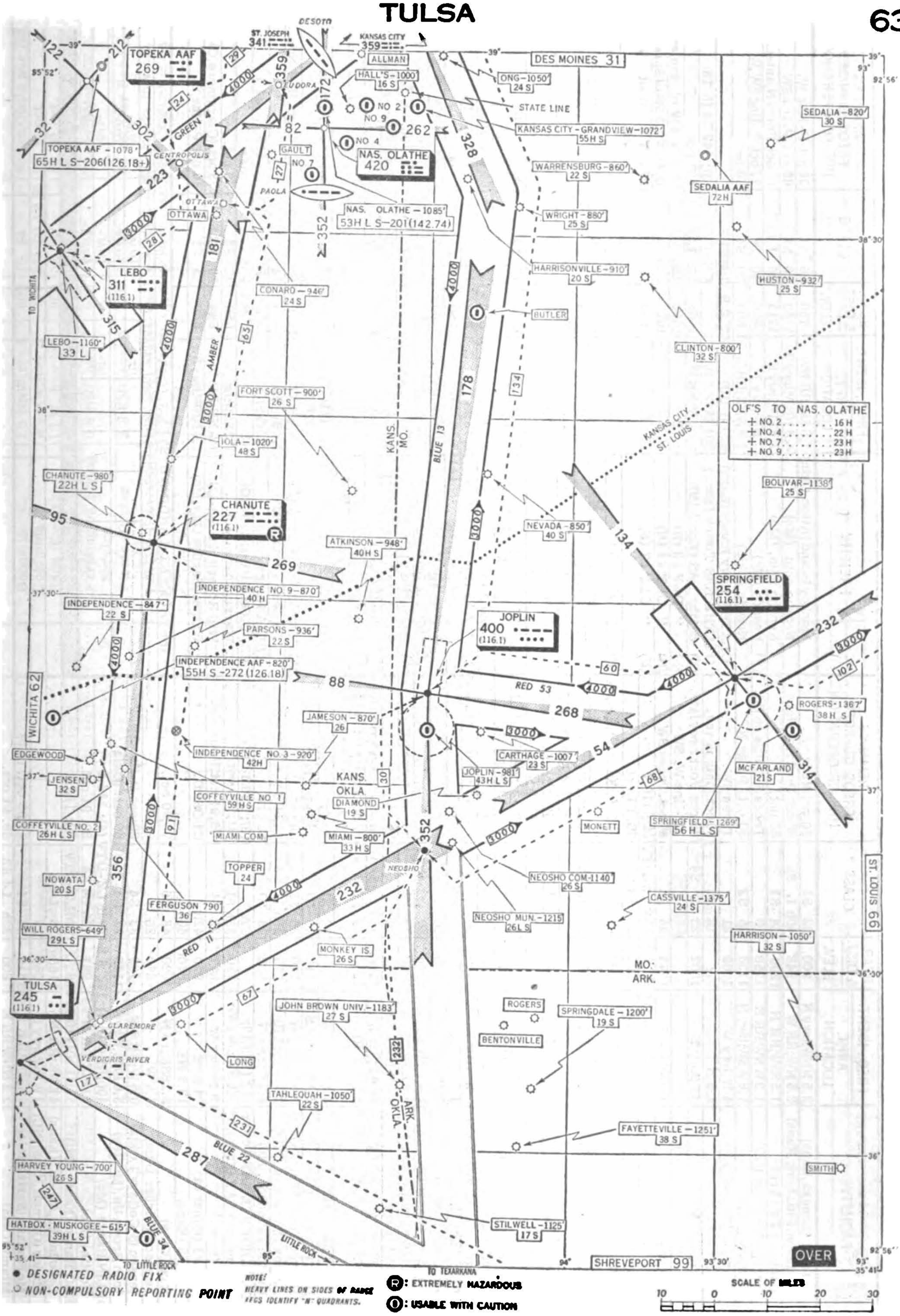
ANTHONY 382 (116.1) On request · GAGE 266 · 224 · 101 · BLACKWELL · NEWKIRK · 4000 · 95 · BARTLESVILLE · PHILLIPS 278

GREAT SALT PLAINS BOMBING RANGE AAF · ALVA · JIMMIE RAY · KITTENBRINK · WHITE BROS. · MAUKS · TONKAWA · PONCA CITY On request · PONCA CITY 368 (116.1) · BLUE 5 · 118 · BLUE 22 · TULSA 245 · 3000 · PAWHUSKA · TULSA 278 (118.5, 126.18) · SKIATOOK 18

NORTH · WOODRING · ENID AAF · PERRY AAF · 180 · 116 · TULSA NORTH · STILLWATER NO. 1 · RED FORK 14 · STILLWATER NO. 2 · 4000 · SAPULPA · BROWN · COMMERCIAL · CUSHING · UNIVERSITY · AMBER 4 · 45 · 94 · OKLAHOMA CITY 350 · 3000 · KANSAS CITY FORT WORTH · WATONGA · KINGFISHER · GUTHRIE · STROUD · KELL AIR · CENTRAL · 97° · 96°30' · TO NEWALLA

ABILENE 90 | FORT WORTH 95

OVER


DESOTO
ST. JOSEPH
341
KANSAS CITY
359
ALLMAN
DES MOINES 31
TOPEKA AAF
269
HALL'S-1000
16 S
ONG-1050
24 S
STATE LINE
SEDALIA-820
30 S
NO 2
NO 9
262
KANSAS CITY-GRANDVIEW-1072
55H S
TOPEKA AAF-1078
65H L S-206(126.18+)
GAULT
NO 7
NO 4
NAS. OLATHE
420
WARRENSBURG-860
22 S
SEDALIA AAF
72H
PAOLA
OTTAWA
NAS. OLATHE-1085
53H L S-201(142.74)
WRIGHT-880
25 S
LEBO
311
(116.1)
HARRISONVILLE-910
20 S
HUSTON-932
25 S
CONARO-946
24 S
BUTLER
LEBO-1160
33 L
CLINTON-800
32 S
FORT SCOTT-900
26 S
OLF'S TO NAS. OLATHE
NO. 2 . . . . . 16 H
NO. 4 . . . . . 22 H
NO. 7 . . . . . 23 H
NO. 9 . . . . . 23 H
IOLA-1020
48 S
KANSAS CITY
ST. LOUIS
BOLIVAR-1138
25 S
CHANUTE-980
22H L S
CHANUTE
227
(116.1)
NEVADA-850
40 S
ATKINSON-948
40H S
SPRINGFIELD
254
(116.1)
INDEPENDENCE NO. 9-870
40 H
INDEPENDENCE-847
22 S
JOPLIN
400
(116.1)
PARSONS-936
22 S
INDEPENDENCE AAF-820
55H S-272(126.18)
ROGERS-1367
38 H S
JAMESON-870
26
CARTHAGE-1007
23 S
EDGEWOOD
INDEPENDENCE NO. 3-920
42H
JOPLIN-981
43H L S
MCFARLAND
21 S
JENSEN
32 S
KANS.
OKLA.
COFFEYVILLE NO. 1
59 H S
DIAMOND
19 S
COFFEYVILLE NO. 2
26H L S
MIAMI COM
MIAMI-800
33 H S
MONETT
SPRINGFIELD-1269
56 H L S
TOPPER
24
NEOSHO
NEOSHO COM-1140
26 S
NOWATA
20 S
FERGUSON 790
36
CASSVILLE-1375
24 S
NEOSHO MUN.-1215
26 L S
WILL ROGERS-649
29L S
HARRISON-1050
32 S
MONKEY IS.
26 S
MO.
ARK.
TULSA
245
(116.1)
ROGERS
SPRINGDALE-1200
19 S
BENTONVILLE
JOHN BROWN UNIV.-1183
27 S
CLAREMORE
VERDIGRIS RIVER
LONG
TAHLEQUAH-1050
22 S
ARK.
OKLA.
FAYETTEVILLE-1251
38 S
SMITH
HARVEY YOUNG-700
26 S
HATBOX - MUSKOGEE-615
39H L S
STILWELL-1125
17 S
TO LITTLE ROCK
TO TEXARKANA
SHREVEPORT 99
OVER
WICHITA 62
ST. LOUIS 66
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF BLUE AIRWAYS IDENTIFY "N" QUADRANTS.
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

TULSA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Allman (Lenexa,Kans)	2.5 NNW;hwy N	900	22 S1	80 oct.Hedge E.
(P) Atkinson(Pittsburg,Kans)	2.5 NW;RR W	948	40h L S6	80 oct.Port rnwy lgts.
Bentonvi lle (Ark)	1.5 SSW;RR N	1200	24 S1	80 oct.
Berryville (Ark) (NC)	1.3 WNW;RR E	1150	13	Trees S.Cattle on fld.
Bolivar (Mo)	1.8 WSW;hwy N	1138	25 S2	80 oct. Poles N.
Branson (Mo) (NC)	4 W;hwy W	1069	21	Trees SW.
→ Butler (Mo)	1.5 N		18 S2	80 oct.Data unver.
Carthage (Mo)	2 S;hwy E	1007	23 L S4	80 oct.Port rnwy lgts. P-line W, SW
Cassville (Mo)	3.9 S;hwy E	1375	24 S2	80 oct.Trees SW.
CHANUTE Range (Kans)	227(CZ)(116.1)	304°,2.5	SBRAZ-DTV	(4); 116.1
Chanute (Kans)	2 WSW;hwy NW	980	22h L4 S6	80, 91 oct.
(P) Clinton (Mo)	2 NE;RR SE	800	37 S4	80 oct.Poles SW,S,E,N
Coffeyville,Mun.#1 (Kans)	5 NNE	743	59h S2	80 oct.
Coffeyville Mun.#2 (Kans)	2 NW;riv E	880	26h L3 S6	80 oct.Poles NW;hi-line SW.Use rnwys only.
Conard (Ottawa,Kans)	3.8 NNE;RR S	946	24 S1	80 oct.P-line N;hedge S
DE SOTO FM (Kans)	(- - -)	224°,19.6	FM	Kansas City, Mo.
Diamond (Mo)	2.1 SSW;RR S	1150	19 S2	80 oct.P-line N,NE,SE.
Edgewood (Coffeyv'l,Kans)	2.5 WNW;RR E	745	25 S1	80 oct.P-line E,S.
(P) Fayetteville (Ark)	3.8 S;RR W	1251	38 S6	73 oct.
Ferguson(Coffeyville,Ks)	5 E;RR NW	790	36	Poles S.(Coffeyv'l,Kans
Fort Scott (Kans)	4.5 SW;hwy S	900	28 S2	80 oct.
Fredonia Mun. (Kans)	3 NNE;RR E	880	26 S1	80 oct.
Gardner (Kans) (NC)	1.4 WSW;hwy S	1070	39	
Gault (Wellsville,Kans)	0.8 ESE;RR N	1020	20 S1	80 oct. Trees E.
Girard (Kans)	1.7 WNW;RR E	950	14	Trees E.
(P) Grandview (Kansas City, Mo)	16.4 S;RR E	1072	55h L5 S2	80,91 oct.Fld lgts prior req
Hall's (Olathe, Kans)	2.6 SSE;RR W	1000	16 S2	73 oct.Cattle on fld. Pole line N.
Harrison (Ark)	4.1 NW;RR S	1050	32 S1	80 oct.
Harrisonville (Mo)	2.1 W;RR N,S	910	20 S1	73 oct. Fld rough.
Harvey Young (Tulsa,Okla)	8.8 E;hwy N	700	26 S6	80 oct.
Hatbox (Muskogee,Okla)	2.7 W;fork RRs	615	39h L3 S6	73,80 oct.All lgts prior req
Huston (Windsor, Mo)	4.3 E;hwy N	932	25 S1	80 oct.
INDEPENDENCE AAF Tower	272 (126.18)		CA	(3); 126.18 (7-19)
(A) Independence AAF (Kans) (A)	5.5 SW;hwy W	820	55h S1	91,100 oct.
" (Kans.)	5 N;hwy W	847	22 S4	73,91 oct.P-line W.
(A) " #3 (Kans) (A)	24 ESE	920	42h	CLOSED.
" #9 (Kans)	12.5 NE	870	40h	
(P) Iola (Kans)	3.2 SSE;rd N	1020	48 S6	73,80 oct.
Jameson (Picher,Okla)	4.5 W	870	26	
Jensen (S.Coffeyv'l,Okla)	0.5 W;RR S,E	735	32 S4	80 oct.P-line SE.
John Brown Un.(Mosley)	3.6 ESE;hwy S	1183	27 S4	80 oct. (Okla)
JOPLIN Range (Mo)	400(JH)(116.1)	172°,6.2	BMRLZ-DTV	(4); 116.1
(P) Joplin (Mo)	5 NNE;RR N	981	43h L4 S4	80, 91 oct.
LEBO Range (Kans) (Int.)	311(LN)(116.1)	336°,0	BMLZ-DTV	(4); 116.1
* Lebo Int,39,AQ-KC (Kans)	4 ENE;RR N	1160	33 L3	
Mader (Garnett,Kans)(NC)	2 WNW;hwy S	1060	26	
McFarland (Springfield)	4 SSE;RR E	1310	21 S4	73,80 oct. (Mo)
(P) Miami (Okla)	2.2 NNW;RR E	800	33h L4 S2	80, 91 oct.
Monett (Mo)	0.5 NE;hwy S	1462	24 S2	80 oct.
Monkey Island (Afton,Okla)	7.8 SE;RR NW	750	26 S1	80 oct.P-line W.
Neosho com. (Mo)	4.8 NNW;hwy W	1140	26 S1	80 oct.Poles SW.
Neosho mun. (Mo)	2.8 SW;hwy E	1215	26 L3 S2	80 oct.Poles N,antenna
(P) Nevada (Mo)	3 NE;hwy N	850	40 S4	73 oct.P-line SW,W. E
Nowata (Okla)	1.6 NNE;RR W	600	20 S1	80 oct.
OLATHE Navy Range (Kans)	420 (NUU)	352°,2.9	BMRLZ	
OLATHE NAS Tower (Kans)	201 (142.74)		CN (GCA)	(3); 142.74 (8-18)
(N) Olathe NAS (Kans) (N)	5.2 SW;RR W	1085	53h L5 S6	100 oct.
(N) " OLF #2 (N)	5 SE	1090	16h	INACT.4 W of Stanley
(N) " OLF #4 (N)	10 S	1090	22h	INACT.1.3 SE of Spring-hill
(N) " OLF #7 (N)	16 SSW	940	23h	INACT 4.3 W of Hillsdale.
(N) " OLF #9 (N)	11 SE	1070	23h	INACT.1 N of Stillwell
Ong (Kansas City, Mo)	9 SE;hwy NE	1050	24 S6	73,80 oct.P-line N,W
→ Ottawa (Kans)	5.3 S;RR W	975	34 L S6	80 oct.Port rnwy lgts.
PAOLA FM (Navy)(Kans)	(. - - -)	172°,12	FM	Olathe Rnwy data unver
Parsons (Kans)	2 NW;RR S	936	22 S2	80 oct.Soft in wet weather
Rogers (Ark)	2.7 N;RR S	1325	32 S1	80 oct.P-line SE.
Rogers Arpk (Springfld,Mo)	2.1 E;hwy W	1367	38h L3 S4	73-91 oct.Lgts prior req
Sedalia (Mo)	6.3 NW;RR S	820	30 S6	80 oct. Poles S.
(A) " AAF (Knobnoster,Mo)	2.8 S;hwy N	834	72h	TMP INACT.NO FACS.
Smith (Hasty,Ark) (A)	3.3 SSW;rd S	1150	16 S1	80 oct.
Springdale (Ark)	0.8 SSE;hwy W	1200	19 S4	80 oct.P-line NW,SE.
SPRINGFIELD Range (Mo)	254(SX)(116.1)	134°,4.3	SBRAZ-DTV	(4); 116.1
(A) Springfield (Mo)	5.5 WNW;RR NE	1269	56h L5 S5	80,91,100 oct.;for Army 100 oct
State Line Arpk (Stanley)	3.8 NE;RR E	1000	22 S1	80 oct.Poles E.(Kans)
Stilwell (Okla)	1.4 N;RR W	1125	17 S2	80 oct.
Tahlequah (Okla)	4.3 N;rd E	1050	22 S4	80 oct.
TOPEKA Army Range (Kans)	269 (DTO)	32°,3.5	BMRAZ	(4)
TOPEKA AAF Tower (Kans)	206 (116.1, 126.18)		CA	(3); 116.1, 126.18
(A) Topeka AAF (Kans) (A)	6 S;RR W	1078	65h L5 S6	73,91,100 oct.JP-1.No sto
Topper (Vinita, Okla)	3.9 SW;RR ESE	800	24	
TULSA Range (Okla)	245(TS)(116.1)	225°,1	SBRAZ-DTV	(3); 116.1, 122.1
VERDIGRIS RIVER FM (Okla)	(-)	52°,9.6	FM	Tulsa
Warrensburg (Mo)	7.3 SSW;hwy E	860	22 S6	80 oct.
Will Rogers ,36,AQ-LS	1.5 NE;RR W	649	29 L3 S6	73 oct.(Claremore,Okla
Wright (Garden City,Mo)	1.4 NNW;hwy SW	880	25 S1	80 oct.P-line S.

INSTRUMENT LANDING SYSTEMS *(Localizer and Glide Path in mcs. Compass Locators in kcs.)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.D. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

ST. LOUIS

RADIO

ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
WALNUT RIDGE	362 (DWR)	MRLWZ,174°,5	

MISSOURI

COLUMBIA	379 (CA)(116.1)	SBRAZ-DTV.89°.3.9	(4);116.1
NEW FLORENCE (Int.)	248(ST)(116.1)	BHTV	(4):116.1
ST. LOUIS(Lambert)	209 (LS)(116.1)	SBRAZ-DTXV256°.2.2	(3);116.1
ST. PETERS FM	(- - - -)	FM, 273°, 14.2	St. Louis
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis
VICHY AAF	344(OM)(116.1)	BMRLZ-DTV,310°, 2.7	(4), 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT – CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Batesville(Desha)	1 SE, hwy E	400	20 S1	73 oct.Pole line NE.
Biggers (NC)	2 ESE,RR NW	290	45	
Fleeman(Manila)	0.8 S,RR N	240	32 S2	80 oct.Po line N,NE.
John's Air Park (Flippin)	0.3 NNW,RR S	620	11 S1	80 oct.Trees N.
(P) Jonesboro	3.5 ESE;RR N,SW	264	44h S6	80,91 oct.Use rnwys
(A) Manila (Blytheville)(A)	13.5 W,lake E	240	75	CLOSED
Milltown(Newport)	13 NE	244	45h	
(A) Walcott #3 (Walnut Ridge)(A)	14 ESE	285	45h	1.5 W of Walcott CLOSED
Walnut Ridge	4 NE,RR SE	275	50h	
* Prairie du Rocher Int,55, NO-LS	0.5 S,RR NE	390	37 L3	Trees S, N.

MISSOURI

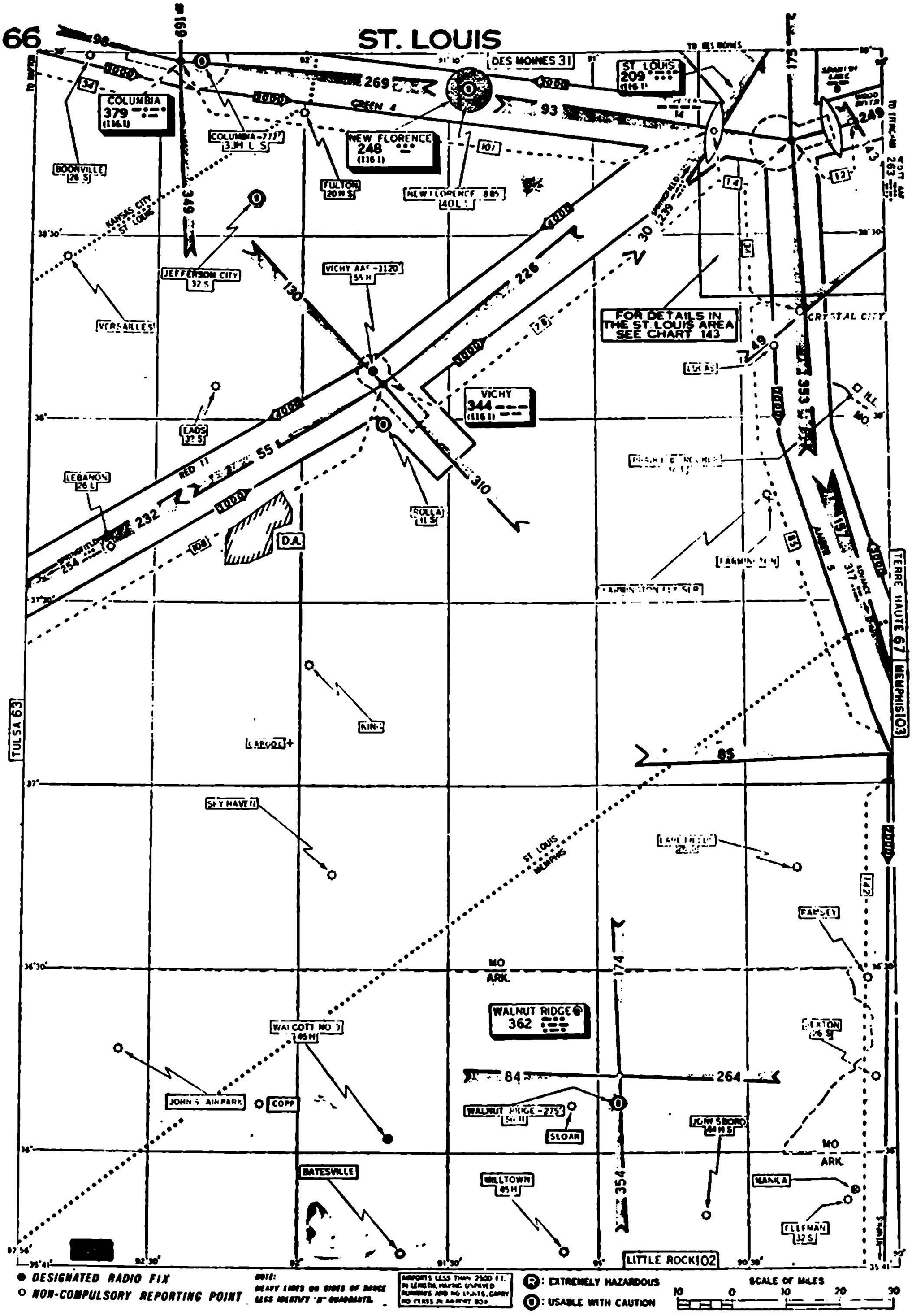
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Boonville	1.5 NNW,riv S	602	16 S4	80 oct.Obsts sur fld.
Columbia	2.4 NW,hwy S	777	33h R1 L3 S5	80, 91 oct.
Eads (Iberia)	1.1 W, hwy NE	960	32 S2	80, 91 oct.
Farmington	1 ESE,hwy N,E		35 S6	80 oct.Data not verif.
Farmington Flying Service	0.8 NNE,hwy S	920	17 S4	73 oct.Poles NW.
Fields (Poplar Bluff)	3.8 ENE,hwy S	325	26 S2	73 oct.Pwr line S.
Fulton	3 WSW,hwy SE	875	20h S2	80 oct.
Jefferson City	2 N, hwy S	550	32 S6	80,91 oct.
Kennett (NC)	1.3 E,RR W	260	26	30' poles N.
King (Houston)	0.8 WNW,hwy ESE	1180	15 S1	80 oct. Poles S
* Lebanon Int,54B, AQ-LS	2.5 SSE,hwy E	1380	26 L3	
Lucas (Festus)	1.7 S,RR W	425	16 S2	73 oct.
Mel Adkins (Gravois Mills)(NC)	4.2 SSE,hwy W	950	19.	
* New Florence Int, 17, KC-LS	1 SSE,hwy N	885	40 R1 L3 S1	80 oct.
Ramsey (Campbell)	1.6 SW,RR NW	295	14 S2	Ltd 73 oct.Trees NNE
Rolla	3.5 NE,rd S	1201	31 L S6	80,91 oct.Port rnwy lgts.
Sexton (Kennett)	2.8 SW,hwy E	263	26 S2	80 oct.
Sky Haven (West Plains)	2.4 NW;RR E	1049	22	
Versailles	1.7 ENE,RR N	1050	20 S2	80 oct.Pwrline N,NE, NW.
Vichy AAF (A)	1.5 NNW,hwy SW	1120	55h R1	CLOSED

NEW AIRPORTS

Cabool, (Mo.)	0.8 SW		18 S1	80 oct.Data unver.
Copp (Calico Rock,Ark)	1.8 N	425	18 S1	80 oct. Fence S.
Sloan(Black Rock,Ark)	0.5NE;RR W	270	16	

h-hard surfaced [redacted]. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) (NC)-Not charted. → NEW OR REVISED DATA

ST. LOUIS


COLUMBIA
379
(116.1)
COLUMBIA-7777
3.3H L S
BOONVILLE
26 S
NEW FLORENCE
248
(116.1)
FULTON
20 N S
NEW FLORENCE 885
40 L
DES MOINES 31
ST LOUIS
209
(116.1)
TO DES MOINES
TO SPRINGFIELD
269
93
GREEN 4
101
KANSAS CITY
ST LOUIS
JEFFERSON CITY
32 S
VICHY AAF -3120
55 H
130
226
30
VERSAILLES
FOR DETAILS IN THE ST LOUIS AREA SEE CHART 143
CRYSTAL CITY
VICHY
344
(116.1)
EMO
32 S
RED 11
55
232
LEBANON
26 L
SPRINGFIELD
254
SOLLA
11 S
310
D.A.
TULSA 63
KING
LARVOR
SAY HAVEN
ST LOUIS
MEMPHIS
WALNUT RIDGE
362
WALCOTT NO 3
45 H
JOHN S AIRPARK
COPP
WALNUT RIDGE - 275
SLOAN
BATESVILLE
HILLTOWN
45 H
JONESBORO
44 N S
MANILA
FLEEMAN
32 S
EXTON
26 S
FARMINGTON
84
264
354
174
MO
ARK
LITTLE ROCK 102
TERRE HAUTE 67
MEMPHIS 103
ST LOUIS 253
249
263
175
44
12
14
61
63
67
142
35
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES OR SIDES OF BOXES ARE RESTRICTIVE "R" QUADRANTS.
AIRPORTS LESS THAN 2500 FT. IN LENGTH, PAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

TERRE HAUTE 67

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "N" QUADRANTS.

PEORIA
MORTON
PEKIN
R55
TO JOLIET
CHICAGO 34
RUSSELL'S
BLOOMINGTON
CHANUTE AAF 365
CHANUTE AAF 396 (126.18)
CHICAGO CINCINNATI
ATTICA
LAFAYETTE 227
CORK
MEDBERY
CLINTON
ILLINI
CHAMPAIGN
DANVILLE
VERMILION
HIGHLAND
CHICAGO
ST. LOUIS
UNIV. OF ILLINOIS
DECATUR
SPRINGFIELD 239
DECATUR PARK
COOPER
KINGMAN
PORT O' THE WOODS
ILL. IND.
FLECK'S LAKEVIEW
MC COY
MOODY
ALLEN
MIDWAY AVIATION
PARIS
TERRE HAUTE 248 (116.1)
SPRINGFIELD
TAYLORVILLE
HULMAN
PAUL S. COX
MATTOON
CHARLESTON
SHELBY CO.
EFFINGHAM 275 (116.1)
CASEY
FOR DETAILS IN THE ST LOUIS AREA SEE CHART 143
EFFINGHAM
HILLSBORO
H AND S
LINTON
EFFINGHAM CO.
SMITH AVIATION
VANDALIA MUN.
WOOD RIVER
ST. LOUIS 209
HIGHLAND-WINET
JAMESTOWN
EMISON
GEORGE AAF
WASHINGTON MUN.
WASHINGTON
SCHILT
O'NEAL
FLORA
LECKRONE
PRESBYTERIAN NO. 3
CYRIL LEBERT
SCOTT AAF 263
B AND K FLY. SER.
BECKERMAN
PRINCETON
STRAUB
EVANSVILLE 233 (116.1)
MT. VERNON
NASHVILLE
RED II
WHITE CO.
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
MARION
DENIS
EVANSVILLE 278 (118.5)
HENDERSON
MADISONVILLE
STURGIS AAF
FERGUSON
OWENSBORO
ST. LOUIS
MEMPHIS
MEMPHIS 103
ADVANCE
GREEN BRIER
OVER

TO INDIANAPOLIS
INDIANAPOLIS 70
TO JEFFERSONVILLE
ST. LOUIS 66 DES MOINES 31
TO LOUISVILLE
ILL. MO.
IND. KY.
ST. LOUIS CINCINNATI
BLUE 3
BLUE 6
BLUE 44
GREEN 4
RED II
AMBER 5
STATUTE MILES 0 10 20 30

RADIO

ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE (Rantoul)(Army)	365 (DNU)	SBMRAZ	(3), 126.18
Chanute Field	396 (126.18)+	CA, 43°, 3.3	(3), 126.18
EFFINGHAM	275 (EF)(116.1)	BMRLZ-DTV,341°,0-Intermediate	(4), 116.1
SCOTT (Belleville)(Army)	263 (DCD)	SBMRAPZ-DT,49°,2.2	(4)
SPRINGFIELD	239 (ZD)	SBMRAZ-DT,113°,2.3	(4)

INDIANA

EVANSVILLE	233 (EV)(116.1)	SBRAZ-DTV	(3): 116.1
Evansville Airport (old)	278 (118.5)	C, 177°, 5.7	(4).118.5.122.5
TERRE HAUTE	248 (TH)(116.1)	BMRLZ-DTV; 69°, 5.8 (Hulman)	(4): 116.1

S-Surveil. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Arcola)	2 W,RR N,E	665	20 S6	80 oct.Pole line N, E.
B & K (Fairfield)	1.4 WSW,RR S	500	21 S2	80 oct. Pole line S.
Beckerman (Mt.Carmel)	4 W,RR S	424	23 S1	80 oct. Pole line N.
(P) Bloomington	3 E, hwy N	875	33 L1 S6	80,91 oct. Pole line N, NW.Obst lgtd.
Carbondale	0.1 E,lake 2 E	450	20 S4	80 oct. No sto.
Champaign	2 NNW;hwy SW	753	28 S6	73,80 oct.W,NW,S blocked.
(A) Chanute (Rantoul)(A)	1 SE,RR W	744	63h R2 L5 S6	73,91,100 oct. JP-1.Pole N.
Charleston	1.3 SW;RR NW	690	26 S6	80,91 oct.Flares on req.P-line N,E,W.
Clinton Flying Club	5.5 NE	720	13	
Cooper (Tuscola)	1.6 SW,RR E	650	24 S2	80 oct.Poles NW, SE, NE, E
Cyril Lebert(Lebanon)	0.5 SE,hwy N	440	22 S2	80 oct.Poles N, W, S.
Danville	2.4 SSW,hwy W	640	33 S6	80,91 oct.N blocked.P-line NE,E.
Decatur	4 NW	678	29 S6	80,91 oct.P-line S,SW,W,NW. Hedge SW.
(P) Decatur Park	4 E,RR,hwy S	679	53h S6	80,91 oct.
Denis (Muddy)	Adj E	400	27 S1	80 oct.Data unverified.
(P) Du Quoin	1.8 W,hwy S			ABANDONED
Effingham Co. Memorial	3.6 S,hwy W	585	30 S6	80 oct.
* Effingham Int,10,L3-II	2.5 N,RR E	608	26 R1 L3 S1	73 oct. on req.
Fleck's Lakeview (Rochester)	2.8 W,lake W	580	21 S6	81 oct.P-line W.
Flora	0.8 SW;RR N	490	35 S6	80 oct.P-line N,W.
(A) George (Lawrenceville)(A)	4.5 NE,RR S	428	52h	CLOSED
Highland-Winet(Highland)	3.6 NE,RR S	535	24	Pole line S. P-line SW.
Illini (Urbana)	2 NNE;hwy E	740	25 S6	80 oct.Flares on req.E,SE blkd.
(P) Leckrone (Salem)	1.9 NW;lake NW	545	39 S6	80,91 oct.Flares on req.Derrick NW
McCoy (Blue Mound)	5 W	660	16 S2	No fuel.
Macarin (Marion)	4.6 WNW,hwy W	470	35 S6	80, 91 oct.
Marion	1.8 ESE,RR S	430	26 S6	73 oct.
Mattoon	4 E,RR N	720	23 S6	80 oct. Poles W.
Medbery (Armington)	1 NE	650	26	Data not verified.
Moody (Dalton City)	2.2 S,hwy W	680	19 S6	80 oct. Pole line N
Murphysboro	3 N,riv SE		20 S1	80 oct. Data not verified.
Paris	3.5 NNW;RR E	740	30 S1	80,91 oct.Poles SW,S,W.
Pekin	4 S,bet RRs	505	24 S2	80 oct. Pole line W,N, E.
(P) PEORIA	4.8 WSW,rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
(A) Presbyterian Church No. 3 (St. Francisville)	4 WNW,hwy E	430	45h	CLOSED (A)
Russell's (Hoopeston)	6.5 WNW,RR S		13	PRIVATE. Data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) (NC)-Not charted. → NEW OR REVISED DATA

ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Shelby County (Shelbyville)	1.9 ESE,RR N	677	21 S6	80 oct.
Smith Aviation (St.Elmo)	1.3 SW;RR,hwy N	647	32 L1 S6	80 oct.Bcn twr NE,poles N.
Springfield	3.5 SW,bet RRs	606	31 R1 S6	80,91 oct.Use strips only.
(P) University of Illinois (Champaign)	5.5 SSW,RR E	752	53h S6	80,91 oct.Flares on req.
Vandalia	4.4 NW	532	39h L3 S6	80 oct.
Vermilion (Danville)	4 E;RR N,SW	650	21 S4	80 oct. 30' poles S.
White County (Carmi)	1.1 NE, RR S	450	17 S1	80 oct.

INDIANA

Attica	2 S;hwy W	647	26 S1	80 oct. Data unverified
Cork (West Lebanon)	4 W		24 S1	80 oct. Obsts NE. Data unverif.
(A) Emison (Oaktown) (A)	3.6 WSW	425	45h	CLOSED
→ EVANSVILLE	4.5 NNE;bet RRs	383	60h R2 L5 S6	80, 91 oct. Twr W. Fld lgts on req.
Ferguson (Richland)	0.5 SE		13	Data unverified No flood lgts.
→ Highland (Perrysville)	2.8 WNW;riv 3 E	585	23 S2	Ltd 73 oct.
(P)HULMAN (Terre Haute)	5 ESE;hwy N	585	53h R1 L5 S4	80,91 oct.No sto.Fld lgts prior req.
Jordan (Bloomingdale)	See Port O'The Woods Arpk under "New Arpts" - name changed.			
Kingman Flying Service (Kingman)	0.5 E,hwy N	710	26 S4	80 oct. No sto.Data unver.
→ Linton	3.3 E, RR S	500	19 S4	Ltd 80 oct. N,NE blocked.
Mount Vernon	1 E;bet hwy,riv	390	26 S1	80,91 oct.Data unverified.
O'Neal (Vincennes)	1.5 WNW,RR NE	415	28 S6	73,80 oct.NNW appch blocked.
Paul S. Cox (Terre Haute)	3.2 S;hwy W	485	27 S4	80, 91 oct. P-line NE,SW
Straub (Cynthiana)	0.5 NW		13	Data unverified
Washington Mun.	4 N		30 S4	80 oct. Data unverified.
Washington	3 W		21	Data unverified

KENTUCKY

Madisonville	6 ENE; hwy SE	420	24 S4	80 oct. No sto. Use strips only.
Owensboro	2.5 ENE;RR NW	484	29 S6	80 oct.
Sturgis AAF (A)	1.5 ESE,hwy SW	371	50h	CLOSED

MISSOURI

Chester (McBride)	3.8 NW,riv N	372	20h	Allway: 5388 x 4695'

NEW AIRPORTS

Midway Aviation(Horace,Ill.)	1 E,RR W	650	26 S2	80 oct. Poles,bldgs,trees E,N
Henderson,Ky.	6 SW,riv N		23 S1	80 oct.Data unver.
H & S (Gillespie,Ill)	1 W; RR S	661	18	Pole lines N
Morton (Ill.)	3 W; hwy N		18 S4	80,91 oct. Data unver.
Port O' The Woods Arpk (Bloomingdale,Ind.)	4.2 N;hwy W		33 S2	80 oct.Use NE/SW strip.Data unver.
Princeton, (Ind.)	0.7 E;RR NE	502	23 S2	80 oct. Data unver.
Mount Vernon, (Ill.)	2.5 ENE;RR S	465	37 L S6	80,91 oct.Data unver.Temp port lgts.
Taylorville, (Ill.)	1 SW		26 S6	80 oct.Data unverified.
Hillsboro, (Ill.)	1 NE	630	25 S4	Data unverified.
Schilt (Olney,Ill.)	1.5 E;RR S		30 S1	80 oct.Data unverified.
Nashville, (Ill.)	1 E;lake W		20 S1	80 oct. Data unverified.
Casey, (Ill.)	1 NW	645	26 S4	80,91 oct.Data unverified.
Midway Aviation(Horace,Ill)	1 E;RR W	650	26 S2	80 oct.Poles,bldgs,trees E,N.

RADIO — INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED. HRS. OF OPER. REMARKS
ADVANCE FM	(- - - -)	FM, 330°, 24	Indianapolis
CEDAR GROVE FM	(- - - -)	FM, 297°, 35	Cincinnati, Ohio
CLAYTON FM	(- - -)	FM, 250°, 11.2	Indianapolis
GREENCASTLE FM	(. . - - -)	FM, 250°, 27	Indianapolis
GREENFIELD FM	(-)	FM, 82°, 31	Indianapolis
INDIANAPOLIS	266 (ID)(116.1)	SBRAZ-DTV	(3) 116.1
Indianapolis Airport	278(126.18,118.7)	AC (ILS); 82°,3.2	(4); 122.5, 126.18,
LAFAYETTE (Purdue University)	227(LF)(116.1)	BMRL-DTV;50°,2.4	(4).116.1 118.7
MORGANTOWN FM	(- -)	FM; 177°, 22	Indianapolis
STOUT(Indianapolis)	396	CA	4495 (9-18)
KENTUCKY			
BOWMAN FIELD (Louisville)	278(126.18) (118.3)	AC; 269°,1.4	(4);122.5,126.18, 118.3
EASTWOOD FM	(- -)	FM; 89°, 9.4	Louisville
GODMAN(Ft. Knox)(Army)	227 (DKX)	BMRLZ	
Godman Field	272(126.18)	CA; 172°,3.1	(3);126.18 (6-24)
LOUISVILLE(Bowman)	359 (LV)	SBMRLZ-DTX	(3)
SHEPHERDSVILLE FM	(- - -)	FM; 190°,18	Louisville
SULPHUR FM	(. . - - -)	FM; 227°,70	Cincinnati, Ohio
UNION FM	(- - -)	FM; 227°,24	Cincinnati, Ohio
GREATER CINCINNATI (Covington)	221(118.9)- (126.18)	AC (ILS)	(4);118.9,122.5, 126.18
OHIO			
CINCINNATI (Lunken)	335(CC)(116.1)	SBRAZ-DTV	(3);116.1 DTV lctd at Gr.Cincin.Arpt
DAYTON	245(DY)(116.1)	SBMLZ-DTV;90°,3.2	(3); 116.1
Dayton Airport	278 (126.18, 118.9)	AC(ILS-W)	(4); 122.5,126.18, 118.9
FAIRFIELD FM(Army)	(- - -)	FM, 196°,9.3	Patterson
LOVELAND FM	(-)	FM, 44°, 8.8	Cincinnati
LUNKEN(Cincinnati)	227 (118.7, 126,18)	AC-227°, 5.2	(4);118.7,122.5, 126.18
PATTERSON (Fairfield) (Army)	379 (DPK) (137.88)	SBMRAZ-DTV ;32°,2.96	(4);137.88
Patterson Field	396 (126.18)+	CA(ILS-W)	(4); 126.18
VERONA FM	(- - - -)	FM,270°,9.9	Dayton
WRIGHT (Dayton)	260 (126.1)	CA	3105,4495;126.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
DAYTON	110.3	335	55°	IM- ·····(0.05)	MM-	OM- --(4.4)	
					MMK-	OMK-	
GRTR.CINCINNATI	109.9	333.8	360°	IM-	MM- ·-·-(0.6)	OM- --(4.3)	
					MMK 206 ····(0.6)	OMK 215 ····(4.3)	
INDIANAPOLIS (L6)	109.9	333.8	44°	IM	MM- ·-·-(0.89)	OM- --(4.3)	
					MMK 201 -···(0.89)	OMK 219 ··(4.3)	
PATTERSON (A)	108.7	333.8	210°	IM- (0.09)	MM- ·····(1.12)	OM- --(4.5)	
					MMK-	OMK-	

L-Inbd. Range and Tower. M-Mdbnd Tower. I-MM Range Station Location Marker. (A)-3105, 4495. 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers on Frequency Column Indicate VHF Tower. 4—Army ACS Transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ace (Anderson)	2 S	875	30 L S4	80 oct.Port rnwy lgts.
Anderson	3.5 SE;RR W	875	27 S6	80 oct.P-line NE.
Aretz (Lafayette)	4 NE	500	35 S6	80 oct.Info. unverified.
(A) Atterbury AAF(Columbus) (A)	3.5 N;hwy S	651	50h	TMP INACT.NO FACS
Bargersville	1 N		20	Info. unverified.
Beck (Zionsville)	5 NE;crk W		14 S2	80 oct.Poleline W.Info. unverified.
(P) Bedford	3.5 SE	682	19 S6	80 oct.
Black Hawk (Sheridan)	5.3 N;hwy E	925	17 S2	80 oct.
(P) Bloomington	5 WSW;RR SE	840	40 L S6	80,91 oct.Port,rnwy lgts Trees N,NE,SW
Boss-Denien (Salem)	3 WNW;RR N		26 S6	80 oct.Poleline S.Data not verified.
Bringham (Portland)	1.5 E;RR E	1020	20	Poles S;120 tank SW.
Brightwood(Indianapolis)	3.7 NE;rd S		44 S4	80 oct.Data unverif.
Brownsburg	1.5 SSE;RR N	650	26 S2	80 oct. Poleline S

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA.

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Bunker Hill NAS (N)	1.8 W;RR N	798	50h	INACTIVE
Bush (Jeffersonville)	3 NE		20 S2	80 oct.Inf.unverified.
Bush (Ramsey)	1.5 WSW;hwy N	680	12 S4	73 oct.
Campus (Bloomington)	1.5 ENE,RR S	883	22 S4	80 oct.
(P) Columbus	4.5 SSW	616	45h S4	80 oct.No sto.Stacks NW
Coxey's (Winchester)	1 ESE	1088	16 S6	80 oct.P-line S,SW
Crawfordsville	4.5 SSW;hwys E, W	850	38 S4	80 oct.
East Richmond (Richmond)	3.7 ESE;RR E	1090	20 S6	73 oct.
Elwood	2 S;hwy NW	860	23 S6	80 oct.P-line S.
Farmers (Greenfield)	9 NW		26 S2	73 oct.Info. unverif.
→ Fortville	2.8 E;rd N			ABANDONED
Franklin Fly.Field	4 S;riv S	745	22 S2	80 oct.Trees S.
(A) Freeman (Seymour)(A)	2 SW;hwy N	575	55h	CLOSED
French Lick Sprgs.(NC)	1 SE;RR W	500	27h	
G & C (Anderson)	1 N	875	30	Info. unverified.
Greencastle	8 SE		23 S2	80 oct.Info. unver.
(P) Greenfield, Inc.	1.9 ENE,RR S	910	30 S6	80 oct.Poleline S.
→ Halsmer (Lafayette)	3 ESE;RR S	595	40 L S6	80,91 oct.Port lgts on
Himes (Ladoga)	4 NW		13	Info. unver.
→ Hoosier-Park (Ind)	4 WNW;hwy N	740	26 S6	80,91 oct.P-line NE,SW
Howell Bros(Rushville)	2 SE;hwy SW	985	13 S4	91 oct.Bldgs SW.
→ Huffman Air Service (Selma)	0.8 SE; RR N	1000	19 S6	80 oct.Obst sur fld.
(P) Huntingburg 19,LS-LV	3 S;RR E	500	31 L2 S4	80 oct.
(P) INDIANAPOLIS	8 SW;hwy N	796	53h R3(L6)S6	73-100 oct.Exper lgtg.
Kokomo, mun.	4.7 NE	835	40h L5 S2	80 oct.P-line N.Lgts prior
Lapel	1 NE		13	Rough.Info. unver. req.
Lawrenceburg	1 SW		22	Info. unver.
→ Lebanon	1 S;RR N	825	16 S4	80 oct.Trees SW.
Lizton	1 SE		25	Info. unverified.
→ Lockwood (Frankfort)	2.5 S;RR W	764	20 S6	80 oct.E,SE blocked.
Loy (Plainfield)	0.5 NE;RR S		19 S6	73 oct.Data unver.
→ Madison Commercial	See Myers under "New Airports" - name changed.			
(A) Madison AAF (A)	6 NNW; RR SW	850	50h	Closed to all acft.
Mapleton (Seymour)	3 E	630	18 S4	80 oct.No sto.Info.unver.
Martinsville	2 W		10	Info. unver.
→ Marion	3.8 SSW;hwy E	832	24 L S6	80,91 oct.P-line NE,E.
Mecco (Danville)	0.5 W		13 S2	73 oct.Info. unver.
Mettel (Connersville)	2.8 NNE	950	29 S2	80 oct.bet RR's Port lgts on req.
* Milroy Int,5, CC-CG	5.5 ESE	1034	27 L3	
Moore (Zionsville)	12 NW		14 S1	80 oct.Info. unver.
(P) Muncie	3.5 N;RR SW	950	32h L4 S6	80,91 oct. Lgts on req.
→ New Castle	3.2 E;hwy N	1040	29 S6	80,91 oct.N,NE blkd.
→ New Castle Western (New Castle)	2.3 NW;hwy E	1080	24 S2	80 oct.P-line N,SE. NW blkd.
Noblesville	1 SE; RR N	801	24 S1	80 oct.Pwr line ESE.
Ockley	1 W		23	Pwrlines N,W;trees E. Info. unver.
Owen (Mooresville)	4 E		31 S1	80 oct.Info. unver.
(P) Purdue University → (Lafayette)	2.5 W;RR N	605	35h R1 L3 S6	80 oct.No sto.P-line N; stack NE.
Reese (Muncie)	4 E	950	19 S2	80 oct.Info. unver.
Reimer (Lafayette)	2 S		25 S2	80 oct.Data unver.
Richmond, com.	4 WSW;RR N	1075	42 L1 S2	80 oct.
(P) Richmond, mun.	6 SSE;RR W	1139	55h L5 S1	80,91 oct.No flood lgts.
Ruzicka (Kokomo)	2.5 S;RR E	800	22 S6	80 oct.Pole E;trees N.
(P) St. Anne #2 (N.Vernon)	2.3 NNE;RR W	750	45h	
Scottsburg	2 W		18	Info unver.
Shank's (Indianapolis)	5 WNW	740	28 S6	80 oct.Info. unver.
→ Shelbyville	3.1 S;hwy E			ABANDONED
→ Silent Brook (Orleans)	5 W;riv SW	650	21 S4	80 oct. Hi-line W,SW
(P) Sky Harbor (Indianap's)	7 ENE;hwy S,E	730	26 L S6	80 oct. Pole line E,S,SE.
(P) Sky Haven (Bedford)	2 SSW;riv S	650	36h S6	80,91 oct.P-line E,NE,S 80' hill W end WSW rnwy
Steed (Portland)	1.5 NW	1030	20 S2	80 oct.Obsts N end NE-SW stp.Info.unver.
Stiles (Shoals)	1 N	740	22 S2	80 oct. Info. unver.
(A) Stout (Indianapolis)(A)	5.5 WSW	712	45h R1 L5	
→ Templeton (Greensb'g)	3.5 WNW;RR N	915	27 S6	80 oct.P-line N,NE,S,SW
Vevay	1 E	450	20 S2	73 oct.Tree NE corner Info. unver.
→ West Side (Marion)	2.5 NW;hwy S	835	26 S6	80,91 oct.
White Cloud (Greenw'd)	1.6 SW;hwy E	800	25 S4	Fuel.No sto.Info.unver.
Yorktown	1 S		22 S1	80 oct.Obsts E.Info.unver.

KENTUCKY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Blue Grass (Lexington)	6 W;hwy N	978	40h L5 S6	80,91 oct. Fld lgts on req
-BOWMAN (Louisville)	5.5 ESE	546	44h R2 L5 S6	73,91,100 oct. No flood lgts.
Cool Meadow (Lexington)	4.8 NE;rd W	910	28 S6	80,91 oct.
* Glendale Int,75B,	0.5 NE;RR W	702	25 L3	(DL-LV)
(A) Godman (Ft.Knox)(A)	1 NW;RR E	740	52h R2 L5 S4	73,91,100 oct.No sto.
Goodall (Danville)	4.2 S;hwy W	990	27 S4	80 oct. WNW,SW blocked.
(P) Greater Cincinnati → (Covington)	8.2 W;riv NE	890	55h R3 L6 S6	80,91 oct.
Paris	1.2 NNE	635	20 L S1	80 oct.Flood lgts NE,SW,
Shelby (Shelbyville)	2.5 ENE;hwy S	850	20 S2	80 oct.Info. unver. NW blkd.
Silver Lake (Frankfort)	3.2 E;hwy N	750	20 S6	80,91 oct. Poles N
Standiford (Louisville)	4.3 SSE;hwy E	480	50h	
* Warsaw Int,5A,LV-CV	0.8 SW;riv NW	485	30 L3	
[redacted]				
Attaway Air Ranch (Mason)	4.2 S;RR NW	850	23 S4	80 oct.No sto.Pole line E.
Campbell (Cincinnati)	6.2 NNW;RR E	820	24 S1	80 oct.Pole line WSW.
Cheviot (Cincinnati)	9 W	914	18 L1 S1	80 oct.
Cincinnati (Sharonv'l)	2 SE;hwy N	860	37 S6	80 oct.
* Coldwater Int,4,DY-GO	2 NW;crk NW	898	33 L3	
→ Country Club (Johnsv'l)	2.9 N;RR NE			ABANDONED
Dahio (Dayton)	8.5 W;hwy S	925	37 S4	80 oct.
(P) DAYTON	10 N;hwy E	1007	55h R3 L6 S6	73,80,91,100 oct.
Hamilton	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE, SSW Trees NW.
Happy Landings (Morrow) (NC)	2.4 ESE;RR S	880	28	Area SE unusable. data unver.
→ Harrison	2 ESE;RR SW	580	26 S6	80 oct.P-line S.Rnwy
Hightman (Lebanon)(NC)	3 E;RR W	880	16	Pole line W;trees W,E.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct. Pole N.
(P) LUNKEN (Cincinnati)	4.3 SE;RR SW	488	41h R2 L5 S6	73,91,100 oct.
(P) Miami University (Oxford)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
(P) Middletown	1.5 N; riv N	653	31 S4	80 oct.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct.Trees W.
Mt. Healthy (Cincinnati)	9.5 NW;hwy E	870	22 S6	80 oct.Trees WSW,NE,
New Westville (New Paris)	2.8 S;RR S	1180	21 S1	80 oct.Poles E, ENE NW, SE.
Parks Watson (Cincinnati)	9 NE;RR E	865	25 S6	80 oct.
(A) Patterson (Fairfld)(A)	1.6 WSW	819	78h R3 L6 S4	73,100 oct. JP-1.
Piqua	4 WNW;RR S	1000	19 S2	80 oct.Poles S,SE,SW.
→ Polk Grove (Vandalia)	3.6 W;riv W			ABANDONED
Sidney	1 W;RR S		25 S2	80 oct.Data unver.
South Dayton (Dayton)	5 SSW;RR W	750	32 S6	80 oct.No sto.Hills S.
Treaty City (Greenv'l)	1.5 NNE;hwy W	1060	20 S4	80 oct.Poleline W.
Waco-Troy (Troy)	1.8 SW;RR SE	870	29 S1	80 oct.
(A) Wright (Dayton)(A)	5 ENE;RR NW	800	72h R1 L5 S2	62,73,91,100 oct.JP-1 CLOSED.

NEW AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Port Koneta (Wapakoneta, Ohio)	2.5 NNE;RR E		26 S4	80 oct.Inf. unver. Data unver.
Stair (Mulberry) Ind.	0.13 NE,hwy S	650	16 S4	80 oct No sto.Pole line S
→ Jeffersonville-New Albany, (Ind)	2 NW;riv S	450	29 S6	80 oct.Poles SW. (Jeffersonville)
Veteran's (Bloomington, Ind.)	2.5 W;RR N	890	18 S6	80 oct. No sto. Poles W.
Riverside(Louisville,Ky)	7.5 SW;riv W		27 S4	80 oct. Data unver.
Charlestown (Ind.)	5 NE;hwy E		15 S6	Data unver.
Bethel (Ohio)	1 ESE	890	30 S6	1500' hard surfaced rnwy
→ Myers (Madison, Ind.)	2.2 N;RR W	960	24 S6	80 oct.N,NE,E blkd.
Delaware (Muncie,Ind)	3 WSW; hwy N		27	Pwr line E Data unveri.
Lebanon,(Ky)	3 NW		24 S4	No sto. Data unver.
Lakewood Arpk. (Cincinnati) Ohio	9.5 NNW	870	20h S6	80,91 oct.P-line E
Sheridan, (Ind.)	2.5 N	700	23 S6	80.91 oct.Poleline W. Data unver.
→ Lansdowne (Greenv'l,Ohio)	2 ESE;RR N	1208	19 S6	80 oct.Bldgs, hi-line N. Data unver.

70 INDIANAPOLIS

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.

GRAND RAPIDS 35
NAS BUNKER HILL
CHICAGO
CINCINNATI
RENSSELAER
OCKLEY
KOKOMO MUN
LAFAYETTE 227 (116.1)
LAFAYETTE
ARETZ
REIMER
HALSMER
STAIR
PURDUE U
BLACK HAWK
LOCKWOOD
SHERIDAN
MOORE
LEBANON
CRAWFORDSVILLE
HIMES
ADVANCE 24
BECK
LIZTON
BROWNSBURG
INDIANAPOLIS 278 (126.18)
MECCO
GREENCASTLE 27
CLAYTON 11
GREENCASTLE
LOY
STOUT AAF 396 sc
SKY HARBOR
SHANK'S
OWEN
WHITE CLOUD
BARGERSVILLE
INDIANAPOLIS 266 (116.1)
MARTINSVILLE
MORGANTOWN 22
VETERANS
BLOOMINGTON
CAMPUS
HAVEN
BEDFORD
SILENT BROOK AIRPK
BOSS-DENEN
TERRE HAUTE 67
TO TERRE HAUTE
STATUTE MILES
BOWMAN 278 (118.3, 126.18)
BUSH
HUNTINGBURG
EVANSVILLE 233
RIVERSIDE
STANDIFORD
GODMAN AAF 272 (126.18)
GODMAN AAF 227
KY. 1 DA
GLENDALE
BOWLING GREEN 368
WEST SIDE
MARION
RUZICKA
DELAWARE
ELWOOD
MUNCIE
REESE
YORKTOWN
G AND C
HUFFMAN AIR SER.
LAPEL
ACE
ANDERSON
NOBLESVILLE
NEW CASTLE
WESTERN
HOOSIER-PARK
GREENFIELD INC
BRIGHTWOOD
FARMERS
GREENFIELD 31
FRANKLIN
TEMPLETON
ATTERBURY AAF
COLUMBUS
MAPLETON
ST ANNE NO. 2
FREEMAN AAF
MADISON AAF
MYERS
SCOTTSBURG
SILENT BROOK AIRPK
LOUISVILLE 359
CHARLESTOWN
JEFFERSONVILLE-NEW ALBANY
MILROY
METTEL
HOWELL BROS.
RICHMOND MUN.
E. RICHMOND
RICHMOND COM.
NEW WESTVILLE
MIDWAY
STEED
BRINGHAM
FORT WAYNE
PORT KONETA
COLDWATER
LAKEVIEW
CLEVELAND
CINCINNATI
SIDNEY
PIQUA
TREATY CITY
COXEYS
LANSDOWNE
DAYTON 245 (116.1)
DAYTON 276 (118.9, 126.18)
WACO-TROY
TROY
VERONA 10
PATTERSON AAF 396 (126.18)
WRIGHT AAF 260 (126.1)
DAYTON
SO. DAYTON
FAIRFIELD 9
MIAMI U.
HAMILTON
MIDDLETOWN
ATTAWAY
CINCI INC
LOVELAND 9
PARKS WATSON
MT HEALTHY
LAKEWOOD
CAMPBELL
CHEVIOT
CEDAR GROVE 35
LUNKEN 227 sc 118.7, 126.18 sc
LAWRENCEVILLE
GREATER CINCINNATI 221 sc 118.9, 126.18 sc
UNION 24
BETHEL
CINCINNATI 335 (116.1)
PATTERSON AAF 379 (127.88)
TO SPRINGFIELD
TO HUNTINGTON
COLUMBUS 71
TO TERRE HAUTE
TO HUNTINGTON
VEVAY
WARSAW
SULPHUR 70
EASTWOOD 9
SHELBY
SILVER LAKE
PARIS
BLUE GRASS
COOL MEADOW
SHEPHERDSVILLE 18
LEBANON
GOODALL
CINCINNATI
ATLANTA
KNOXVILLE
IND.
KY.
OHIO IND.
RED 14
RED 19
RED 27
RED 11
RED 18
BLUE 44
AMBER 6
GREEN 4
150
320
230
51
103
57
2000
3000
4000
326
251
200
110
88
93
255
90
100
270
16
20
224
296
14
117
81
48
21
70
60
22
24
27
31
10
9
105
109
180
339
172
262
82
352
360
216
266
168
235
86
263
47
93
NASHVILLE 106
KNOXVILLE 107
OVER

COLUMBUS 71

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
TO FORT. WAYNE
TO CLEVELAND
TO TROY
TO LOUISVILLE
TO PITTSBURGH
TO ELKINS
TO THE CITY
STATUTE MILES
DETROIT 38
CEDAR LAWN
MARION
MAGNOLIA
RED 27
TOLEDO
RED 17
PITTSBURGH
+VOSS
MT. LIBERTY
28
WYNKOOP
NEW PHILADELPHIA
CLEVELAND
CINCINNATI
CLEVELAND
PITTSBURGH
COLUMBUS
391
(116.1)
WELLSBURGH
COMMERCE
BRIGGS
GRIMES
OHIO STATE U.
AMBER 6
BLUE 15
45
SUMMIT STA
PITTSBURGH
254
85
GREEN 4
SPRINGFIELD
93
264
CAMBRIDGE
NEWARK
SNOOK
RIVERSIDE
ZANESVILLE
263
(116.1)
On request
HILLIARD
CRABILL
SPRINGFIELD
CLICKENGER
GROVE CITY
PRICE
NORTON
NEWARK
NEWAR
25
ZANESVILLE
PITTSBURGH
CINCINNATI
SULLIVANT AVE.
272
LOCKBOURNE AAB
317(126.18)
PORT LANCASTER
LANCASTER
CROOKSVILLE
PORT COLUMBUS-NAS
278 (118.5, 126.18)
WASHINGTON
TRI-COUNTY
CINCINNATI
335
39°30'
On request
CLINTON CO. AAF
201
REED'S
MARIETTA
WOOD CO.
CLINTON CO. AAF
272 tfc.
116.1, 126.18, 137.88, 140.58 mc.
CHILLICOTHE SKYPARK
OHIO U.
STEWART
JONES
INTENSIVE INSTRUCTION TRAINING. AREA SHOULD BE AVOIDED AT ALL TIMES.
MT. ORAB
CHERRY FORK
SHUMATE
RAVENSWOOD
KNORE
OHIO
W. VA.
RAVEN ROCK
ROANE CO.
ELKINS
281
MAYSVILLE
OHIO
KY.
ABKEN
ASHLAND
HUNTINGTON
CLARK
255
101
277
CHARLESTON
400
(116.1)
RED 11
RED 18
BOLLINGER
HUNTINGTON
236
(116.1)
315
359
LOGAN
W. VA.
KY.
MORRIS
SCOTT
CINCINNATI
ATLANTA
PAYNESVILLE
356
PRINCETON
OVER
KY.
VA.
KNOXVILLE 107
CHARLOTTE 110

COLUMBUS

RADIO — OHIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CLINTON CO. (Wilmington)	272 (126.13, 140.58,116.1)	CA(ILS-W)(GCA)	(3); 126.18,137.7,116.1 Tr on 137.88 on req.
Clinton County (Wilmington) (Army)	201	K	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri.or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-DTV,86°, 1.9	(3);116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS-W)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°,25.0	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC (ILS)	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1

WEST VIRGINIA

CHARLESTON	400 (KN)(116.1)	SBMRAZ-DTV	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-DTV,75°, 2.3	(4);116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
CLINTON CO. (A)	109.5	332.6	320°Mag.	IM- (0.05)	MM-	OM-	
					MMK-	OMK-	
LOCKBOURNE (A)	109.9		3° Mag.	IM- (0.16)	MM- ·····(0.85)	OM- --(4.29)	
					MMK-	OMK-	
PORT COLUMBUS	109.5		95°Mag.	IM-	MM- ·-·-(0.65)	OM- --(4.50)	
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

Briggs (Zanesville)	6.4 NNE,RR W	780	18 S2	80 oct. Poles E.
Cambridge	2 N, RR W	800	27 L3 S2	73 oct.
Cedar Lawn (Kenton)	2.3 S, RR E	975	18 S2	80 oct. Poles E.
★ Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
→ Chillicothe Skypark	1.8 N;riv W	640	30 S4	80,91 oct. Data not verified.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N,RR,riv E	800	28 S2	73, 80 oct.
Crabill (Springfield)	2.5 SE,RR E	1040	29 S6	80 oct. Pole line S.
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
→ Grimes (Urbana)	1.5 N,RR W	1055	35 L4 S6	80,91 oct.Fld lgts prior req.
Grove City	1 S, RR W	860	21 S6	73,80 oct. No sto.Poles W.
Jones (Chillicothe)	7.2 SE,RR SW	720	20 S2	Ltd 80 oct.
Knore (Minford)	2 SE,RR W	670	20 S6	80 oct. No sto. Pwr line S.
Lancaster	2.5 E;RR N,SW	830	25 S4	80 oct. Poles E.
(A) Lockbourne AAB (Columbus)(A)	11.5 SSE,RR W	738	55h R3 L5 S5	73, 100 oct. JP-1. No range.
Magnolia	0.5 NW,RR SE	970	22 S1	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S2	80 oct.
Newark,2, CO-PG	3.5 SW,RR N	880	25 L3 S2	73 oct. 200' stacks S.
(P) New Philadelphia	2.5 SE,RR SW	885	36 S6	80 oct. Poles N,E,W.
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS (Columbus)	7 E, RR S	815	50h R3 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	14	Poles NNE; trees SSW.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW,riv S	538	24 L3 S6	80,91 oct. Lgtg fac not verified.
→ Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE. Rdo repairs.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S4	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,RR N	1050	27 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver
Tri-Co. (New Holland)	3 ESE,RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE,RR S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	960	13	
Woodsfield (NC)	1 W,hwy NE	1220	19	
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S1	80,91 oct.Pole line E. RR E.
Zaleski St. Forest Svc.	1 SSW,RR NW	705	22	(NC)
(P) Zanesville	6.2 E,hwys N,S	902	50h R1 L5 S1	80 oct. prior req.

WEST VIRGINIA

Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
→ Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts emerg only.

NEW AIRPORTS

Logan (W.Va.)	7.2 NNW,riv E	630	15h S1	80 oct Hill S,N.
Huntington (W.Va.)				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.
(P) Huntington (Chesapeake,Ohio)	2 WSW;riv S	560	29h R1 S6	80,91 oct.
Port Lancaster Corp. (Hooker,Ohio)	0.8 N;RR W	800	28 S1	80,91 oct.Hwy W.
Snook (Reynoldsburg,Ohio)	1.4 NE;RR N	980	21 S6	80 oct.P-line E;trees SW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) (NC)-Not charted. → NEW OR REVISED DATA

PITTSBURGH

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALLEGHENY CO. Tower (Pa)	278 (126.18, 118.7)		A	(4); 140.1,122.5,126.18
[Allegheny Co.](Pittsburgh,Pa)	5.3 S;RR NW	1251	57h L6 S6	80-100 oct.No cts lgts.Rdo rec.rqrd
Allegheny Valley (Tarentum, Pa)	3.2 W;RR W	1125	24 S4	80 oct.
ALTOONA Range (Pa)(Blair Co.)	338(RF)(116.1)	203°,1.3	SBMRAZ-DTV	(4); 116.1
Altoona (Duncansville, Pa)	1 SW;RR E	1050	36 S4	73 oct.
Augusta (Waynesboro, Va)	6 WSW;riv SE	1420	24 S4	80 oct. Pole line SE.
Baker Arpk (Burlington,W.Va)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg,W.Va)	6 E;hwy S	1170	38h S6	80, 91 oct.
Blair Co., 24A, CO-PG (Martinsburg, Pa)	0.9 SE	1495	44h L4 S2	80, 91 oct.
* Buckstown Int,12B,WA-CV (Pa)	1 E;hwy S			ABANDONED.
Buford's (Montvale, Va)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
CECIL K Fac. (Pa)	219 (C)	265°,10.3	FMK	Pittsburgh.
CECIL FM (Pa)	(- - -)	265°, 10.3	FM	Pittsburgh.
(P) Connellsville (Pa)	4 SSW;hwy E	1250	34h S2	80, 91 oct.
Covington (Va)	1 NE	1500	20 S4	80 oct. Data unver.
Covington-Clifton Forge (Va)	6.5 E;hwy S.	1115	24 S4	80 oct.
Cresson (Pa)	1 NE;RR W	2240	25 S2	80 oct. P-line S.
(P) Cumberland (Md)	2.5 S;riv N,S	780	58h L5 S1	80 oct. Mtns SW. Bcn inop.
Elk Garden (W. Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct.P-line NW.
ELKINS Range (W.Va)	281(EK)(116.1)	174°,2.9	SBMRAZ-DTV	(4); 116.1
(P) [Elkins] (W.Va)	2.6 S;RR W	1965	45h L5 S4	80,91 oct. No sto.
Forman (Terra Alta, W.Va)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
FRONT ROYAL Range (Va)	359(FZ)(116.1)		SBMRAZ-DTV	(4); 116.1
Glendale (W.Va)	0.5 WSW;bet. RR & riv	640	29 S6	80 oct.Trees N,S P-line S.
GORDONSVILLE Rng (Va)(Int.)	388(GJ)(116.1)	135°,2.5	SBMRAZ-DTV	(4); 116.1
Gordonsville (Va)	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* Gordonsville Int,51,NA-WA(Va)	5 SSE	438	31 L3	Pole line SW.
GREATER PITTSBURGH Tower	396 (126.18)+		CA	(3); 126.18
(A) Greater Pittsburgh (Pittsburgh, Pa) (A)	15 WNW;riv N	1145	55h L5 S4	100 oct. JP-1. No sto.
(A) Greenbrier AAF (White Sulphur Springs, W.Va) (A)	2 SW	1795	35h	
(P) Greene Co.(Waynesburg,Pa)	2.7 E;RR NW	1100	32 S6	80 oct.
Hamilton (Indiana, Pa)	2.5 E;hwy S	1440	26 S6	80 oct. P-line S.
Harrison City (Pa)	1.1 NW;hwy S	1230	17	Poles NW.
Hartman (Harrisonburg,Va)	1 NW	1350	22 S6	80,91 oct.
Herron (New Cumberland,W.Va)	4 NE;lake W	1250	17 S4	80 oct. Data unver.
Hinton (W.Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Springs, W. Va) (NC)	1 E;riv,RR S	1520	2[illegible]	Hill W, E.
HOOKSTON FM (Pa)	(- - - -)	308°,32	FM	Pittsburgh.
Huntingdon (Pa)	1 S;riv NE	620	20 S4	80 oct. P-line W.
Ingalls (Hot Springs, Va)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
(P) Johnstown (Pa)	4.7 E;hwy N	2282	45h S4	80,91 oct.
Keystone (Ebensburg, Pa)	3 SW;RR NW	2100	23 S4	87 oct. Obst sur fld.
Latrobe (Pa)	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg (Pa)	1.6 ESE;hwy W	960	30 S6	73 oct. P-line N,NE.
Lewis (Buckhannon, W.Va)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
Lexington (Va)	2.7 SW;hwy S	1200	17 S1	73 oct.P-line NE,SW.
(P) Louis Bennett (Weston,W.Va)	3.2 N;RR E	996	37	Hill S;pole line WNW.
LYNCHBURG Range (Preston Glenn)	206(LB)(116.1)	165°,2.1	SBRAZ-DTV	(4); 116.1 (Va)
Marlinton (W.Va)	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW.
MARTINSBURG Range (W.Va)	209(MR)(116.1)	35°,2.9	BMRLZ-DTV	(4); 116.1
Mayer (Pittsburgh, Pa)	10 WSW;RR S	770	16 S4	80 oct.P-line S.
Mexico Farms (Cumberland,Md)	3 S;RR E	630	36 S2	80 oct. Mtns E.
Moorefield (W.Va)	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
MORGANTOWN Range (W.Va)	269(MG)(116.1)	173°, 5.6	BMRLZ-DTV	(4); 116.1
(P) Morgantown (W.Va.)	2.2 ENE;hwy NW	1254	36h L3 S6	80,91 oct.
MT. PLEASANT FM (Pa)	(- -)	124°,24.7	FM	Pittsburgh
Narrows (Va)	1 E;RR S	1550	20 S2	Ltd 80 oct.Trees W.
NEW ALEXANDRIA FM (Pa)	(-)	85°, 30	FM	Pittsburgh
New Alexandria (Pa)	1.5 ENE;hwy N	1200	18 S4	80 oct. P-line N.
Orange Co. (Orange, Va)	4 E;hwy S		26 S2	80 oct. Data unver.
* Petersburg Int,29,CC-WA(W. (W. Va)	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
PITTSBURGH Range (Pa) (Allegheny Co.)	254(PT)(116.1)	85°,2.2	SBRAZ-DTV	(3); 116.1
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct. (Pa)
Pittsburgh-Greensburg (Greensburg, Pa)	2.3 SE;hwy N	1280	26 L3 S6	80 oct.Twr W.No bndry lgts.
Pitt-Wilkins (Pitcairn,Pa)	1 NNW	1200	17 S2	80 oct.
PRESTON GLENN Tower (Va)	248		C	(4)
(P) [Preston Glenn](Lynchburg,Va)	6.7 SSW;RR SE	935	40h L5 S6	80, 91 oct.
Ridgeway (Bunker Hill,W.Va)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.P-line SSW
Romney (W.Va)	2.1 NNE;riv W	750	16 S2	80 oct.Mtns WNW,ESE,SSE
Ronceverte (W.Va)	2 N;hwy SE	2175	18 S2	80 oct.
Salix (Pa)	0.6 S;RR NW	2200	24 S4	80 oct.
Scott (Tiltonsville,Ohio) (NC)	1.5 SSW;riv E	650	25	
Shenandoah (Va)	0.5 SW;hwy W		19 S1	Data unver.
Somerset (Pa)	2 NNE;RR SE	2200	27 S4	80 oct.P-line W.
Star Valley Arpk (Charleroi,Pa)	2 S;RR W;riv E	765	25 S1	80 oct.Bldg S.Data unver.
Staunton (Va)	4.4 NE;RR NW	1300	26 S6	80,91 oct.P-line NNE.
Stokes (Front Royal, Va)	2.5 W;riv E	735	19 S2	80 oct. P-line S,E.
(P) Stultz (Altoona, Pa)	10.7 NNE;RR N	970	35 S6	80,91 oct.P-line N.Rnwy
SUMMERHILL FM (Pa)	(- - - -)	281°, 22	FM	Altoona data unver.
* Sutton Int,21,CC-WA (W.Va)	3.6 ENE;RR W	1264	32 L3	
Timberlake (Lynchburg,Va)	9.5 SW;RR N	950	26	
Toronto (Ohio)	1.5 NW;riv E	1050	22	
(P) University of Va.(Charlottesville, Va)	5 ESE;riv E	300	35 S6	80,91 oct. Trees ESE.
Valley (Waynesboro, Va)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy
Vandergrift (Pa)	2 WNW;RR E	1000	21 S2	73 oct.P-line NW data unver.
Weirton (Hollidays Cove,W.Va)	1.5 E	1144	16h S6	80 oct. Data unver.
(P) Wheeling Ohio Co. (W.Va)	7.5 NNE;riv W	1190	50h L5 S1	80,91 oct.
Winchester (Va)	3 SSE;hwy E,S	700	22 S6	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and Glide Path in mcs, Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALLEGHENY CO.			95°	IM-	MM-	OM-
					MMK-201 - - - - (0.80)	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bedford, Pa.	5.2 N jct of hwys	1187	18 S4	Fuel.Data unver.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page m)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

74 PITTSBURGH

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

BUFFALO 39

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

MORE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY W. QUADRANTS.

CECIL 219 ---•---
PITTSBURGH 254 (116.1)
ALTOONA 338 (116.1)
MORGANTOWN 269 (116.1)
ELKINS 281 (116.1)
MARTINSBURG 209 (116.1)
FRONT ROYAL 359 (116.1)
GORDONSVILLE 388 (116.1)
LYNCHBURG 206 (116.1)
CHARLESTON 400
PRESTON GLENN 248 RC

GREATER PITT. AAF 396 (126.18)
ALLEGHENY CO. 278 (118.7, 126.18)

CHARLOTTE 110
NORFOLK 111

WASHINGTON 75

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓞ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "W" QUADRANTS.

SYRACUSE 42
HARRISBURG 242 (116.1)
PHILIPSBURG 224
RED 21
RED 3
PHILIPSBURG 349
LEWISTOWN
CARGILL
MT UNION
MT. UNION 104
CARLISLE 18
TO ALTOONA
N. ALTOONA
GREEN 4
CARLISLE
TAYLOR
HARRISBURG STATE 278
SUNSET AWYS
CHAMBERSBURG
PITTS. N.Y.
GETTYSBURG
DOERSOM
N.Y. WASH.
DEVENER
YORK
SEVEN VALLEYS 25
WAYNESBORO PA. MD.
HAGERSTOWN
TANEYTOWN
NEW FREEDOM
C.A.P. BASE NO 332
NORTH END
MARTINSBURG
STEVENS
FREDERICK CITY
RED 17
MARTINSBURG 209
LEESBURG
RED 20
FRONT ROYAL 359
RED 18
BLUE RIDGE
ARCOLA (W) 233
FOR DETAILS IN THIS AREA SEE CHART 78
MANASSAS
WASHINGTON 332 (116.1)
ZIEGER
REMINGTON
PITTSBURGH 74
MCAS. QUANTICO 203
GORDONSVILLE 388
SHANNON
GREEN 5
RED 37
NORTHFIELD
HERMITAGE
CENTRAL
MIDWAY
BLACKSTONE 371
CHESTER
RAWLINGS
TO NORFOLK
HERNDON 22
BELTSVILLE 18
P.A.
N. BALTIMORE
PIMLICO
RUTHERFORD
LISBON
RELAY
GLENBURNIE
WHIPP
ALEXANDRIA 2
MT. VERNON 8
269
DONCASTER 25
DAWN 25
RICHMOND AAB 396 (118.7, 126.18)
RICHMOND 260 (116.1)
WEST POINT
TAPPAHANNOCK
LIVELY
CURRELL'S
SUNBURY
SWATARA VALLEY
GRIMES
PENN-HARRIS
LEBANON CO.
HERSHEY
MILLARD
REIGEL
MIDDLETOWN
TAYLOR
LANCASTER
OLMSTED AAF 396 (126.18)
VALLEY
YORK
LANCASTER
NEW CASTLE CO. 219 KC. 118.5 MC.
NEW CASTLE 350
ALDINO
ABERDEEN
PHILLIPS AAF 201 (126.18)
D.A.
EDGEWOOD ARSENAL AAF
MARTIN 317
KENT
BALTIMORE 278 (118.9)
BALTIMORE 257 (116.1)
FAYBROOK
ANNAPOLIS
NAF. ANNAPOLIS 2870 (142.74)
LEE ANNAPOLIS
EASTON
WEBB
ANDREWS AAF 379
NAS. PATUXENT RIVER 420
NAF. DAHLGREN 275 (142.74)
NAS. PATUXENT RIVER 347 (142.74)
WEBSTER
PINEY POINT
LANGLEY AFF 221
NORFOLK 111
KELLAM
PARKSLEY
JOHNSON
MELFA
NAAS. CHINCOTEAGUE 3295 KC. 142.74 MC.
NAAS. CHINCOTEAGUE 227
NEW YORK 79
NAS, PATUXENT RIVER APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.
DU PONT 388
BOOTHWYN
PENNS GROVE
PHILADELPHIA 266 (116.1)
PHILA. NORTHEAST 371
TO MT. HOLLY
ALLENTOWN-BETHLEHEM
FOGELSVILLE
ESTLER
KUTZTOWN
CONVAIR
EMMAUS
BETHLEHEM-EASTON
ALEXANDRIA
METUCHEN
LAYFIELD
MADEIRA
NEW HANOVER
READING
SMILIN' JACK
POTTSTOWN
LANCASTER MUN
ALLENTOWN 320
FOR DETAILS IN THIS AREA SEE CHART 78
MAIN LINE
COATESVILLE
W. CHESTER
BIGGS
WOODSTOWN
BELLANCA
BUCK'S
GREENWICH
MILLVILLE
MILLVILLE 365 (116.1)
DOVER
DOVER AAF
DOVER AIR PARK
HARTLY
CENTERVILLE
HARRINGTON
DEL. MD.
BRIDGEVILLE
GEORGETOWN
REHOBOTH
HOLLY BROOK
LAUREL
SUSSEX
DELMARVIA
HICKMAN
SALISBURY
MEEKINS NECK
KROELINGER
OVER

DELAWARE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Bellanca (New Castle)	1.5 W	30	25h L1 S5	80,91 oct. Poles N.
Biggs (New Castle)	1 NW; riv SE	60	21 S2	80 oct. Riv S.
Bridgeville	1.5 S	20	27 S6	80 oct. Data unver.
→ DOVER Tower				DECOMMISSIONED
Dover	1.4 ENE	34	19 S2	80 oct. P-line N.
Dover Arpk.	2.2 N; rd W	37	25 S2	80 oct.
(A) Dover AAF (A)	4 SE; hwy E	28	70h	TMP INACT. NO FACS
DuPont (Seaford)(NC)	0.8 WSW; RR NE	25	21	Poles NE. PRIV. RST'D
DUPONT Tower	388		CI	3105, 3117.5, 5582.5 (8-20 daily except Sun.)
DuPont (Wilmington)	3 WNW; RR E	185	29 R1 L4 S4	80 oct. No sto.
(P) Georgetown	1.5 E; RR NW	51	50h	
Harrington	1.8 E; RR W	50	25 S2	80 oct.
Holly Brook (Laurel)	1.5 N; RR, hwy W	40	25 S1	80 oct.
Laurel	1.5 SW; hwy E	30	19 S2	80,91 oct. P-line SE.
NEW CASTLE Range	350 (NC)	19°,2.8	MRLZ	
→ NEW CASTLE Tower	219 (118.5)		CI	(4); 116.1, 118.5, 122.5
(NG) New Castle County (Wilmington)	4.8 SW; hwy SE	75	70h R2 L5 S1	80,91 oct.
Rehoboth Beach Aircrafters	2.5 W; hwy N	10	35 L S6	80,91 oct. Obsts sur fld. Port rnwy lgts.
Sussex (Frankford)	1.5 N; hwy W	30	20 S4	80 oct. Port flares on req.

DIST. OF COLUMBIA

WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1

MARYLAND

Aberdeen Arpk.	1 SW		21 S4	80 oct. Data unver.
Aldino (Churchville)	2.2 NE; RR SE	400	20 S6	80 oct.
Andelot (Worton) (NC)	4 WNW; bay W	25	20	Trees N.
ANDREWS Range (Camp Springs)	248(DCM)	10°,1.2	MLZ	
ANNAPOLIS Tower	2870(142.74)		CN	3105, 2870, 6420; 142.74 (7-17)
Annapolis	2 SE		18h S4	80,91 oct. No sto. Data unver.
BALTIMORE Range	257(BO)(116.1)	12°,2.4	BMRLZ-DTV	(3); 116.1
BALTIMORE Tower	278 (118.9)		C	(4); 118.9, 122.5
(NG) [Baltimore Mun.]	6 SE; RR NE	14	46h R2 L5 S6	80,91 oct.; 100 oct. prior req. Rdo rgrd. Stacks
BELTSVILLE FM	(-)	41°,17.6	FM	Washington, D.C.] N, SE
C.A.P. Base (Westminster)	2.6 N; hwy E	780	20 S4	80 oct. P-line E, NE.
Delmarvia (Salisb'y)	2.8 NE; hwy W	45	21 S6	80 oct. P-line N, E, NE.
DONCASTER FM	(. . - - -)	209°,24.7	FM	Washington, D.C.
(P) Easton	2.2 N; RR E	66	40h L S4	80 oct. No sto. Port lgts
(A) Edgewood Arsenal (A)	1.3 S	18	50h L5 S4	91,100 oct. No ben. CLSD
Faybrook (Rock Hall)	1.5 NNW; bay W	20	14 S4	80 oct. Trees WNW, NNE
Frederick City	1.8 E; riv N, E	305	49	(Frederick)
Glenburnie-Whipp Seaplane Anchor.	1 E; hwy W	56	26 S6	80 oct.
Hagerstown	4.2 N; RR W	700	39h L3 S4	80 oct. Fld lgts prior req.
Hickman (Ocean City)	7.5 NW; riv S	15	25 S4	80,91 oct. Flares
Kent (Worton)	1 N; RR S	60	23 S2	80 oct. on req.
→ Lee Annapolis (Annapolis)	4.8 WSW; hwy E	30	28 S1	73 oct. P-line ESE. Rnwy data unver.
MARTIN Tower	317		CI	(4) (8-sunset, Mon-Fri)
Martin (Baltimore)	10 E; RR N	18	70h R1	PRIVATE.
MEEKINS NECK FM (Navy)	(-)	57,16	FM	Patuxent River.
PATUXENT RIVER Navy Range	420 (NHK)	57°,4.4	MRLZ-D	(3); 142.74
PATUXENT RIVER Tower	347 (142.74)		CN (GCA)	(3); 142.74
(N) Patuxent Riv. NAS (N)	2.9 NE [arboes	38	97h R2 (L6) S4	91,100 oct. JP-1. NATS.
PHILLIPS Tower	201 (126.15)		CA	(3); 126.15 (5-18 Mon.-Fri. 8-1630 Sat. & Sun)
(A) Phillips (Aberdeen)	3.2 S; RR W	57	50h R1 L5 S1	100 oct. CLOSED. (A)
Pimlico (Baltimore)	6 NW; hwy SW	449	32 S6	91,80 oct.
(N) Piney Point	0.8 WNW	10	14h S1	73 oct. Use rnwys only
Rutherford (Baltimore)	7 W; RR W	500	23 S6	80 oct. Twr N.
→ Salisbury	5.3 ESE	52	50h L5 S1	91 oct. Lgts prior req.
Shady Side (NC)	1.8 SSW	10	15	P-line SSW, RR W
Stevens (Frederick)	5.8 N; hwy E	440	28 S6	80 oct. Trees SW, S, W.
Taneytown	2.9 WNW	500	20 S4	80 oct. P-line S, SW, W
Webb (Easton)	2.5 E	50	26 S6	80 oct. No sto. P-line S,
WEBSTER Tower	3345 (142.74)		CN	3105; 142.74 (24 [SE. hrs advance notice)

MARYLAND

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(N) Webster (Priest Point) (N)	1.5 W Ingoes	21	50h R1 S1	Ltd 100 oct. JP-1 on req

NEW JERSEY

Alexandria (Pittst'n)	2 WNW; lk NE	340	18 S4	80 oct. No sto. Trees
Buck's (Bridgeton)	3.7 NNE; RR S	100	18 S4	80 oct. P-line S, W, ENE
Greenwich	2.5 W; riv SW	30	21 S6	73,80 oct. Trees N.
Kroelinger (Vineland)	2.5 NNW; RR E	100	19 S6	80 oct. P-line S, E
MILLVILLE Range	365(NV)(116.1)	144°,4.3	SBRA-DTV	(4); 116.1
(P) Millville	3.3 SW; lk N	68	50h R1 L5 S6	80,91 oct. Fld lgts on req
Penns Grove	3 SE; riv W	10	22 S2	73 oct. P-line W, SSW.
Salem	2 ESE; rd S	15	22	CLOSED.
Woodstown (Auburn)	1.5 SSE; RR E	100	20 S1	80 oct. P-line N, NE.

PENNSYLVANIA

[Allentown-Bethlehem] (Allentown)	4.6 NNE; RR NW	380	40h R1 L5 S6	80,91 oct. Use rnwys only. Fld lgts pri. req.
Berks (Reading)	4.5 NW; hwy SW	360	23 S4	80,91 oct. Hill NW.
Bethlehem-Easton (Easton)	4.5 SW; riv S	360,	23 S6	80,91 oct. No sto. P-line sur fld.
BOOTHWYN FM	(- - -)	260°,9.5	FM	Philadelphia.
Cargill (Granville)	1.5 SW; RR SE	490	29 S2	73 oct. Obsts sur fld.
CARLISLE FM	(- - - -)	284°,18	FM	Harrisburg.
Carlisle	1.8 WSW; RR N	480	23 S2	80 oct.
Centerville (Carlisle)	11.3 SW; RR N	660	23	Trees E, NE. (NC)
Chambersburg	1.2 ESE; RR SW	650	22 S6	80 oct. E/W strip rough
Coatesville	1.6 W; RR S	623	26 L1 S4	80 oct. Obsts sur fld.
Convair (Allentown)	3 SSW	399	40h	
Devener (Hanover)	2 NNE; hwy W	590	20 S6	73,80 oct.
Doersom (Gettysb'g)	2.4 NW; RR N	590	19 S6	73 oct. Pwr line NE.
Estler (Mohrsville)	3.5 W; pond W	390	22 S6	Ltd 80 oct. Trees W.
Fogelsville	0.7 E; RR SE	460	22 S4	80 oct. No sto. P-line SW
Gettysburg	2.8 NNW	600	24 S3	80 oct. No sto. RR SW.
HARRISBURG Range	242(HX)(116.1)	118°,1.1	SBRAZ-DTV	(3); 116.1
HARRISBURG Tower	278		C	(4); 116.1, 122.5
(N) [Harrisburg State]	3.5 S; RR N	344	40h R2 L5 S4	80,91 oct. Svcg days
→ Hershey	1.1 NNW; RR S	415	21 S2	80,91 oct. NATS
Kutztown	1.5 S; RR SE	400	25 S4	73 oct.
Lancaster	1.5 NNW; RR SW	320	26 S6	73,80 oct. Pwr line W
Lancaster, 35, CO-PG	5.5 N; hwy W	365	27h L4 S4	80 oct. Poles S, WSW.
Layfield (New Hanover)	2 NE; hwy W	320	17 S6	80 oct. Trees NE.
Lebanon Co. (Myerstown)	1.8 W; hwy S	525	17 S5	80 oct.
Lewistown	4 SW; riv SE	660	19 S6	80 oct. W ded hill NW.
Madeira (Reading)	3.2 N; RR W	360	20 L S6	80 oct. Port flood lgts.
MIDDLETOWN FM	(- -)	118°,9	FM	Harrisburg.
Millard (Annville)	1.5 SW	400	18h S5	80,91 oct.
(P) Mount Union	4 S; hwy E	560	30 S4	80 oct.
→ New Hanover	0.5 W; hwy SE	320	30 S6	80,91 oct. Rnwy data unver.
OLMSTED Tower	396(126.18) +		CA	(4); 126.18
(A) Olmsted (Middletown) (A)	1 W; RR N	300	50h R1 L5 S6	62-100 oct. JP-1. Poles N, NE. Riv S.
Penn-Harris (Harrisburg)	4 ESE; RR N	400	18 L S6	80,91 oct. Flood lgts.
PHILADELPHIA Rng (Southwest)	266(PG)(116.1)	97°,3	SBMRAZ-DTV	(4); 116.1
Philadelphia Main Line (Paoli)	2.8 WNW; hwy S	310	21 S4	No fuel. P-line ESE.
Pottstown	4.5 E; hwy N	311	30 S6	80 oct. Bldg NW.
[Reading]	3 NW; riv E	342	52h L6 S6	B-21 lgts prior req. ARMY TMP INACT. CIVIL FACS.
Reigel (Campbell'n)	1 N; hwy N	475	20 S4	80 oct.
Schuylkill (Pottsv'l)	8.3 ESE; lk SE	510	29 L S6	80 oct. Port rnwy lgts. Hills E, NE, SW
SEVEN VALLEYS FM	(- - -)	172°,25	FM	Harrisburg
Smilin' Jack (Douglassville)	1.3 NW; RR S	200	24 S4	80 oct.
Sunset Arwys (Chambersburg)	3.5 NNE; rd E, S	650	25 S1	80 oct. P-line E, NNW
Swatara Valley	4 WSW; RR N	486	21 S4	80 oct. (Pine Grove)
Taylor (New Kingston)	0.5 SE; hwy N	440	28 S6	80 oct. P-line N.
Valley Arpk (York)	3 ENE; RR N	420	21 S6	80 oct. Poles ESE,
Waynesboro	3 SE; hwy N	700	20h S6	80 oct. NNW.
West Chester	2.5 NE; lk S	470	32 S4	80 oct.
Womelsdorf	3 NW; hwy E	540	13 S1	73 oct.
York	8.3 WSW; RR E	500	19 L S6	73,80 oct. Flood lgts. Pole N.

VIRGINIA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
ARCOLA Range	233 (EC)		SMRAWZ	
Blue Ridge (Herndon)	4 WSW; hwy NE	280	30	P-line E.
Central (Richmond)	2.5 ENE; RR W	172	45 S6	80 oct. Poles WNW, SE.
CHESTER FM	(- -)	218°,9.15	FM	Richmond
CHINCOTEAGUE Navy Range	227 (NKZ)	98°,4.5	MRLZ	3105, 4495; 142.74 (V-7-24)
CHINCOTEAGUE Twr	3295 (142.74)		CN	(3); 142.74 (8-17)
(N) Chincoteague NAAS	4.5 WNW; hwy S	38	60h R2 L5 S4	100 oct. (N)
Currell's (Weems)	1 N; jct or rivs		17 S1	80 oct. P-line SE. Use strips only. Data unver.
DAHLGREN Tower	375 (142.74)		CN	(3); 142.74 (8-16 except
(N) Dahlgren NAF Proving Grnds. (N)	0.5 E	20	40h R1 L5 S2	100 oct. CLSD. [Sun.)
DAWN FM	(- - - -)	3°,25.1	FM	Richmond
Harcum (NC)	0.2 NW	85	40	Poles. Rnwy data unver.
Hermitage (Richm'd)	3.2 NNW; RR W	200	20 S6	80 oct. Trees, poles E, W
HERNDON FM	(- - - -)	317°,21.8	FM	Washington, D.C.
Hummel (Greys Pt.)	3 NE Harmony	30	21	Obsts sur fld. (NC)
Johnson (Ononcock)	1 ESE; RR E	34	22 S1	80 oct.
Kellam (Weirwood)	0.3 SW; RR E	15	20 S1	73 oct. Trees NE, SE.
Leesburg Arpk.	0.7 ESE	280	26 S6	80 oct. P-line NE.
* Lively Int. 6, NW-WA	3.4 WSW; riv W	15	34 L3	35' trees, bldgs NW.
Manassas	2.7 NW; RR S	250	21	P-line SW, SSE.
(P) Melfa Figt Strip	1.3 W	48	70h	
Midway (Chester)	2 E; hwy S	178	26 S2	80 oct. 20-50' trees E.
* Milford Int, 49B, AG- → LG	1.5 S; RR W			ABANDONED.
MT. VERNON FM	(. . - - -)	207°,8.2	FM	Washington, D.C.
MT. VERNON K Fac.	269 (W)	209°,5.2	FMK	Washington, D.C.
Northfield (Richm'd)	3 N; hwy W	197	20 S4	80 oct.
Parksley	0.6 WNW	25	18 S4	80 oct.
QUANTICO Navy Range (MCAS)	203 (NYG)	20°,4.6	MRLZ	3105, 4495
RICHMOND Range	260(RW)(116.1)	20°,1.9	SBRAZ-DTV	(3); 116.1
RICHMOND Tower	396(126.18, 118.7)		AC (ILS-W)	(4); 122.5, 118.7, 126.18
(A) [Richmond AAB] (A)	7.3 ESE; RR S	167	50h R3 L5 S4	73, 100 oct.
Shannon (Fredericksburg)	1.8 SSE; riv E	50	23 S6	80 oct.
(A) Tappahannock Figt Strip (A)	0.8 W	30	40h	8000' strip avail. CLOSED.
(P) West Point	2.3 ESE	24	50h S4	80,91 oct. Riv SSW,
Zieger (Warrenton)	3.7 S; hwy NE	440	20 S2	80 oct. Hill W, NW.

WEST VIRGINIA

(P) Martinsburg	4 S; hwy W	550	50h R1 L5 S6	80,91,100 oct.
North End (Martinsburg)	2.5 NNE; RR W	515	28 S2	80 oct. Pole line N.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER BEACONS & MILEAGE (PLUS COMPASS LOCATORS)		
RICHMOND AAB	109.9		63° Mag.	IM- (0.17)	MM- ----- (0.90)	OM- --- (4.36)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

→ Emmaus (Penna)	0.5 NW		20 S4	80 oct. Data unver.
→ Grimes (Bethel, Pa.)	1.7 ENE; hwy S	582	29 S6	80,91 oct. No sto. Mtn NE

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page vi)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

RADIO

DIST. OF COLUMBIA

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANACOSTIA NAS Tower	396(142.74)		CN	(3);142.74(7-sunset & on req.)
BOLLING Tower	212(126.18, 137.88)+		CA	(3); 126.18,137.88
WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1
Washington Nat'l. Tower	278 (126.18, 118.5)		AC (ILS-W)	(4);118.5,126.18,122.5

MARYLAND

ANDREWS Army Range	248(DCM)	10°,1.2	MLZ	
Andrews Tower	317 (126.18)+		CA(ILS-W)(GCA)	(3); 126.18
BELTSVILLE FM	(-)	41°,17.6	FM	Washington, D.C.
DONCASTER FM	(. . - - - -)	205°,24.7	FM	Washington, D.C.

PENNSYLVANIA

BOOTHWYN FM	(- - -)	260°,1.5	FM	Philadelphia
HOLMESBURG LFM	(- - -)	238°,6.5	LFM	NE Philadelphia
JOHNSVILLE Tower	284(142.74)		CN	3105 cont.;4495,6210;116.1, 126.18,140.58,142.74 on req. (8-1/2 hr. past sunset)
MUSTIN NAAF Tower	251 (126.18, 142.74)		CN	(3); 126.18,142.74 (7-sunset, other hrs. on req.)
PHILADELPHIA SW Range	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia SW Tower	278 (118.1)		CI	(4); 118.1
Philadelphia NE Range	371 (NF)	238°,2.8	MLWZ-DT	
Philadelphia NE Tower	278		CI	(4)
WILLOW GROVE Navy Range	391 (NXX)	241°,3.35	MRLZ	(3); 142.74
Willow Grove NAS Tower	356 (142.74)		CN	(3); 142.74 (days only except on 1 hr's advance notice)
WINGS Tower	278		CI	3105 (9-17)

VIRGINIA

ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
HERNDON FM	(- - - -)	317°,21.8	FM	Washington, D.C.
MOUNT VERNON	269 (W)	209°,8.2	FMK	Washington, D.C.
MOUNT VERNON FM	(. . - - -)	209°,8.2	FM	Washington, D.C.
QUANTICO Navy Range	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
Quantico MCAS Tower	3295 (142.74)		CN	(3); 142.74

NEW RADIO FACILITIES

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WASHINGTON	109.9	333.8	360° Mag.	IM- ·····(0.03)	MM-	OM- --(3.60)
					MMK-	OMK-
ANDREWS (A)	110.3	335	10° Mag.	IM- (0.05)	MM- (1.20)	OM-
					MMK-379 (1.20)	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

DIST. OF COLUMBIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Anacostia NAS (Washington) (N)	2.4 SE of Monument	8	50h R1 L5 S4	100 oct. No bcn.
(A) Bolling (Washington) (A)	3 SSE of Monument	20	60h R1 L5 S6	73,100 oct. Ridge E.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct. JP-1 on req. FOREIGN CLEAR. STN. NATS

MARYLAND

(A) Andrews (Camp Springs)(A)	1.5 E	279	55h R3 (L6) S4	80, 100 oct. JP-1.
(N) Beltsville OLF (N)	5 ESE	180	40h	Fld open 0900-1530 daily
Capital (Berwyn)	2 NW; RR E	70	20 S4	80 oct. Pole line S.
College Park	8.5 NE of D.C.	50	22 S6	80 oct. Hill SE. RR NW.
Columbia Air Ctr. (Croom)	3 E; RR W	40	20	Trees N, NNW.
Congressional (Rockville)	2 SSE; hwy E	450	32 S6	80 oct. Pole line E, NE.
Curtis (Brandywine)(NC)	3 SSW; RR E	200	18	Pole line N, W.
→ Erco (Riverdale)	0.4 NE; RR W	50	15h S1	80 oct. Trees E, NE, SW.
(A) Fort Meade (A)	0.5 NE ctr of reservation	180	20h	

MARYLAND

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Hyde (Clinton)	2 WSW	249	32h S6	80, 91 oct. Trees WNW, NE.
→ Maryland (Pomonkey)	0.2 S; RR S	170	32 S6	80,91 oct. Rnwy data unver.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	10 S6	80 oct.
Schrom (Greenbelt)	0.3 SW; hwy W	177	27h S6	80 oct. Trees NW, SE

NEW JERSEY

Almonesson	0.6 NNW	50	18 S6	73 oct. Pole line NNE, SSE.
Bridgeport	0.8 ESE; RR N	23	18 S4	80 oct.
Burlington Airpark	1.7 NE		24 S4	80 oct. No sto. Data unver.
→ Central (Camden)	1.8 E;riv S,W	20	25h L4 S4	80,91 oct.
Echelon (Ashland)	0.5 SE; RR W	100	27 S6	80, 91 oct. Pole line NW.
Marlton-Medford Inc. (Marlton)	1.5 ENE	80	30 S2	80 oct.
Mercer County, new (Trenton)	5 NW; RR SE	211	40h	
Mercer County, old (Trenton)	5.8 NW; RR E	200	25 S1	73, 80, 91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35 S6	80 oct. No sto. Obsts sur fld.
Moorestown	1 NNE; RR S	70	18 L S4	80 oct. Port. runway lgts on req
Pitman	1.6 NNW; RR E	100	17 S6	80 oct. Pole line S, SSW.
Triangle (Glassboro)	4.3 ENE	150	18 S2	80 oct. Pole line SW.

PENNSYLVANIA

Benedict (Chester)	6.5 W	400	26 S2	80 oct. Data unver.
Boulevard (Philadelphia)	12 NE; RR SW	160	22 S4	80 oct. Obsts sur fld.
Buckman (Chester)	2.3 WSW; RR NW	90	20 S4	80 oct. No sto.
Budd (Philadelphia)	12.5 NE; RR N	240	44h	
Doylestown	1.5 NNE; RR SW	400	22 S6	80 oct.
Gloster (Montgomeryville)	0.7 SE; hwy W	460	22 S1	80 oct. Pole line SE, S, W.
Grants (Quakertown)	4 WNW; hwy E	600	18 S6	80 oct.
(N) Johnsville (N)	0.8 NW; RR E	366	46h R1 S4	91,100 oct.
Kaiser (Bristol)	2 N; riv SE	35	38h	Pole line SW. RESTRICTED.
Lansdale	1.6 ESE; hwy SE	450	26 S6	80,91 oct. No sto. Poles NE.
Morrisville	1.6 W; riv E	180	28 S4	80 oct.
(N) Mustin NAAS (Philadelphia)(N)	4 S; riv S	16	48h R1 L5 S6	100 oct. Pole line NE.
Old Star (Langhorne)	2.4 E; RR N	180	24 S5	80 oct. No sto. Poles N, S.
Patco (Norristown)	2.5 SE; bet RRs	200	19 S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE; rds NE	280	32 S6	80 oct. Obsts sur fld.
(P) Philadelphia Northeast	12.2 NE; hwy W	106	50h R2 L5 S1	80,91 oct. Rdo rqrd.
PHILADELPHIA SOUTHWEST	6.5 SW; riv SW	10	54h R2 L6 S6	82,91 oct. Rdo rec rqrd.
Quakertown	2 W; hwy E	511	21 S6	80 oct. Data unver.
Somerton (Philadelphia)	14 NE; RR N,E	200	25 S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW; riv NW	250	24 S6	80 oct. Riv SE.
(N) Willow Grove NAS (N) NATS	4 NNW; hwy E	369	40h R2 L5 S4	91,100 oct. No sto.
Wings (Ambler)	3 WSW; rds E,W	350	25 R1 S6	80,91 oct. Trees N,S.

VIRGINIA

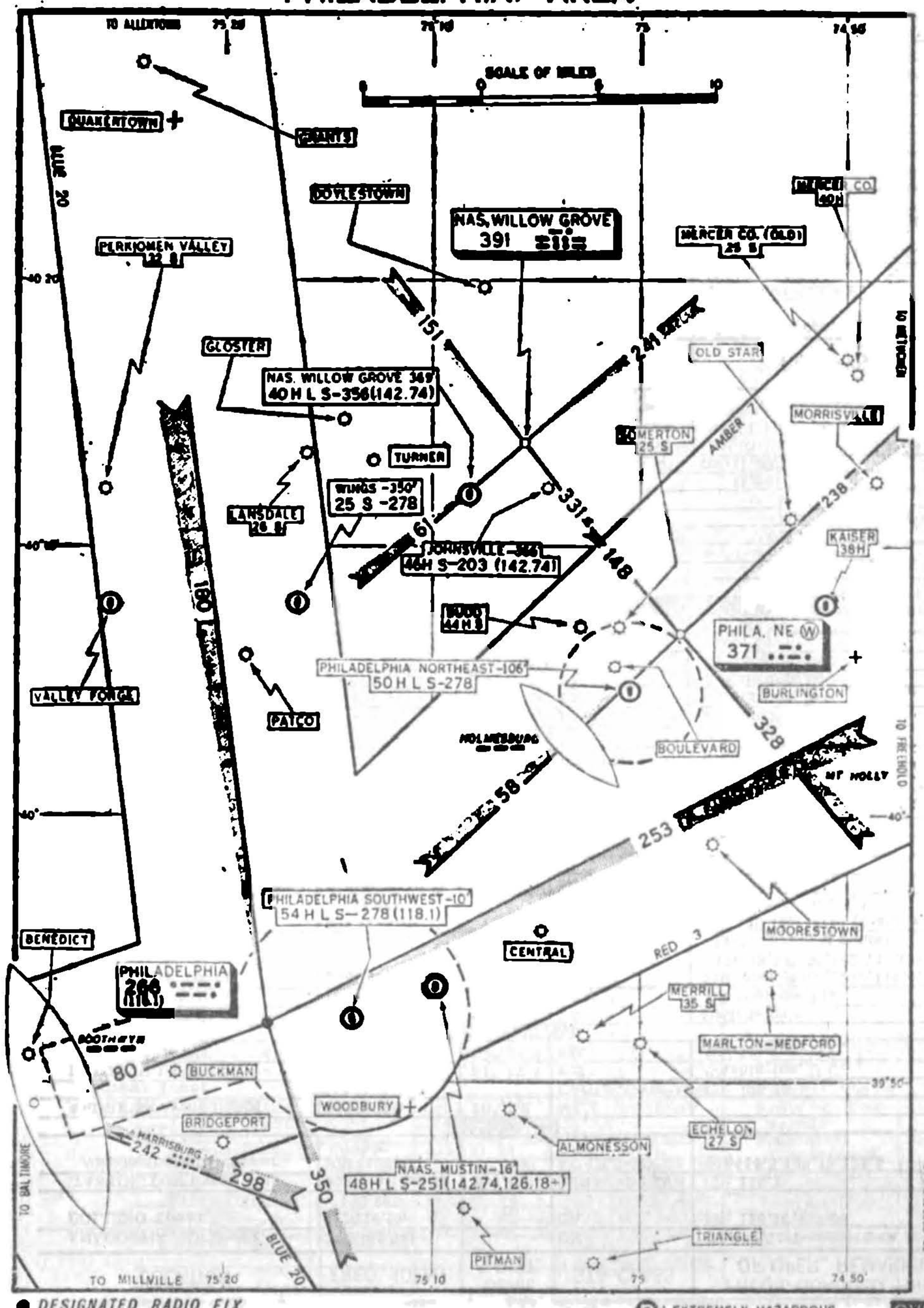
Beacon (Alexandria)	3 SSW; hwy E	240	24 L1 S6	80 oct. No sto. Pole line S.
Crossroads (Alexandria)	4.5 NW; RR E	250	20 S1	Ltd 80 oct.
Falls Church Airpark	1.9 SW	350	26 S6	No sto. Data unver.
Hybla Valley (Alexandria)	See Alexandria under "New Airports" - name changed.			
(N) Quantico MCAS (N)	1.2 SSW; RR W	10	42h R2 L5 S6	73,91,100 oct.
Springfield (Annandale)	3.5 SSE; RR E,N	240	20 S4	80 oct. No sto. Obsts sur fld.

NEW AIRPORTS

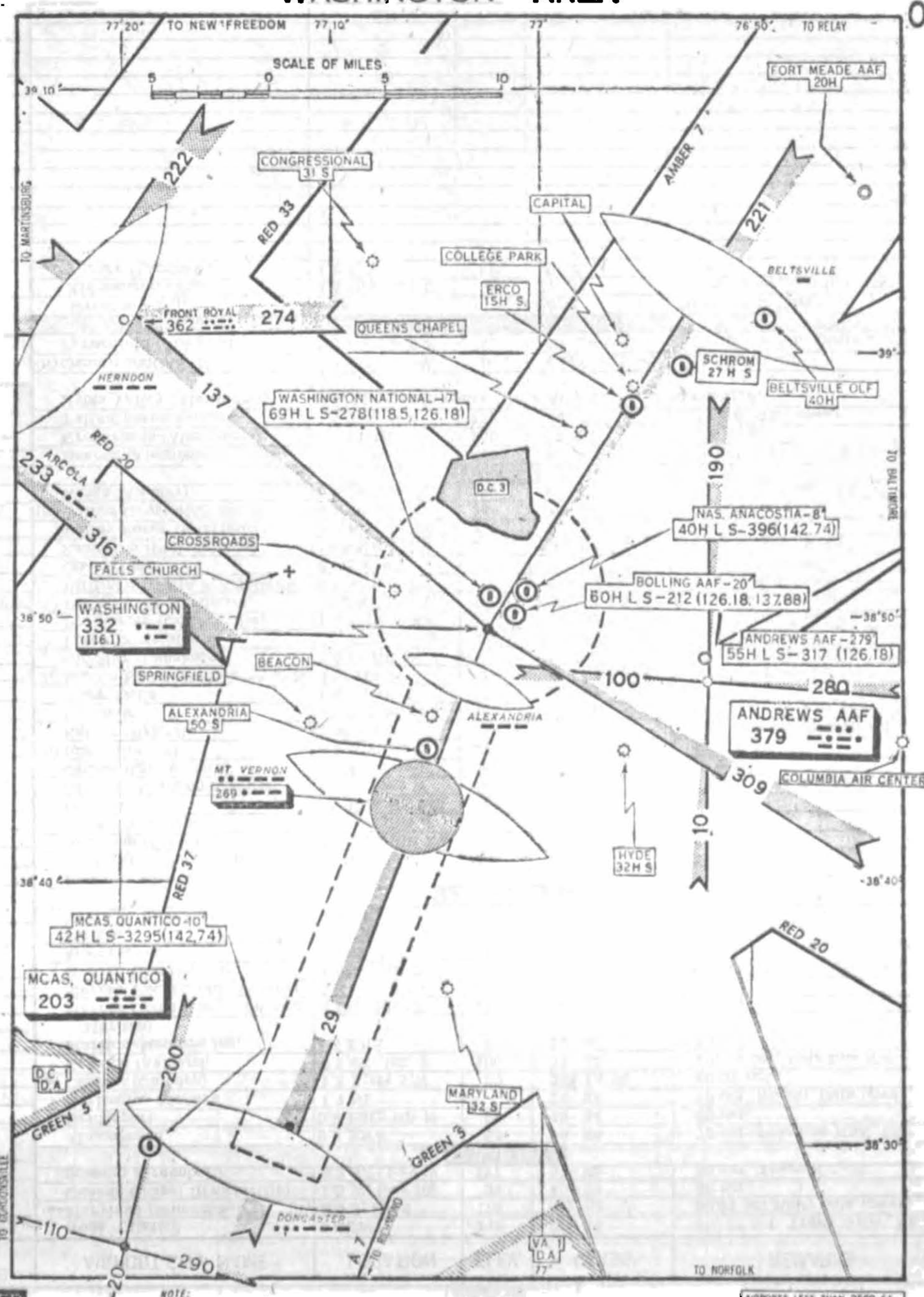
Woodbury (N.J.)	2 S		20 S4	80 oct. Data Unver.
Alexandria, (Va.)	4.5 SSW; hwy E	66	50 S6	80 oct. Trees, pole lines surfield.
→ Turner (Lansdale, Pa.)	4.2 ESE	375	19 S6	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA

PHILADELPHIA AREA



WASHINGTON AREA



● DESIGNATED RADIO FIX
● NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION

OVER

NOTE:
MVFR LOW LINES ON SIDES OF ARROW
MVFR VISIBILITY 3 QUADRANTS.

AIRPORTS LESS THAN 2500 FT.
IN LENGTH, HAVING UNPAVED
RUNWAYS AND NO LIGHTS, CARRY
NO CLASS IN AIRPORT BOX

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

ALBANY 43

LAKE SUSQUEHANNA
TRINCA
AIRCRAFT RADIO CORP
LINCOLN PARK
MURCHIO
PATTERSON
NEW HACKENSACK 236
NEW ROCHELLE 275
PORT CHESTER 16
STEWART 236
CALDWELL-WRIGHT 254 126.18
TETERBORO 326
YONKERS
LITTLE FERRY
NEW ROCHELLE
GLENCOVE
HACKETTSTOWN
E. HANOVER
MORRISTOWN
LA GUARDIA 362 116.1,118.1,118.7,126.18
LA GUARDIA 209 (116.1)
AVIATION COUNTRY CLUB
HICKSVILLE
GRUMMAN 323
CARLL
MASTIC
MACARTHUR 278
NEWARK 341 (116.1)
NEWARK 278 118.3,126.18
HOLMES 233
FLUSHING
GREAT NECK
ROOSEVELT
REPUBLIC 371
ZAHNS
FITZMAURICE
MASPETH 317
MITCHEL AAF 396 126.18
SOMERSET HILLS
LEBANON 32
WESTFIELD
ELIZABETH
FLATBUSH 16
COLUMBIA
IDLEWILD (W) 248
MITCHEL AAF 227
NEW YORK
NW JERSEY
ALLENTOWN 320
SOMERSET
SHINN-WOODBRIDGE
FLATBUSH 353
CONEY ISLAND
ROCKAWAY
ROCKAWAY 5
SOLBERG-HUNTERDON
HADLEY
HUGHES
STATEN IS.
MITCHEL
FLOYD BENNETT 379
NAS. FLOYD BENNETT 532
LONG BEACH
NO. BRUNSWICK
METUCHEN 13
PRINCETON
MATAWAN(W)(VHF) 108.7
NAS. FLOYD BENNETT 388 142.74
AMBROSE
PENNINGTON
RED BANK
MERCER CO.
MERCER CO. (OLD)
NASSAU
FREEHOLD 48
HIGHTSTOWN
ASBURY PARK
ASBURY PARK 20
OLD STAR
MORRISVILLE
SKYHAVEN
MONMOUTH CO.
PHILA. NE(W) 371
KAISER
BURLINGTON
LAKEWOOD
CASSVILLE 3
NAS. LAKEHURST 3295 142.74
FORT DIX AAB
PHILADELPHIA 266
MT. HOLLY
TOMS RIVER
MOORESTOWN
NAS. LAKEHURST 520
MILLVILLE 365
FORKED RIVER 15
FORKED RIVER

EXTENSIVE FLEET AIR OPERATIONS IN OFF-SHORE AREA TO APPROX 100 MI SEAWARD. N. BOUND. U.S.-CANADIAN BORDER. S. BOUND. LAT 35-00

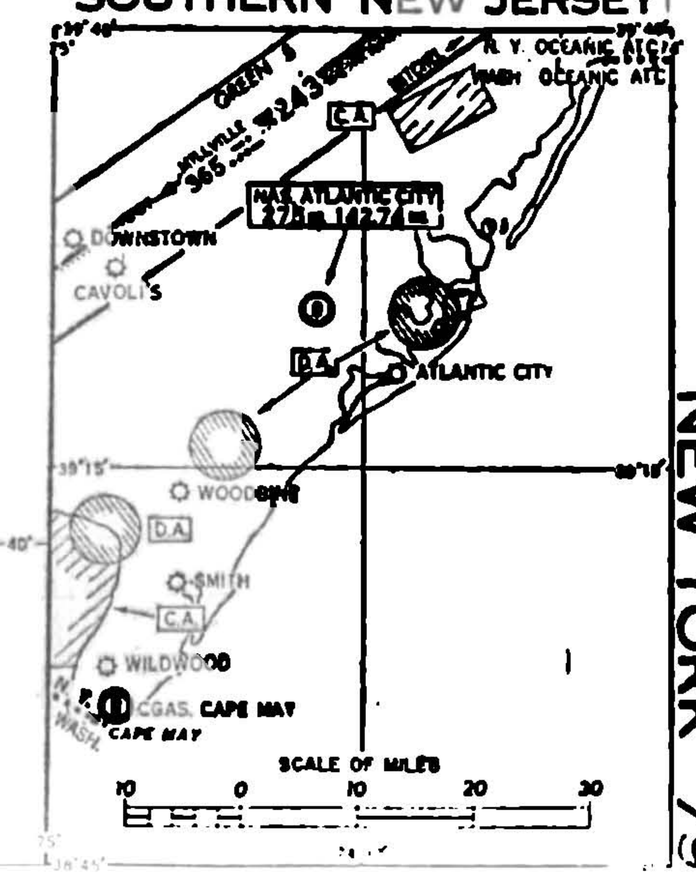
NOTE.
HEAVY LINES ON SIDES OF BASIN LEGS INDICATE 'O' QUADRANTS.

REMAIN ABOVE 3000' NEAR LAKEHURST. ALSO BETWEEN THE NAS AND COAST (INTENSIVE AIRSHIP ACTIVITIES) UNLESS APPROVED BY THE NEW YORK CENTER

ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA

OVER

SOUTHERN NEW JERSEY



NEW YORK 79

RADIO

NEW JERSEY

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
ATLANTIC CITY NAS	275(142.74)	CN	(3): 142.74 (8-sunset)
CALDWELL-WRIGHT	254 (126.18)	CI	(4);126.18,122.5 (830-sunset, Mon-Sat,9-sunset Sun)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 222°, 47.5	La Guardia, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. . - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV;58°,1.0	(3); 116.1
Newark Airport	278(126.18,118.3)	AC(ILS-W)	(4); 122.5,126.18,118.3
TETERBORO (Bendix)	326	CI	3105,6210,3117.5;122.5

NEW YORK

→ CLASON POINT LFM			DECOMMISSIONED
FLATBUSH	353 (F)	FMK, 222°,16.1	La Guardia
FLATBUSH FM	(- - -)	FM, 222°,16.1	La Guardia
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	388(142.74)	CN(GCA):122°,1.9	(3);142.74 (8-17)
Floyd Bennett Fld NAS	532	K	
GRUMMAN (Bethpage,L.I.)	323	CI	(8-1630,Mon.-Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°,2.3	
LA GUARDIA (New York)	209(LG)(116.1)	SBRAZ-DTXV;222°,3.2	(3);116.1
La Guardia Field	362(126.18,118.1 118.7,116.1)	AC (ILS-W)	(4);126.18,118.5,118.1,122.5 118.7, & airline freqs.
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays)
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAPZ-DT301°,3.2	(3)
Mitchel Field	393(126.18) +	CA(ILS-W)(GCA)	(3);126.18(approach control)
→ NEW YORK (La Guardia)			DECOMMISSIONED
NEW ROCHELLE FM	(-)	FM, 42°, 5.6	La Guardia
NEW ROCHELLE	275 (R)	FMK, 42°, 5.6	La Guardia
PORT CHESTER FM	(. -)	FM; 42°, 16.5	La Guardia
REPUBLIC FIELD(Farmingdale)	371	CI	(3) (days only)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5.0	Floyd Bennett

PENNSYLVANIA

PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.8

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ LA GUARDIA	109.9 ·—·	333.8	44° Mag.	IM- (0.04)	MM- ·····(0.81)	OM- ——(4.49)
					MMK-233 —·(0.81)	OMK 317 ·—·(4.49)
→ MITCHEL(L6)(A)	110.3	335	301°Mag.	IM- (0.04)	MM- ·····(0.87)	OM- ——(4.14)
					MMK-257 ——(0.87)	OMK-272 ·——(4.14)
NEWARK (L6)	110.3 ·—·	335	58°Mag.	IM-	MM- ·····(0.61)	OM- —— (4.64)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice. + —Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Aero-Marine Terminal (Keyport)	1 NE;RR S			ABANDONED.
Acft.Radio Corporation (Boonton)	2.6 N;riv S	550	32	Poles N,E.PRIVATE.
Asbury Park Air Terminal	4.5 W;rd N	100	21 S4	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	91,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N,E	100	20 S4	80 oct. Pole line NNE.No sto.
Clarke (Ocean City)	2.8 SW;RR SE	8	23	
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	
Downstown (Landisville)	1.8 WNW;RR S	120	23 S1	80 oct. Pole line N.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.Rnwy data unver.
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.
Hackettstown	2 SSW;RR N	560	30 S2	73, 80 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80 ,91 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S4	91,100 oct.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.5 SE;lake NW	26	S4	80,91 oct. Data unver.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	40h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;rd E	180	30 S5	80 oct.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto.
Murchio (Paterson)	4.5 WNW;rd N	350	32 S4	80 oct, Trees N.
(A) NEWARK	3.5 SSE;RR E	10	79h R3 (L6) S6	80,91,100 oct.JP-1.No sto.2-way rdo rqrd. FEE
North Brunswick	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.5 W;RR S	380	19	Poles N,S.
Ocean Co. (Adamston) (NC)	1 SW;riv N	14	21	Obsts sur fld.
Pennington	2 ESE;RR W	230	20 S6	80 oct.No sto.Pole line ESE.
Princeton	3 N;riv E	160	27	Pole line E,ESE.
Red Bank	1 S;RR E	80	25 S6	80,91 oct. Pole line W.
Shinn-Woodbridge (Woodbridge)	3.9 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;RR W	20	19	Pole line WNW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	50 L S6	80,91 oct. Data unver.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on
Trenton (NC)	6 NE;RR 1 SE	70	15	Restricted to USFS. req.Rnwy data unver.
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h	Obsts S.
(P) Woodbine	2 SE	39	25h	Trees sur fld. At jct of RRs.

NEW YORK

Bender's-Brentwood (Brentwood)	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)(N)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. NATS
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	115	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
(P) Mastic Flight Strip	2.6 NW	66	40h	
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	90	54h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN
Nassau (Hempstead) (NC)	4.5 E;hwy N	80	21	CLEAR, STN.
Republic (Farmingdale)	1.3 ENE;RR N	85	66h R1 L5	NE blckd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.

PENNSYLVANIA

Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.

NEW AIRPORTS

Aviation Country Club (Hicksville)(N.Y.)	2 S;hwy S	104	24 S6	80,91 oct.
Nassau Arpk (Clarksville,N.J.)	1 NE;RR SE	80	30 S4	80 oct.
→ Toms River, (N.J.)	1.5 NNE		19 S2	80 oct.Water tanks S.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°, 25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°, 41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(116.1, 111.1)	SBRAZ-DTV, 149°, 0	(4);116.1, 122.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°, 16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°, 42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18, 118.3, 122.5
LONG BEACH	233(HB)(116.1 111.1)	SBMRLZ-DTV, 296°, 3.9	(3);116.1, 122.1
LOS ANGELES	260(LA)(116.1	SBRAZ-DTXV, 244°, 5.8	(3);116.1, 122.1
LOS ANGELES	109.1(LA)(111.1)	BVAR; 88°, 2.0	
MARCH FIELD (Riverside)	201 (126.18)+	CA	(3); 126.18
MIRAMAR MCAS (San Diego)	3295(142.74)	CN(GCA)	(3); 142.74
MOJAVE NAS			DECOMMISSIONED
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219(126.18)	CA; 64°, 2.2	(3); 126.18
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV, 317°, 0.1	(4); 116.1
OCEANSIDE	326(OC)(116.1)	BHTV	(4); 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°, 34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-DTV, 216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105;142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(116.1, 111.1)	SBMRAZ-DTV, 128°, 2.9	(4);116.1, 122.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
SAN CLEMENTE ISLAND OLF			DECOMMISSIONED
SAN DIEGO (Lindbergh Field)	224(SQ)(116.1 111.1)	SBRAZ-DTV, 139°, 2.3	(3);116.1, 122.1
San Diego NAS	266 (142.74)	CN	(3);126.18, 142.74
San Diego NAS (Seaplane)	2870	CN	2870
TRONA (Int.)	323 (EW)	SMRAWZ, 349°, 11	
VICTORVILLE AAF	278 (126.18)	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

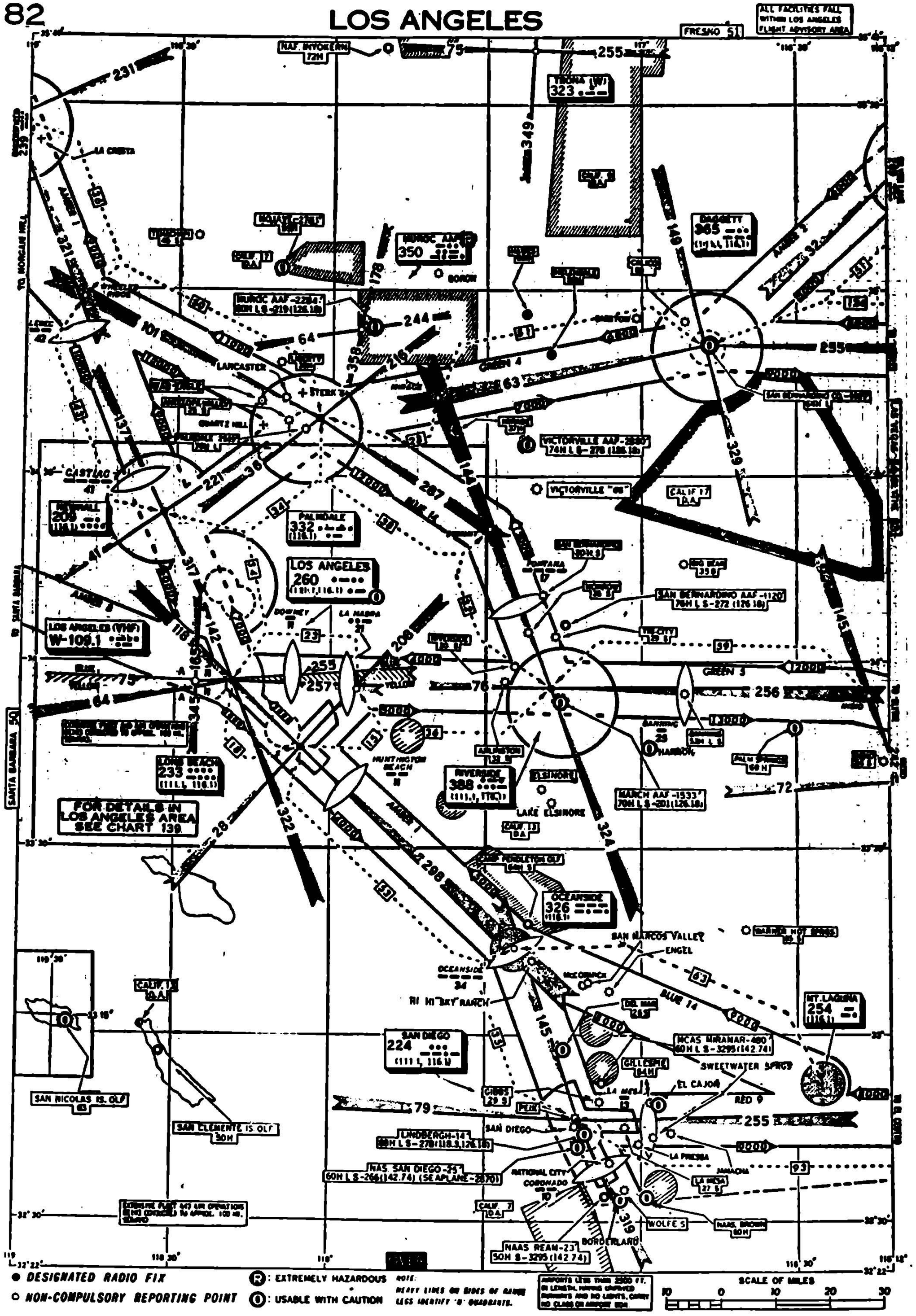
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S, hwy E	2470	25 L S2	Ltd 73 oct. Port rnwy lgts
Arlington (Riverside)	4.5 WSW, RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE, RR N	2190	52h L5 S5	80,91 oct. No sto.
Barnes (Rosamond)	12 E, rd N	2300	38	(NC)
Barstow	1.8 N, hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW, hwy S	6850	35 S1	80,91 oct.
Borderland (San Ysidro)	1.5 WNW, RR W	80	18 S6	80,91 oct. No sto. Pole line SE.
Boron	0.5 NE, RR S	2550	21 S1	80 oct. Poles E. Data unver
(N) Brown NAAS (Otay) (N)	5.5 ESE	523	60h	INACTIVE.
Buffalo Springs (Avalon) (NC)	7 NW	1560	35	On Catalina Island. PRIVATE.
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside) (N)	6 NNE, RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island) (N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea) (N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct. 1000' paved rnwy. Data unver.
El Cajon	2.5 N, hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE, RR N	1256	26 S4	80 oct. No sto. Hills NW.
Engel (Escondido)	1.5 W, RR N	630	19 S4	73,91 oct. No sto. Trees SE, hill NW.
Gibbs (San Diego)	7 NNE, hwy W	405	29 S4	87 oct. No sto. Poles NE, E
(N) Gillespie MCAAF (N)	1 SSW, rd E	385	54h	Towers W. (Santee)
Harmon (San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
(A) Hawes (Victorville) (A)	27.5 N, RR N	2319	56h	CLOSED
Hi Hi Sky Ranch (Oceanside)	1.5 ENE, RR S	48	18 S6	80,91 oct. No sto. Trees NE, SW.
(A) Helendale (Victorv'l)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE, RR SW	-12	34 S4	80 oct. No sto. Pwr line W
(N) Inyokern NAF (N)	0.5 WNW, RR E	2455	72h	NATS
Jamacha (La Mesa)	6.8 ESE, rly N	520	18 S6	80,91 oct. Hills E.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
Lake Elsinore (Elsinore)	4 SSE, lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW, hwy N	500	27 S4	80 oct. Pole line SSE.
Lancaster	0.5 NW, RR E	2330	22 S4	73 oct. No sto. Poles E, S
La Presa (La Mesa)	4 S, hwy W	275	19 S4	80 oct.
Liberty (Rosamond)	4.1 S, RR E	2300	39h	80,91 oct.
(A) LINDBERGH (San Diego) ARPT OF ENTRY	2 W	14	88h R2 L5 S6	ARMY TMP INACT: CIVIL FACS
(A) March (Riverside) (A)	8.8 SE, RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEARSTN
McCormick (San Marcos)	1.5 WSW, RR N	550	21 S6	80,91 oct. Poles E.
(A) Mirage (Victorville) (A)	18 WNW, rd S	2865	37h	CLOSED
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct. No ben.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N) (NAS)	0.7 E, hwy W	2751	59h	INACTIVE
Morrow (Rialto)	1.8 S, RR N	1100	35 S5	80,91 oct. Pwr line W.
(A) Muroc AAF (A)	2 S, dry lake N	2284	80h R2 L5 S6	73,100 oct. JP-1. No sto.
National City	1.1 SSE, RR W	10	22 S4	80 oct. Poles, stack NW.
(P) Palmdale	3 NE, RR W	2549	70h R1 L5 S2	91,100 oct.
(P) PALM SPRINGS	2.5 E, RR NE	448	69h L5	Lgts prior req.
Pelk (San Diego)	4.8 WNW	20	28 S4	80 oct. No sto. Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S6	80,91 oct. Port rnwy lgts. Data unver.
Randsburg (NC)	1.8 NE, rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N, RR W	400	15	
San Bernardino	4.7 NNW, RR W	1425	30h L S6	80,91 oct. Port rnwy, obst lgts prior req. Rnwy data
(A) San Bernardino AAF (A)	3.5 ESE, RR SW	1120	76h R1 L5 S6	62,73,91,100 oct, unver JP-1
San Bernardino Co. (Daggett)	5 E, RR S	1927	64h R1 L3	
(N) San Clemente Island OLF (N)	8 S of N end	926	50h	INACTIVE.
San Diego	5 NW, bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NATS
San Marcos Valley (San Marcos)	1 W, RR, hwy S	530	19 S4	80 oct. No sto. Hill NE
(N) San Nicolas Island OLF (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE, hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N, RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE, RR S	1015	29 L S4	91,80 oct. Poles SE, W. Port rnwy lgts.
(A) Victorville AAF (A)	6 NW, RR E	2880	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW, RR E	3225	32 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W, hwy N	2348	31	
Warner Hot Springs	3 W, hwy NE	3140	35 S1	Ltd 80 oct. Trees E, S
Wolfe's Arpk (Otay)	1.2 SE, RR W	220	30 S1	80,91 oct. Hills SE.

NEW AIRPORTS

Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona OLF (N)	3 SW	1440	40h	
Sweetwater OLF (San Diego)	7.4 E	480	30h	

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page iv) NC-(not charted) → NEW OR REVISED DATA

LOS ANGELES



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF AIRWAY LEGS INDICATE 'R' OBSTACLES.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT SIGN.

BLYTHE

83

ALL FACILITIES IN LOS ANGELES FLIGHT ADVISORY AREA

LAS VEGAS 54

TWENTY-NINE PALMS 40H

CALIF. 18 D.A.

BRICE AAF 55H

PARKER 32

AGUILA 45H

WICKENBURG 40H S

PALM SPRINGS 69H

DESERT CENTER 38 L S

DESERT CENTER AAF 50H

CALIF ARIZ

GARY - 392' 29H

CONNER 38

TONOPAH 34 L

INDIO 34 S

INDIO 242 (116.1)

THERMAL AAF 30H

PORT MECCA

SHAVERS SUMMIT AAF 60H

HARVEY

HERON 27 S

SALOME 41 L

PERRYVILLE

SALTON SEA 40

BLYTHE AAF 70H

BLYTHE 251 (116.1)

GILA BEND 257 (116.1)

CALIF. 4 D.A.

CALIPATRIA

BRAWLEY 30 S

O'CONNELL

LAGUNA 50H

MAS. EL CENTRO -(-43') 60H L S-317 (142.74)

IMPERIAL CO. 32 S

CALIF. 12 D.A.

TO SAN DIEGO

MT. LAGUNA 254 (116.1)

EL CENTRO 212 (116.1)

HOLTVILLE 60H L S

CALEXICO 28 S

SOMERTON 30 S

MARSH 40 S

YUMA 230 (116.1)

WELLTON

FLY 65H L S

DATELAND AAF 66H

GILA BEND NO 5 37H

GILA BEND NO 6 37H

GILA BEND NO 4 37H

GILA BEND AAF 62H

AJO AAF 64H L S

ARIZ 1 D.A.

JACUMBA HOT SPRINGS OLF 25

ARIZ MEXICO

TO CASA GRANDE

LOS ANGELES 82

PHOENIX 86

PHOENIX 326

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

(R): EXTREMELY HAZARDOUS
(I): USABLE WITH CAUTION

SCALE OF MILES
25 0 25 50

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-DTV,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA (Fly)	230(UP)(116.1)	SBMRAZ-DTV,165°,5.8	(4); 116.1
CALIFORNIA			
BLYTHE AAF	251(YH)(116.1)	SBMRAZ-DTV,268°,4.1	(4); 116.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-DTV	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-DTV	(4); 116.1
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aguila	1.5 NNW	2000	45h	
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
Conner(Quartzsite)	0.3 SSW,hwy N	850	38	150' hill S.
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
→ Echevarria (Wickenburg)	See Wickenburg under "New Airports" - name changed.			
(A) Gila Bend AAF (A)	4 S,hwy W	850	62h R1 L5	TEMP INACT. NO FACS
(A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
(A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT.NO FACS
Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S1	80 oct.
Parker	1.4 ENE;RR W	430	32 S2	No fuel. Fld rough.RR S.
Salome (NC)	0.7 S,hwy N	1876	45	15' poles NW.
Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,riv E	2000	24	Trees SSE.
Smiley (Wellton)	13 E,RR S	250	26	Poles SW, NE. (NC)
Somerton	3 ENE,RR W	250	30 S3	80 oct.No sto.
★ Tonopah Int,31, LA-PH	5 NNE Wintersburg	1102	34 L2	
Wellton	0.5 NW,RR S	225	24 S2	73,80 oct.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct.Poles SE,E. ARPT OF
Calexico	1.2 W,riv N	0	28 S6	80,91 oct.Data unver. ENTRY
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto.35'poles all zones.
(N) Clark's Dry Lake OLF (N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF -North (N) (NC)	21 NW El Centro	300	26	
(N) Coyote Wells OLF -South (N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE,rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck)
(N) EL CENTRO NAS(N)	7 WNW,RR S	-43	69h R2 L5 S4	91, 100 oct. No sto.
Gary (Blythe)	5 NNW,RR N	302	29h	
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct.No sto.
→ Heron (Blythe)	1.2 E,riv E	265	27 S4	80,91 oct.Poles N. only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct.Poles SE.No bcn.Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF(Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
→ O'Connell Brothers (Brawley)	0.3 S,hwy W		24 S6	80 oct. N/S taxiing only. Rnwy data unver.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W. CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	
NEW AIRPORTS				
→ (P) Fly (Yuma,Ariz.)	4.5 SSE.RR N	213	65h R1 L2 S2	80 oct. Ltd sto. Bndry lgts
→ Wickenburg Mun. (Ariz.)	14.8 WSW;RR N	2380	40h S2	80,91 oct. prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → New or revised data.

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CJ)(116.1)	SBMRAZ-DTV,253°,2.2	(4); 116.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(4);116.1,126.18,118.3,122.5
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	326(PH)(116.1)	SBMRAZ-DTV,261°, 2.3	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-DTV;307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
NEW MEXICO			
RODEO (Int.)	254(RH)(116.1)	BMRLZ-DTV,24°,0	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4499, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S. transmits on and guards 116 1, 137.89, 140.58 mcs.

AIRPORTS — ARIZONA

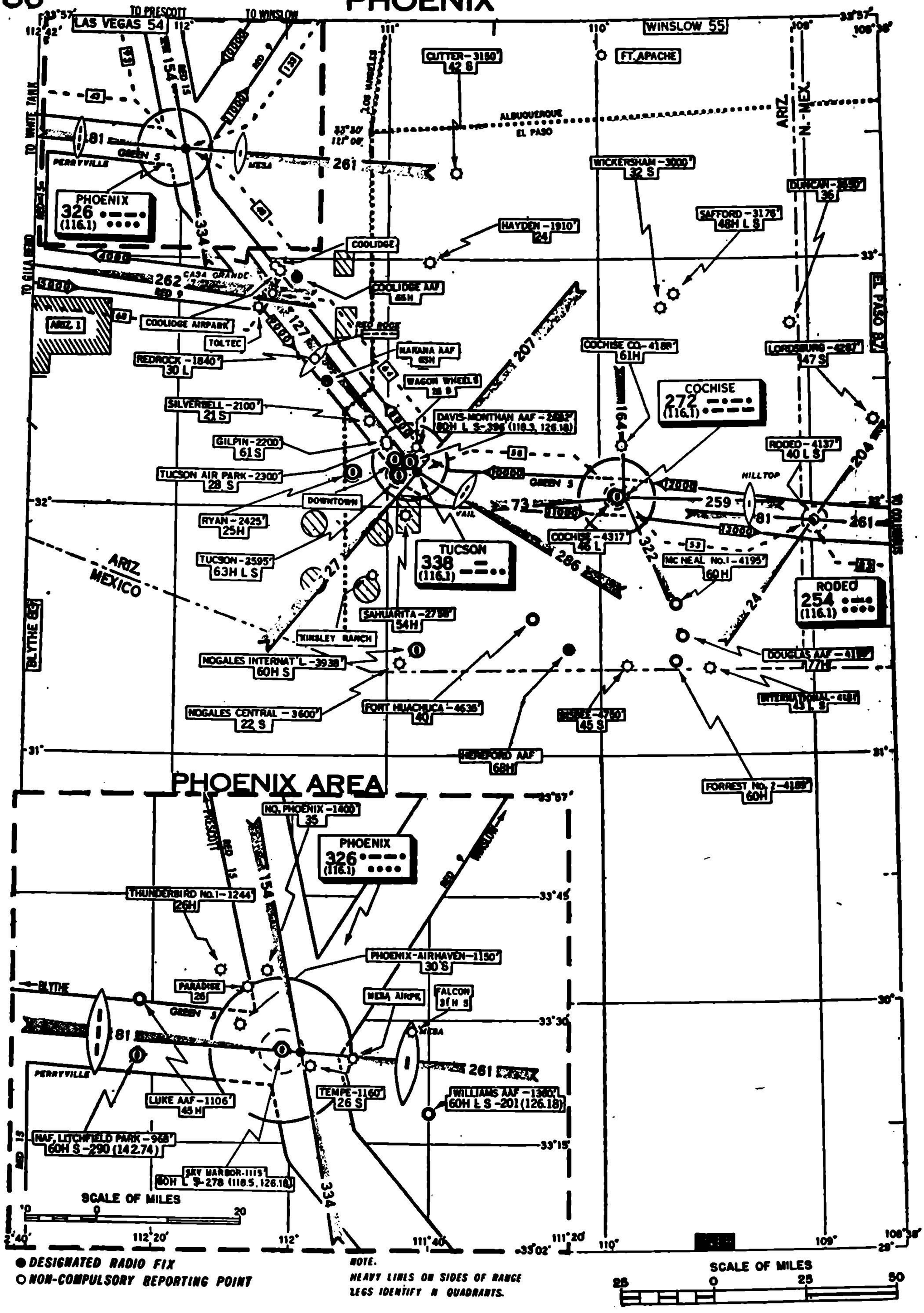
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW,RR N	1050	26	
Bisbee	6.4 SSE,RR W	4750	45 L S4	80 oct.Poles W,Port.rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Greenlee (Clifton)(NC)	8.7 SSE,hwy W	3800	35	
* Cochise Int,T-3,PH-EO	6 S,hwy E	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S,RR E	1450	34	
(A) Coolidge AAF (A)	6.4 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW,RR E	1450	21 S1	80 oct. Pole line E.
Cutter (Globe)	6.8 ESE,RR N	3150	42 S4	80 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	5 SE,RR SW	2692	80h R2 L5 S6	73-100 oct. JP-1.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	TMP INACT NO FACS Twrs E.
Duncan	1 NE	3650	36	Poleline, race track W.
Falcon (Mesa)	7.3 NE,hwy S	1332	31h S6	80,91 oct.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	TMP INACT NO FACS
(P) Ft.Apache (White River)	2.6 SSW,riv S	5200	34	Trees S.
(A) Ft. Huachuca (A)	4 E,RR NW	4635	40	
Gilpin (Tucson)	4.2 NW,RR W	2200	61 L5 S6	80,91 oct.Poles E, SW.
Hayden	1.2 S,hwy E	1910	24	
(A) Hereford AAF(A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct.Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW,riv E	3100	31	RR E
Litchfield (Litchfield Park)(NC)	0.5 NW,canal S	1062	23	Trees SW.
(N) Litchfield Park NAF (N)	4.8 S,riv E	968	60h R1 S1	100 oct.
(A) Luke (Phoenix)(A)	18 WNW	1106	45h	TMP INACT NO FACS
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	TMP INACT NO FACS
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W
Mesa Airpark	1.4 W,RR SE	1238	27 S1	80 oct. Poleline E.
Nogales Central	3 N,RR E	3600	22 S6	80 oct.No sto.

h-hard surfaced runways; r-radio facilities; L-lighting facilities; S-servicing (See page 11) NC (not charted). → NEW OR REVISED DATA.

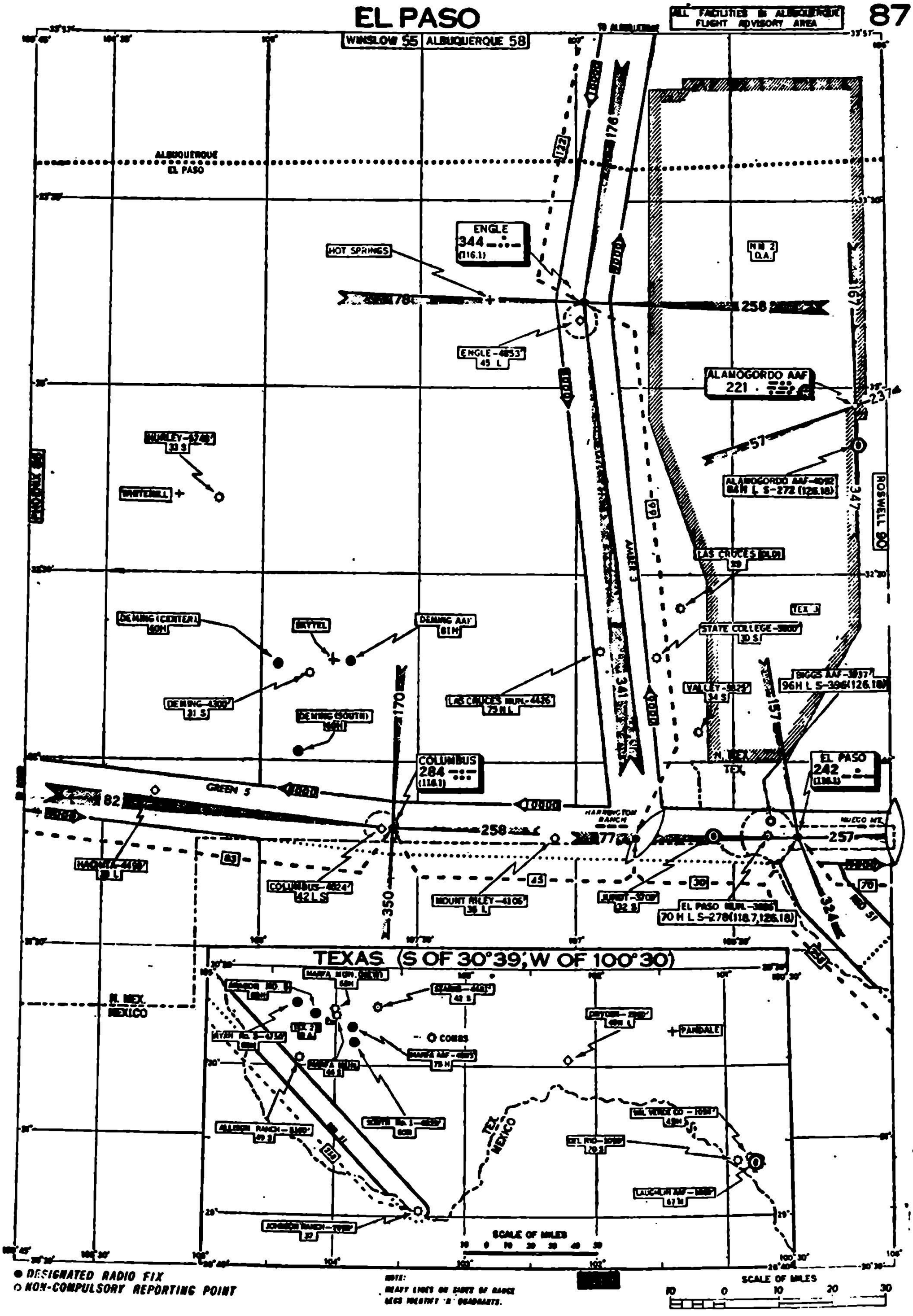
AIRPORTS — ARIZONA (continued)

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE,hwy N	3938	60h L5 S4	73,80,91 oct.All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35	
Paradise (Phoenix)	6 NNW,canal S	1256	26 S2	80,91 oct. Trees S
Phoenix Airhaven	3.9 WNW,RR W	1150	30 S6	80 oct.No sto.Poles SW,NE.
* Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	30 L4	
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford	4.5 ENE,riv S	3176	48h L5 S5	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E,hwy W	2758	54h	
Sells (NC)	2 NW,rd E	2380	30	
Silverbell (Tucson)	11.2 NW,RR E	2100	21 S1	80 oct.
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	73,80,91,100 oct.
Superior (NC)	2 WSW,hwy N	2600	15	Pole line NE.
Tempe	1.2 SW,RR E	1160	26 S6	80 oct.Poles E,trees W.
Three Point (Casa Grande)(NC)	1.5 NNW,RR SW	1400	32	
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	25	Allway: 2500 x 2000
Toltec	0.4 NNW,RR W	1500	26	Poles SSW,SW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	28 S1	Ltd 80 oct.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct,No sto.Poles S,SE.
Wickersham (Safford)	2.5 S,RR NE	3000	32 S6	80, 91 oct.
Willcox (NC)	0.9 WNW,hwy E	4186	36	75' trees SE,bldgs NE.
(A) Williams (Chandler) (A)	10 E	1360	60h R1 L5 S6	73, 91, 100 oct. JP-1.
NEW MEXICO				
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
* Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
NEW AIRPORTS				
→ Downtown (Tucson,Ariz.)	1.4 S;RR SW	2400	42 S2	80,91 oct.Poles N.

PHOENIX


LAS VEGAS 54
TO PRESCOTT
TO WINSLOW
WINSLOW 55
CUTTER - 3150'
42 S
FT. APACHE
ALBUQUERQUE
EL PASO
ARIZ
N. MEX.
WICKERSHAM - 3000'
32 S
SAFFORD - 3176'
48H L S
HAYDEN - 1910'
24
PHOENIX
326
(116.1)
COOLIDGE
COOLIDGE AAF
COOLIDGE AIRPARK
TOLTEC
REDROCK - 1840'
30 L
MARANA AAF
WAGON WHEEL
SILVERBELL - 2100'
21 S
DAVIS-MONTHAN AAF - 2643'
GILPIN - 2200'
61 S
TUCSON AIR PARK - 2300'
28 S
DOWNTOWN
RYAN - 2425'
25H
TUCSON - 2595'
63H L S
TUCSON
338
(116.1)
SAHUARITA - 2798'
54H
KINSLEY RANCH
NOGALES INTERNAT'L - 3938'
60H S
NOGALES CENTRAL - 3600'
22 S
FORT HUACHUCA - 4635'
40
HEREFORD AAF
68H
COCHISE CO - 4189'
61H
COCHISE
272
(116.1)
RODEO - 4137'
40 L S
HILLTOP
COCHISE - 4317'
46 L
MC NEAL NO. 1 - 4195'
60H
RODEO
254
(116.1)
DOUGLAS AAF - 4156'
77H
FORREST NO. 2 - 4189'
60H
BLYTHE
ARIZ.
MEXICO
PHOENIX AREA
NO. PHOENIX - 1400'
35
PHOENIX
326
(116.1)
THUNDERBIRD NO. 1 - 1244'
26H
PHOENIX-AIRHAVEN - 1150'
30 S
PARADISE
26
MESA AIRPK
FALCON
31H S
MESA
BLYTHE
PERRYVILLE
LUKE AAF - 1106'
45 H
TEMPE - 1160'
26 S
WILLIAMS AAF - 1360'
60H L S -201 (126.18)
NAF, LITCHFIELD PARK - 968'
60H S -290 (142.74)
SKY HARBOR - 1113'
60H L S -278 (118.5, 126.18)
SCALE OF MILES
20 0 0 20
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.
SCALE OF MILES
50 25 0 25 50

EL PASO


ALL FACILITIES IN ALBUQUERQUE FLIGHT ADVISORY AREA
TO ALBUQUERQUE
WINSLOW 55
ALBUQUERQUE 58
ALBUQUERQUE
EL PASO
ENGLE
344
(116.1)
HOT SPRINGS
ENGLE-4853'
45 L
ALAMOGORDO AAF
221
ALAMOGORDO AAF-4092'
96 H L S-272 (126.1R)
LAS CRUCES
39
STATE COLLEGE-3800'
30 S
BIGGS AAF-3937'
96H L S-396(126.1R)
VALLEY-3825'
24 S
EL PASO
242
(116.1)
DEMING (CENTER)
40M
SKYTEL
DEMING AAF
81M
DEMING-4300'
31 S
DEMING (SOUTH)
16M
LAS CRUCES RBN-4335'
75 H L
COLUMBUS
284
(116.1)
COLUMBUS-4024'
42 L S
MOUNT RILEY-4106'
36 L
EL PASO
70 H L S-278(118.7,126.1R)
HARRINGTON RANCH
MUELO MT.
TEX.
N. MEX.
MEXICO
TEXAS (S OF 30°39', W OF 100°30')
COMBS
PANDALE
SCALE OF MILES
10 0 10 20 30 40 50
SCALE OF MILES
30 0 10 20 30
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON EDGE OF BLOCK MEAN PROPER 'A' BOARDARIES.

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMOGORDO (Army	221 (DGR)	BMRLZ	(3);4220;126.18
Alamogordo AAF	272 (126.18)	CA;167°,6.5	(3);126.18 (730-24)
COLUMBUS (Int.)	284(KS)(116.1)	SBMRAZ-DTV, 262°, 1.9	(4); 116.1
ENGLE (Int.)	344(EX)(116.1)	SBRAZ-DTV,172°, 2.9	(4); 116.1
HARRINGTON RANCH FM	(- - -)	FM, 257°, 28.5	El Paso, Texas
TEXAS			
BIGGS FLD (El Paso)	396 (126.18)+	CA (ILS-W)	(3); 126.18
EL PASO	242(EO)(116.1)	SBRAZ-DTV	(3);116.1,122.1
El Paso Mun. Arpt.	278 (126.18) (118.7)	AC(ILS);257°,4.9	(4):122.5,118.7,126.18
HUECO MTN. FM	(-)	FM, 77°, 18	El Paso

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM–	MM–	OM–
					MMK–	OMK–
→ BIGGS (A)	109.9	333.8	210° Mag.	IM– (0.26)	MM– ····· (0.85)	OM– -- (4.35)
					MMK–	OMK–
EL PASO	109.5	332.6	217° Mag	IM–	MM– -·-· (0.67)	OM– -- (4.56)
					MMK–	OMK–
				IM–	MM–	OM–
					MMK–	OMK–

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 148.56 mcs.

AIRPORTS — NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Alamogordo AAF(A)	8.5 SW,hwy S	4092	84h R2 L5 S4	73, 100 oct.
★ Columbus Int,34, PH-EO	0.6 ESE,hwy N	4024	42 R1 L3 S1	73 oct.
(A) Deming AAF(A)	2 ESE,hwy W	4314	81h	CLOSED
Deming Arpk.	6 WSW,RR N	4300	31 S4	73 oct.No sto.
(A) Deming (South) (A)	19.5 SSW	4240	60h	CLOSED
(A) Deming (Center)(A)	11.5 W,hwy S	4440	60h	CLOSED
★ Engle Int,10,EO-PU	2.6 E,hwy N	4853	45 R1 L3	
★ Hachita Int,29B, PH-EO	0.8 W,RR N	4498	38 L3	Pole line N.
Hot Springs	7.4 N,hwy E	4500	75 S4	80 oct.Rnwy data unver.
Hurley	0.8 W,RR E	5748	33 S4	73 oct.No sto.
Jundt (Strauss)	8.8 ESE,hwy NE.	3709	32 S6	73,80 oct.No sto.Trees E.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page (V) NC-(not charted).

→ New or revised data

NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Las Cruces (NC)	1 NE,hwy N	3900	35	
→ Las Cruces, mun.	8.5 W,hwy S	4426	75h L5	4,EO-PU
Las Cruces, (old)	9.5 NE,hwy S	4538	39	Pwr line S. Mtn E.
★ Mt.Riley Int,37,PH-EO	1.8 SE,RR N	4106	36 L2	
Silver City (NC)	11.5 SE,hwy E	5400	54	
State College (Mesilla Park)	1.2 E,RR W	3800	30 S6	73 oct.No sto.
Tularosa (NC)	2.2 N,RR W	4550	25	Use strips only.
Valley (Berino)	1 ENE,hwy W	3825	34 S1	73 oct.50' hi-line E.
Whitehill (Silver City)	4 SSE	5800	30	Poleline N.Rnwy data unver.
[redacted]				
Allison Ranch (Marfa)	23.4 SW,hwy E	5100	49 S1	73 oct.
(A) Aragon #5 (Marfa)(A)	9 WNW,RR, N	4880	60h	CLOSED
(A) Biggs (El Paso)(A)	6 NE,RR W	3937	96h R3 L5 S6	73,91,100 oct.IP-1.No
Blair Ranch (Marathon (NC)	23.5 SSW,hwy E	4180	24	PRIVATE. range.
Castolon (NC)	0.8 NNW,riv SW	2300	16	High butte 1/2 mi E.
Cox Ranch (Longfellow) (NC)	8.4 WSW,RR S	3700	48	PRIVATE.
Decker Ranch (Candelaria) (NC)	11.5 N	3650	29	PRIVATE.
Del Rio	1.5 WNW,hwy E	1000	30 S4	80 oct.No sto.Poles N.
Dryden Airdrome (Dryden) (NC)	1 W	2159	18	
★ Dryden Int,29,EO-JI	5.7 W,hwy N	2300	45h L3	
EL PASO MUN.	4.8 ENE,RR SW	3936	70h R3 L5 S1	73,91,100 oct.No sto.
Johnson Ranch (Castolon)	10.7 SE,riv SW	2092	37	ARPT OF ENTRY.
(A) Laughlin (Del Rio)(A)	7 E,hwy N	1069	67h	CLOSED
(A) Marfa AAF (A)	9 ESE,RR N	4885	75h	CLOSED
Marfa Mun. (new)	4 N,hwy E	4835	53h	
Marfa Mun. (old)	2 NE,hwy,RR S	4780	44 S4	73 oct.No sto.Poleline
Presidio (NC)	4 N,hwy W	2850	48	NOT MNTND. S, SW.
Presidio Air Strip	0.8 NE,RR S	2580	21	PRIVATE. (NC)
(A) Ryan #3 (Marfa)(A)	19 WNW,RR NE	4750	60h	CLOSED
Sanderson Landing Strip (NC)	2 W,RR N	2900	24	PRIVATE.
(A) South #1 (Marfa)(A)	15 SE	4825	60h	CLOSED
Starns (Alpine)	2.1 NW,RR E	4481	42 L S6	80,91 oct. Rnwy lgts prior req.
Terlingua (NC)	2 E,hwy SW	2700	36	
Val Verde Co.(Del Rio)	4.5 ENE,RR S	1094	49h	
Yoas Ranch (Longfellow)(NC)	6.5 WSW,RR N	3675	36	PRIVATE.Pole line NW.
NEW AIRPORTS				
Combs (Marathon,Tex.)	0.7 SE; RR,	4100	27 S2	80 oct. Data unver.
→ Skytel (Deming,N.M.)	1 W		38 S2	73,80 oct.Data unver.
Pandale, (Tex.)	8 NE		20 S2	80 oct.Data unver.

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
CARLSBAD	311(DKB)	MRLW:322°,3.5	
ROSWELL (Army)	305 (DEH)	SBMRAZ	(3); 126.18
Roswell AAF	396 (126.18)+	CA:255°, 3.6	(3); 126.18
TEXAS			
GUADALUPE PASS	(116.1)	VP	116.1
GUADALUPE PASS FM	(-)	FM, 79°, 17.4	Salt Flat
HUECO MOUNTAIN FM	(-)	FM, 77°, 18	El Paso
SALT FLAT (Int.)	335(DN)(116.1)	BMRLPZ-DTV:162° 2.7	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamogordo	2.4 N,hwy W	4320	29 S1	73 oct.Poleline ESE.
(P) Artesia Mun.	4.2 W,rd S	3550	69h L5 S1	73-91 oct.
B&B Flying Service (Roswell)	2 S,RR E	3600	32 S2	80 oct.
(P) CARLSBAD MUN.	6.1 SSW,	3276	65h L5	Hwy E,Rnwy lgts on req.
Carlsbad	3 N,RR E	3100	38 S2	80 oct.
Carlsbad #1	11 S,hwy 3 W	3245	67h	
Carrizozo	0.6 N,hwy S	5420	33	
Dora (NC)	1.3 E,hwy W	4000	27 S1	73 oct.Pole line N.
Flying "M" Ranch (Milnesand)	0.4 NNW, hwy E	4360	20 S2	80 oct.Data unver.
John J. Small (Carlsbad)	3.5 SSE,RR NE	3150	27 S1	73 oct.
→ Lovington	0.8 E,hwy S	3985	36 S1	73 oct.P-line S,SE,SW.
→ Parker (Ruidoso) (NC)	8.2 NNE;rd N	7200	36	Cattle on fld. Road N.
ROSWELL	1.6 WNW,	3621	56 L5 S6	73 oct.Fld lgts prior request. RR E
Roswell Com.	4 W,hwy N	3700	33	Windmill SW.
(A) Roswell AAF (A)	6.5 S	3662	85h R2 L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3 (A)	18 S	3712	70h	CLOSED
Ruidoso Flying Svc.	2 N	6900	51 S2	80 oct.Data unver.

NEW MEXICO

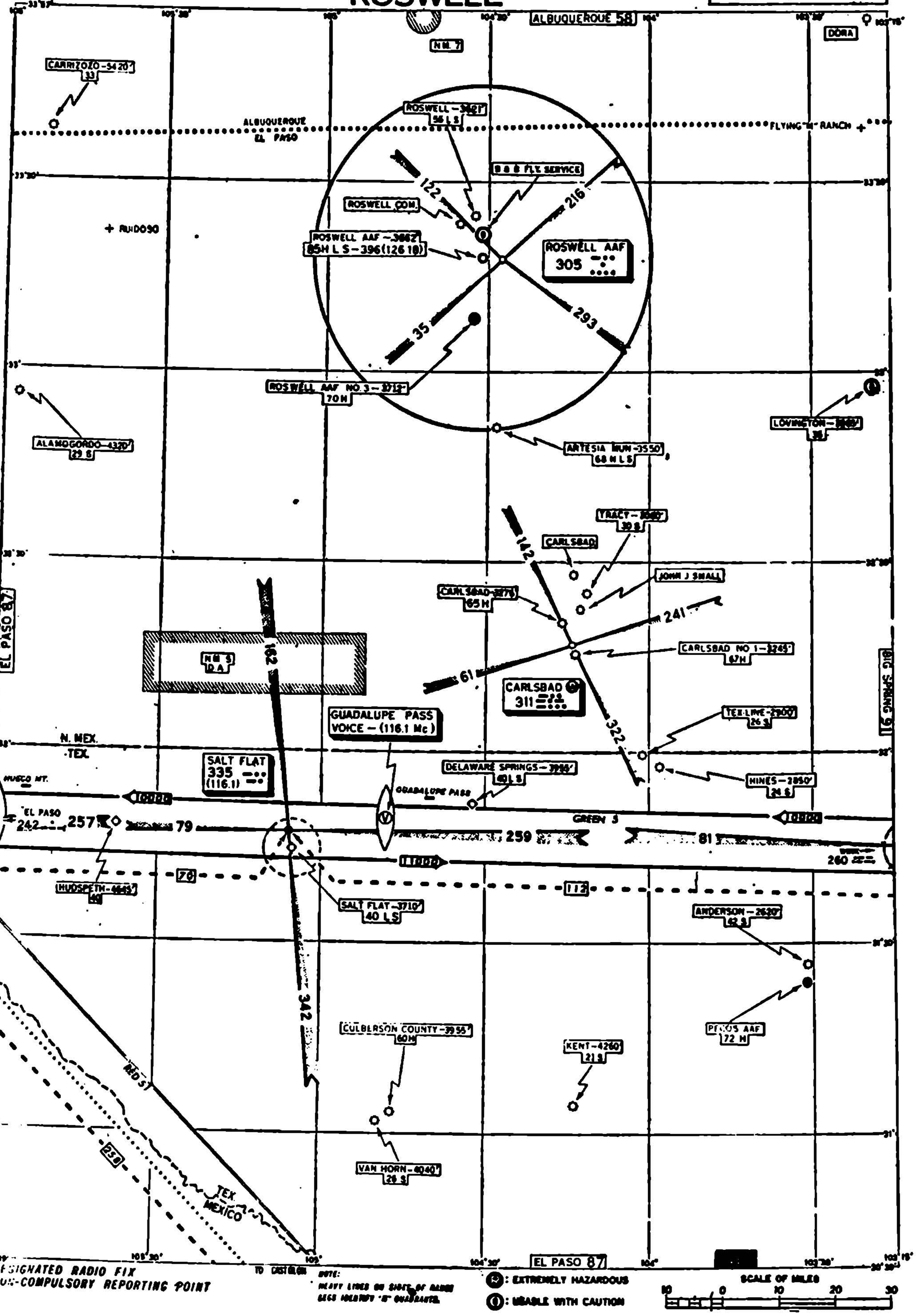
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tracy (Carlsbad)	2 ENE,hwy S	3080	30 S6	80 oct.
TEXAS				
Anderson (Pecos)	1.8 NNW,RR W	2620	42 S6	80 oct.Poles sur fld.
(P) Culberson Co.(Van Horn)	3.5 ENE,RR S	3955	60h	
★ Delaware Springs Int. 11, EO-FV	16.8 E Pine Springs	3955	40 L3 S1	91 oct.Pole line SSE.
Fort Hancock (NC)	0.7 SE,RR N	3565	24	Pole line N.
Hines (Red Bluff Lake)	5.5 NNW,RR W	2850	24 S1	80 oct.
★ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	
Kent	0.6 WNW, RR S	4260	21	Pole line NE,SW.PRIV
(A) Pecos AAF(A)	2.2 SSW	2617	72h	RR W CLOSED
★ → Salt Flat Int,8A,EO-FV	80 E El Paso	3710	40 R1 L3 S1	80 oct.
Sierra Blanca (NC)	2.8 ESE	4450	21	Pole line N,Hwy N.
Tex-Line (Orla)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Van Horn	0.8 SE,RR N	4040	26 S1	80 oct,Poles NW.

NEW AIRPORTS

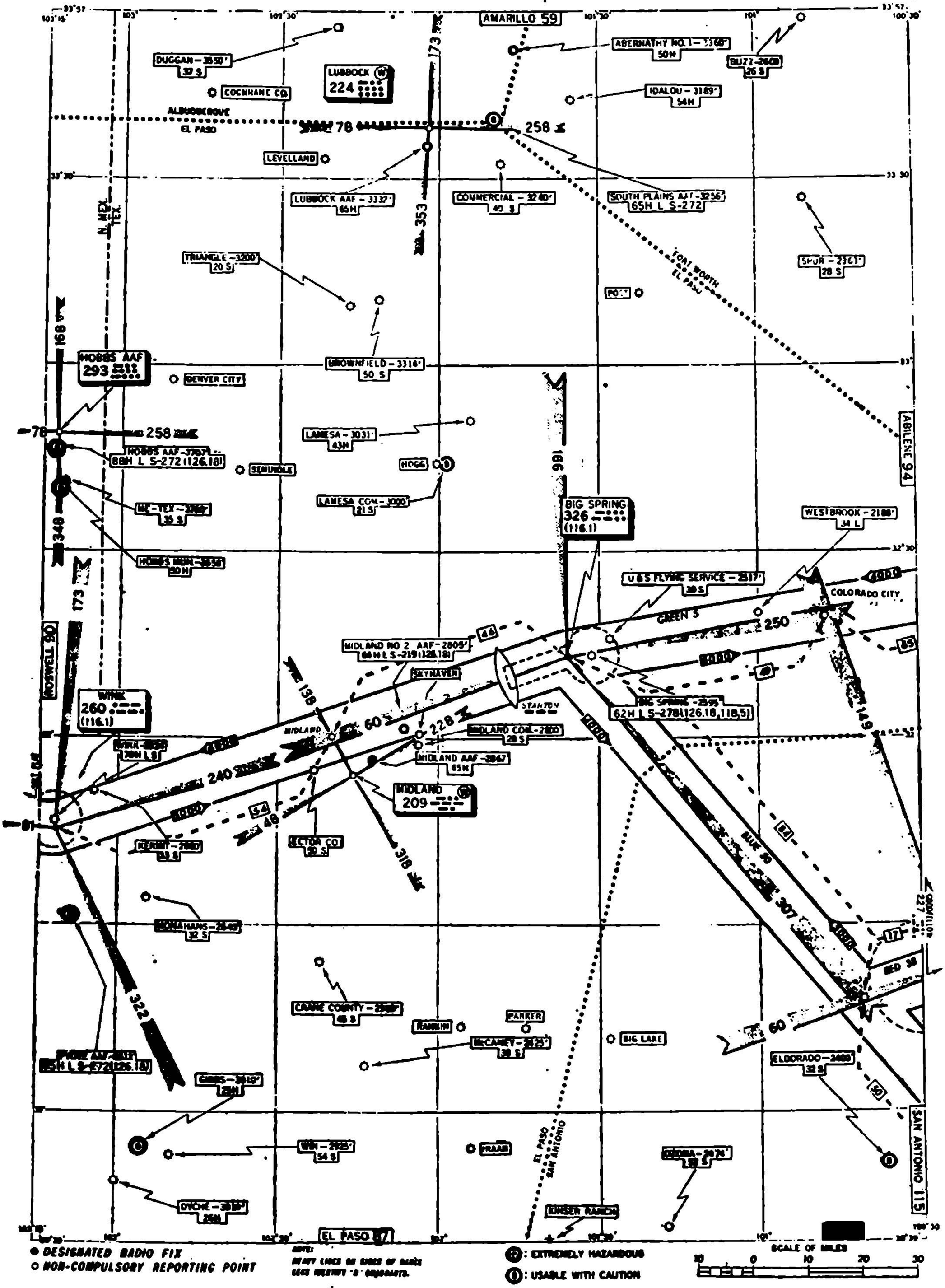
h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page IV) NC (not charted) → New or revised data

ROSWELL

ALL FACILITIES IN ALBUQUERQUE FLIGHT ADVISORY AREA



BIG SPRING


AMARILLO 59
DUGGAN – 3550'
37 S
COCHRANE CO
LUBBOCK
224
ABERNATHY NO. 1 – 3368'
50 H
BUZZ – 2608'
26 S
IDALOU – 3189'
54 H
ALBUQUERQUE
EL PASO
78
258
LEVELLAND
LUBBOCK AAF – 3332'
65 H
COMMERCIAL – 3240'
40 S
SOUTH PLAINS AAF – 3256'
65 H L S-272
SPUR – 2361'
28 S
N. MEX.
TEX.
TRIANGLE – 3200'
20 S
FORT WORTH
EL PASO
HOBBS AAF
293
DENVER CITY
BROWNFIELD – 3316'
50 S
ABILENE 94
LAMESA – 3031'
43 H
HOBBS AAF – 3787'
88 H L S-272 (126.18)
SEMINOLE
HOGG
LAMESA COM. – 3000'
21 S
BIG SPRING
326
(116.1)
WESTBROOK – 2188'
34 L
U & S FLYING SERVICE – 2517'
30 S
COLORADO CITY
GREEN 3
250
MIDLAND RO 2 AAF – 2805'
64 H L S-219 (126.18)
SKYNAVEN
WINK
260
(116.1)
STANTON
BIG SPRING – 2595'
62 H L S-278 (126.18, 118.5)
MIDLAND
60 S
228
MIDLAND COM. – 2800'
28 S
MIDLAND AAF – 3867'
65 H
240
MIDLAND
209
ECTOR CO
20 S
BIG SPRING
BLUE 90
307
322
ROBERTS – 2840'
32 S
CRANE COUNTY – 2988'
45 S
RANKIN
PARKER
ECHARD – 2825'
38 S
BIG LAKE
ELDORADO – 2488'
32 S
SAN ANTONIO
115
GAIRS – 3819'
25 H
WIN – 2825'
54 S
PRAAR
EL PASO
SAN ANTONIO
DYCHE – 3815'
25 H
KINSER RANCH
EL PASO
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS., OF OPER., REMARKS
HOBBS (Army)	293 (DHB)	BMRLZ	(3) (V, 7-23)
Hobbs AAF	272 (126.18)	CA; 168°, 2.8	(3);126.18 (7-23)
TEXAS			
BIG SPRING	326(BZ)(116.1)	SBRAZ-DTV	(3); 116.1
Big Spring Arpt.	278 (126.18) (118.5)	C; 70°, 3.9	(4); 126.18,122.5,118,5 (7-23)
LUBBOCK (AAF)	224 (DHH)	MRLWZ; 173°, 3.7	
MIDLAND	209 (DON)	MRLWZ;48°,3.8-AAF	
Midland No. 2	219 (126.18)	CA	(4); 140.58,126 18
PYOTE AAF	272 (126.18)	CA	(3); 126.18
SOUTH PLAINS AAF (Lubbock)	272	CA	(4) (8-22)
STANTON FM	(- - -)	FM, 240°,12	Big Spring.
WINK	260(WP)(116.1)	SBRAZ-DTV,353°,1.2	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Continental (Jal)(NC)	0.7 W, hwy E	3100	20	
(A) HOBBS AAF (A)	8 NW,RR NE	3707	88h R2 L5 S4	100 oct.
HOBBS MUN.	5 W,hwy N	3658	50h L5	All lgts prior req.
(P) Me-Tex (Hobbs)	4.5 W,hwy N	3700	35 S6	80,87 oct.Pole line N,W,NW.
TEXAS				
(P) Abernathy #1 (A)	5 ENE	3346	50h	TMP INACT.NO FACS
(N)(P) BIG SPRING	3.3 WSW;RR N	2595	62h R2 L5 S6	80,91,100 oct. NATS
Brownfield	5 E; hwy N	3314	50 S2	80 oct.P-line N,NE.
Buzz (Roaring Spgs)	2.3 NNE;hwy W	2600	26 S1	73 oct.Poleline S.
Commercial (Lubbock)	3.2 SE;bet hwys	3240	40 S6	73,80 oct.No sto. Use strips.
Crane Co.(Crane)	1 NNW;hwy E	2900	45 S1	73 oct.Hi-line S.
Duggan (Littlefield)	1.2 S;RR NE	3550	37 S4	80,91 oct.Pwrline E, NE, SE.
Dyche (Fort Stockton)	9 SW;RR E	3010	26h	Allway area: 4000 x 4000'.
Ector County (Odessa)	5 NNW;hwy W	2900	50 S2	80 oct.
Eldorado	1 W;RR E	2400	32 S1	80 oct. Poles E. Livestock on fld.
Gibbs (Fort Stockton)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.

TEXAS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Idalou	5.5 ENE	3189	54h	
Iraan (NC)	5 NW	2300	26	
Kermit	1.3 E;RR W	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona)	25 W;riv W	2474	24 S1	80 oct.PRIVATE. Data unverified.
Lamesa	8 NNE;hwy S	3031	43h	Use rnwys only.
Lamesa Commercial	1.8 WNW;hwy S	3000	21 S1	73 oct.Pole line SSE.
Levelland	2 S;hwy W	3550	25 S1	80 oct.Poleline NW, SW.
(A) Lubbock AAF (A)	9 W;RR S	3332	65h	TEMP INACT NO FACS
McCamey	0.8 SW;RR N	2425	38 S6	80 oct.Hi-line SSE.
(A) Midland AAF (A)	9.5 WSW;RR S	2867	65h	CLOSED
Midland Commercial	1.1 SSE;RR N	2800	28 S4	80 oct.No sto.Rnwy data unverified.
(A) Midland #2 (A)	3 NW; rd E	2805	64h R1 L5 S4	91, 100 oct. JP-1. No sto.
Monahans	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW
Ozona	4.9 WSW;hwy N	2474	52 S1	80 oct.
(A) Pyote AAF (A)	1 SW;RR N	2612	85h R1 L5 S6	91, 100 oct. No sto.
Rita Santa (NC)	0.5 S;RR N	2800	40	Obsts sur fld.
(A) SOUTH PLAINS AAF (Lubbock)	5.5 NNE;RR W	3256	65h R1 L5 S6	73, 91, 100 oct. JP-1
Spur	2.2 S;RR N	2363	28 S4	80, 91 oct.
Triangle (Brownfld)	1.8 SSW;RR NW	3200	20 S2	73 oct.
U & S Flying Service (Big Spring)	1.5 N;hwy S	2517	30 S6	80 oct.
★ West Brook Int,32, EO-FV	1.3 S;RR N	2188	34 L3	Pole line N, S.
Win (Ft. Stockton)	3.2 E;hwy N	2925	54 S6	80 oct.
Wink	3.6 WNW;rd SE	2824	70h R1 L5 S6	80,91 oct.
NEW AIRPORTS				
Denver City (Tex.)	0.8 NW	3584	40 S1	80 oct.Data unver.
Hogg(Lamesa,Tex.)	3 W; hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan,(Tex.)	0.5 SE; hwy W	2500	33 S2	80,91 oct.P-line N,S. SE. Use strips only.
Parker, (Texan,Tex.)	2.3 W; RR N	2700	32	Use strips only.
Post, (Tex.)	0.8 NE; RR W	2700	28	SSW,W blocked Canyon E.
Rankin, (Tex.)	0.4 NE; RR S	2500	27	P-line S. Use strips only.
Rotan, (Tex.)	1.4 NNW;rd E	2000	26	Poles E. CAUTION
Skyhaven, (Midland, Tex.)	1.4 NE; RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE.
→ Big Lake Mun.(Tex.	0.6 NW;RR,hwy S	2950	37 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page IV) NC-(not charted). → NEW OR REVISED DATA.

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ABILENE	379(AP)(116.1)	SBRAZ-DTV	(3);116.1,122.1
Abilene Air Term.	278 (118.7)	C; 180°, 2.2	(4); 118.7,126.18, 122.5(7-23)
CLARENDON	233(CP)	MRLW;190°.2	
HARPERSVILLE (Int.)	284(HV)(116.1)	MHTV	(4); 116.1
→ WICHITA FALLS (Sheppard/Kell Mun. Airport)	239(WF)(116.1)	SBMRAZ-DTV,305°. 1.7	(4);116.1,122.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OKLAHOMA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Altus AAF(A)	3.4 ENE;hwy S	1368	60h	CLOSED
Altus, mun.	4.2 N,RR W	1410	31 S6	73,80 oct. Polelines W.
Bennett (Elk City)	2 SSE,RR NE	1800	20 S1	73 oct. Poleline W. Lgt acft only.
Cameron College (Lawton)	2.5 W,RR N	1108	20 S4	80 oct.
Clinton	17 SW,hwy E	1932	65h	
Cordell	1.3 NW,RR E	1550	20 S1	80 oct.
Delhi	See Sayre Mun under "New Airports" - name changed.			
★ Dill Int,14,AQ-LS	0.5 NW,hwy N	1876	26 L3	Poleline N, E.
Dukes(Carnegie)	1 NNW,riv S	1250	26 S1	80 oct. Poleline S.
(A) Frederick AAF(A)	3.5 SSE	1233	60h	CLOSED
Grandfield	1.2 SE,RR N	1100	13 S1	73 oct.
(A) Grandfield #3 (A)	3.1 W,RR NE	1128	45h	CLOSED
Haddock (Erick)	1.4 SW,RR N	2017	34 S1	80 oct. Poleline N,NW
(P) Hobart Mun.	3.8 SE,RR N	1583	53h S6	73 oct.
Olustee(Altus)	10 SE,riv E	1338	45h	
Ponder (Mangum)	1.6 N,hwy S	1585	26 S2	73, 80 oct.
Roosevelt	0.5 NW,rd N	1400	24 S1	80 oct. Pwr line N.
Sayre	2.3 N,hwy W	1990	26 S4	80 oct.
Sentinel Memorial	0.8 SSW,RR W	1600	24 S1	73 oct.
Walker (Altus)	1.6 W,RR E	1400	26 S4	80 oct. Poleline N.
Weatherford	2.7 ENE,RR S	1550	27 S2	80 oct.

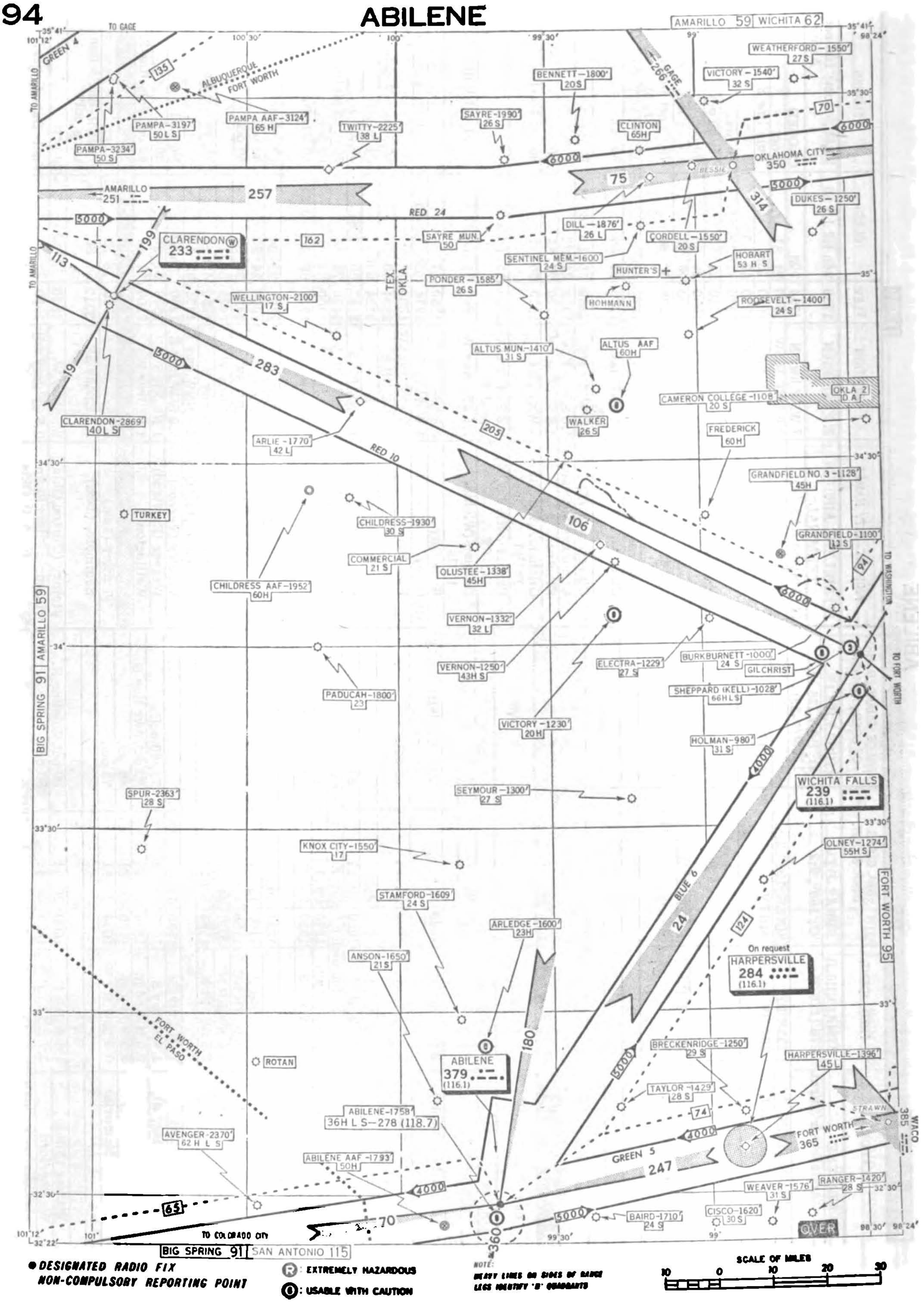
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted).

→ NEW OR REVISED DATA

TEXAS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) ABILENE AIR TERMINAL	2.8 ESE,RR N	1758	36h R2 L5 S6	73,80,91 oct; 100 oct. Army
(A) Abilene AAF (A)	7 WSW,hwy N	1793	50h	CLOSED
Anson	0.8 ENE,RR W	1650	21 S1	80 oct
Arledge(Stamford)	5 SE,RR SW	1600	23h	Pole line S.
★ Arlie Int,9,AQ-FV	3.8 SW,hwy SE	1770	42 L3	
(P) Avenger(Sweetwater)	3.5 W,RR S	2370	62h L5 S1	80 oct.
Baird	3.1 NNE,hwy W	1710	24 S6	73, 80 oct.
Breckenridge	2.5 S,RR E	1250	29 S6	80 oct.
Burkburnett	1 SE,RR SW	1000	24 S2	80 oct. Poles E.
Childress	3.2 ESE,RR NE	1930	30 S4	73,80 oct. Poleline sur. field.
(A) Childress AAF(A)	5.2 W,RR N	1952	60h	TMP INACT NO FACS
Cisco	2.5 NNW,lake 2 N	1620	30 S6	80 oct.
(P) Clarendon 4,AQ-FV	3.8 W,RR NE	2869	40 L3 S6	80, 91 oct.
Commercial(Quanah)	1.8 S,hwy E,N	1568	21 S2	Ltd 80 oct.
Electra	3.6 WNW,RR S	1229	27 S2	80 oct.
Gilchrist (Wichita Falls)	7 WNW,RR S	1020	30 S1	80 oct. Pwrline S.
★ Harpersville Int,44, EO-FV	9.2 S of Breckenridge	1396	45 R1 L3	
Holman (Wichita Falls)	3.1 SSE,hwy W	980	31 L S6	80,91 oct. Poles SE, E, NE.
Knox City	0.8 SSE,RR W	1550	17	
(P) Olney	4 WSW,rd S,N	1274	55h L5 S6	80, 91 oct. Lgts prior req
Paducah	2.5 ESE;RR NW	1800	23	
Pampa	1 NNE,RR S	3234	50 S6	80,91 oct. Poleline S.
(A) Pampa AAF (A)	12.3 E	3124	65h	CLOSED
★ Pampa Int,4,AQ-KC	1.9 NE,RR S	3197	50 L3 S1	80, 91 oct.
Ranger	1.5 SSW,RR W	1420	28 S6	80 oct. Poleline NE.
Seymour	1.3 SE,riv SW	1300	27 S1	80 oct.
→ SHEPPARD/KELL MUN.(Wichita Falls)	5.8 N,hwy W	1028	66h R1 L5 S6	80, 91oct.
Spur	2.2 S,RR N	2363	28 S4	80, 91 oct.
Stamford	2.5 N,hwy E	1609	24 S2	80 oct.
Taylor (Albany)	1 N,RR SW	1429	28 S2	80 oct.
★ Twitty Int,8A,AQ-LS	1 SE,hwy W	2225	38 L3	
Vernon	5 N,hwy E	1250	43h S6	73, 80 oct. No sto.
★ Vernon Int,15,AQ-FV	8.8 NNW,hwy E	1332	32 L3	
Victory (Vernon)	5.9 SSW,hwy E	1230	20h S2	No fuel.
Weaver (Eastland)	1 NE,RR S	1576	31 S6	80 oct.
Wellington	1 SE,hwy W	2100	17 S1	80 oct. Pole line S.
NEW AIRPORTS				
Turkey (Tex.)	2.7 SSW;hwy E	2350	18 S2	80 oct.
Seminole, (Tex.)	1.3 E;lake SE	3312	34 S6	80 oct. P-line S. Use strips only
Victory (Clinton,Okla.)	2 S; hwy W.	1540	32 S2	80 oct.
Hunter's Flight Strip (Hobart) Okla.	0.5 SW;hwy adj	1530	22 S2	Fuel. **Data Unver.**
Hohmann (Lone Wolf,Okla	1 ESE	1576	26 S2	80 oct.
→ Sayre Mun. (Okla.)	8.5 SSW	1937	50h	

ABILENE



● DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT

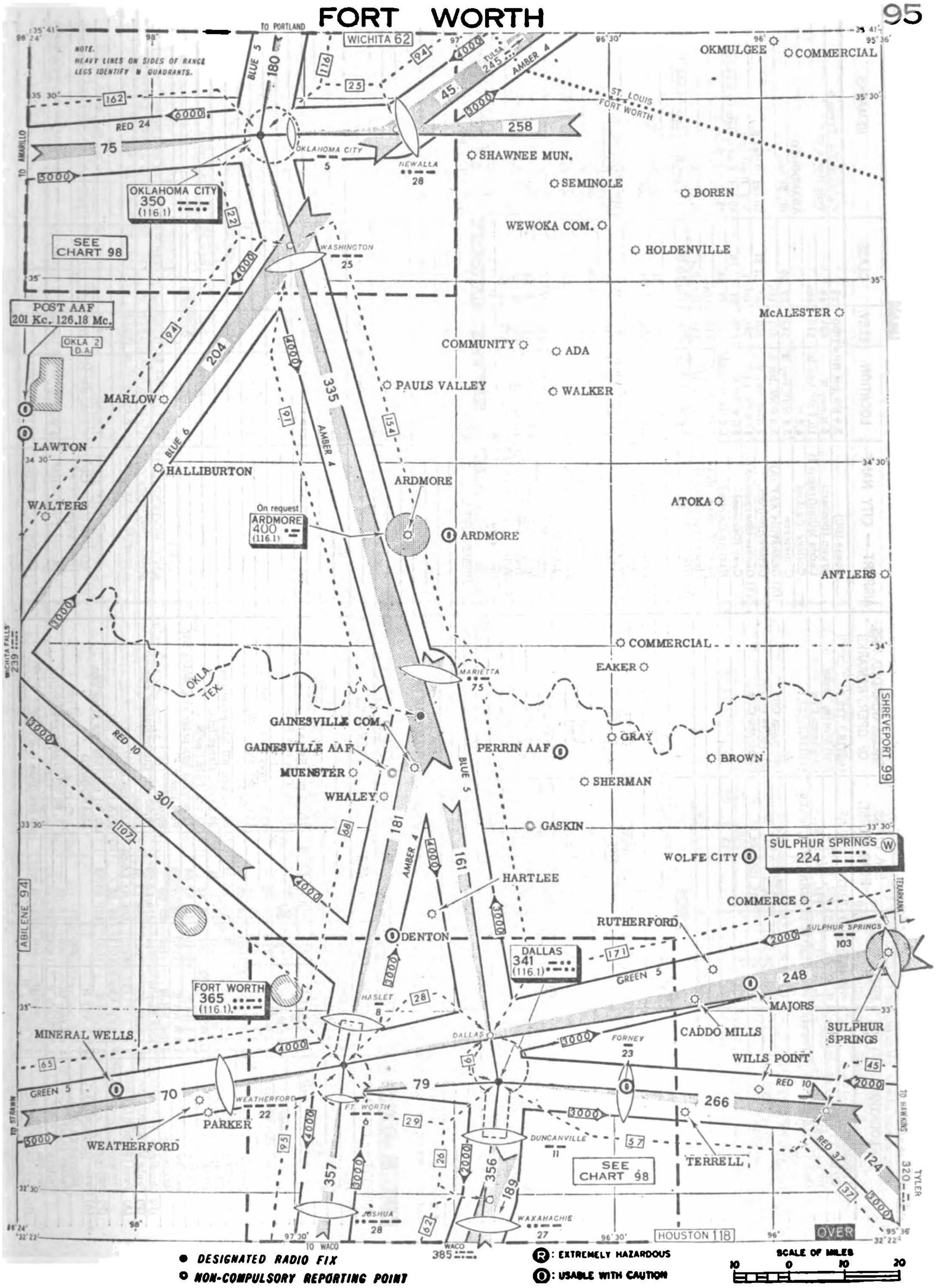
R: EXTREMELY HAZARDOUS

O: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF BASIC LEGS INDICATE 'B' CORRIDORS

SCALE OF MILES
10 0 10 20 30

FORT WORTH


NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.
TO PORTLAND
WICHITA 62
BLUE 5
180
116
94
4000
TULSA 245
AMBER 4
45
3000
25
162
6000
RED 24
75
5000
TO AMARILLO
OKLAHOMA CITY
5
NEWALLA
28
258
ST. LOUIS
FORT WORTH
OKMULGEE
COMMERCIAL
SHAWNEE MUN.
SEMINOLE
BOREN
WEWOKA COM.
HOLDENVILLE
OKLAHOMA CITY
350
(116.1)
22
SEE CHART 98
WASHINGTON
25
POST AAF
201 Kc. 126.18 Mc.
OKLA 2 D.A.
McALESTER
COMMUNITY
ADA
PAULS VALLEY
WALKER
MARLOW
204
335
91
154
AMBER 4
LAWTON
BLUE 6
HALLIBURTON
ARDMORE
WALTERS
On request
ARDMORE
400
(116.1)
ATOKA
ANTLERS
WICHITA FALLS
239
COMMERCIAL
EAKER
MARIETTA
75
OKLA
TEX
SHREVEPORT 99
GAINESVILLE COM.
GAINESVILLE AAF
MUENSTER
WHALEY
RED 10
301
107
PERRIN AAF
GRAY
BROWN
SHERMAN
BLUE 5
181
161
58
GASKIN
SULPHUR SPRINGS
224
WOLFE CITY
HARTLEE
COMMERCE
RUTHERFORD
SULPHUR SPRINGS
103
ABILENE 94
DENTON
DALLAS
341
(116.1)
171
GREEN 5
248
MAJORS
FORT WORTH
365
(116.1)
HASLET
28
8
MINERAL WELLS
DALLAS
FORNEY
23
CADDO MILLS
SULPHUR SPRINGS
WILLS POINT
65
GREEN 5
70
WEATHERFORD
PARKER
22
FT. WORTH
29
79
6
266
RED 10
45
2000
TO STRAWN
TO HAWKINS
95
357
26
356
189
DUNCANVILLE
11
57
SEE CHART 98
TERRELL
RED 37
124
37
320
TYLER
JOSHUA
28
62
WAXAHACHIE
27
TO WACO
WACO
385
HOUSTON 118
OVER
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
Ⓡ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20

[redacted] OKLAHOMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ ARDMORE	400 (AT)(116.1)	MHTV	(4);116.1,122.1
MARIETTA FM	(. . -)	FM, 1°, 75	Fort Worth, Texas
NEWALLA FM	(. . - -)	FM, 78°, 27.5	Oklahoma City
→ OKLAHOMA CITY (Will Rogers Field)	350 (OL)(116.1)	SBRAZ-DTV,78°,1.6	(3);116.1,122.1
OKLAHOMA CITY LFM	(- -)	LFM, 78°, 5.4	Oklahoma City
POST FIELD (Fort Sill)	201 (126.18)	CA	(3); 126.18 (8-18)
WASHINGTON FM	(- - -)	FM, 155°, 24.6	Oklahoma City
TEXAS			
DALLAS (Love)	341 (DL)(116.1)	SBMRAZ-DTV,35692.2	(3);116.1,122.1
DUNCANVILLE FM	(- -)	FM, 176°, 10.5	Dallas
FORNEY FM	(-)	FM, 86°, 23	Dallas
FORT WORTH (Meacham Fld)	365 (FV)(116.1)	SBRAZ-DTXV,177°,2.4	(3);116.1,122.1
FORT WORTH-LFM	(- - -)	LFM, 177°, 6.2	Fort Worth
HASLET FM	(-)	FM, 1°, 8.1	Fort Worth
JOSHUA FM	(. . - - -)	FM, 177°, 27.7	Fort Worth
→ SULPHUR SPRINGS	224(ZO)	MHW	(Opers cont.)
SULPHUR SPRINGS FM	(- -)	FM, 68°, 103	Fort Worth
WAXAHACHIE FM	(. . - -)	FM, 176°, 27	Dallas
WEATHERFORD FM	(- - - -)	FM, 250°, 22	Fort Worth

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OKLAHOMA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Ada	2 N, RR SW	1008	50h	
Antlers	2.8 S,RR E	640	23 S2	80 oct.
Ardmore	11.2 NNE,riv E	758	73h	CAUTION: Intensive airline training.
Ardmore,10, FV-WD	9.2 N,hwy E	875	40h R1 L3 S6	80, 91 oct. Poles E.
Atoka	1.8 NW,RR S	540	22 S2	73 oct. Pole line S.
Boren (Wetumka)	1.5 NW,hwy S	780	20	
Commercial (Durant)	5.2 W,RR N	710	19 S2	73 oct. Rnwy data unverified.
Commercial (Okmulgee)	3.4 E,RR N	682	25 S2	Ltd 73 oct. Poles SW.
Community (Ada)	6.8 WNW,RR NE	1000	18 S6	80 oct.
(P) Eaker (Durant)	3.2 SSW,RR NW	703	52h L5 S1	80, 91 oct. All lgts prior req.
Halliburton (Duncan)	1 S, RR E	1125	25 L S4	80,88 oct. Range lgts.
Holdenville	1.2 WNW,RR NE	864	20 S2	73 oct. Pole line N.
Lawton	1.5 S,RR E	1145	26 L2 S4	73 oct. Fld lgts prior req. Poles NW.
Marlow	1.6 N,RR E	1150	15	Pole line S.
McAlester	2 SSE,RR W	750	25 S6	80 oct.
(P) Okmulgee	3 NNE,hwy W	715	43h L5 S6	73,80 oct. Ctc lgts prior request.
(P) Pauls Valley	2.1 S,RR E	967	35h L1 S1	80 oct.
(A) Post (Ft. Sill) (A)	3 N	1170	50h R1 L5 S4	Ltd. 100 oct.
Seminole	3.4 NNW,hwy E	1012	35 S2	80 oct. Trees W, NW.
(P) Shawnee	2 NW,RR E	1080	42h L5 S2	80, 91 oct. Fld lgts prior req.
→ (A) Swain (Lawton)(A)	3.5 E,hwy N			ABANDONED
Tishomingo (NC)	7.5 N	880	29	
Walker (Ada)	5.4 S,hwy W	860	32 S6	73, 80 oct. Trees sur fld.
Walters	1.2 SW,RR E	1005	26 S4	80 oct.
Wewoka, com.	1.8 W,lake N	905	23 S6	80 oct. Pole line NNE.
(P) Wewoka, mun. (NC)	4.7 NE,hwy N	790	30	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) (NC)-Not charted. → NEW OR REVISED DATA

TEXAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bowie (NC)	2.8 NW,bet RRs	1050	19	Cattle on fld. Trees N.
Brown (Bonham)	8 N,hwy W	625	48	Pole line S, W.
Caddo Mills(Greenv'l)	10.7 SW,hwy W	540	40h	
→ College (Denton)	4.2 N			ABANDONED
Commerce	3.4 NNE,hwy SE	548	27 S6	80, 91 oct.
(A) Gainesville AAF (A)	3.8 WNW,RR S	833	45h	
Gainesville com.	3 NNE,hwy W	800	30 L1 S1	80 oct. Poles S.
(A) Gaskin (Sherman)(A)	12.6 SW,rd E	745	40h L	B-2, flood lgts.
Gray (Denison)	2.5 E,RR N	675	24 L S6	80 oct. Emerg.lgts by circling fld.
Hartlee (Denton)	5.4 NE,RR SSE	588	27 S6	73,80 oct. Poles S.
Jones (Bonham)(NC)	2 NNE,hwy E	616	18h	
Majors (Greenville)	5 SSE,RR W	544	55h S4	80,91 oct.
(P) Mineral Wells	3.2 SE,RR N	938	42h L5 S6	80,91 oct.Rnwy lgts on req. Data unver.
Muenster	2.6 E,RR S	1010	26 S1	80 oct. Pole line S.
Parker Sky Camp (Weatherford)	3.4 SSE,RR NW	1050	23 S4	80 oct.
(A) Perrin (Sherman)(A)	6.4 NNW,RR N	753	51h	TMP INACT NO FACS
Rutherford (Greenv'l)	4.5 WSW,hwy SE	550	23 S3	73 oct. Pole line S.
Sherman	1.4 SE,hwy N	749	25h S6	80 oct.
So.Sulphur (Greenv'l)	9.5 NNE	550	30	(NC)
Sulphur Springs, 7B, DL-LV	1.9 NW,RR S	472	35 L3 S1	80 oct. Pole line S,SE.
Terrell Mun.	1.5 SE,RR W	490	30h	80,91 oct.
→ Weatherford, mun.	1 W, hwy N	1147	38 S4	80 oct.
Whaley Arpk(Gainesv'l)	5.7 WSW,RR N	820	20 S2	80 oct. Pole line N.
* Wills Point Int,7,FV-AG	5.9 NW	529	28 L3	
→ Wolfe City	2 N		20	No fuel.P-lines N.Data unver.
NEW AIRPORTS				
Denton, (Tex.)	4 WSW		42h S6	80,91 oct.No sto. Data unver.

RADIO — OKLAHOMA

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS,	FREQS. GUARDED, HRS. OF OPER., REMARKS
NEWALLA FM	(. . - -)	78°, 27.5	FM	Oklahoma City
→ OKLAHOMA CITY Range (Will Rogers)	350(OL)(116.1)	78°, 1.6	SBRAZ-DTV	(3);116.1,122.1
OKLA. CITY LFM	(- -)	78°, 5.4	LFM	Oklahoma City
TINKER Army Range	221 (DTE)	170°,5.3	BMRAZ	4495
Tinker Tower	396 (126.18)+		CA	(3); 126.18
WASHINGTON FM	(- - -)	155°,24.6	FM	Oklahoma City
WILL ROGERS Tower	272 (118.7)		C(ILS)	(4); 118.7,126.18,122.5
TEXAS				
DALLAS Rng (Love)	341(DL)(116.1)	356°,2.2	SBMRAZ-DIV	(3); 116.1, 122.1
DUNCANVILLE K fac.	404 (D)	176°,10.5	FMK	Dallas
DUNCANVILLE FM	(- -)	176°,10.5	FM	Dallas
FORNEY FM	(-)	86°, 23	FM	Dallas
FT. WORTH Range (Meacham)	365(FV)(116.1)	177°,2.4	SBRAZ-DIXV	(3); 116.1, 122.1
Fort Worth AAF Twr	201 (126.18)+		CA	(3); 126.18
FT. WORTH LFM	(- - -)	177°,6.2	LFM	Fort Worth
GRAUWYLER PARK K Fac.	311 (L)	356°,0.8	K	Dallas
HASLET FM	(-)	1°, 8.1	FM	Fort Worth
HASLET K Fac.	371 (F)	1°, 8.1	FMK	Fort Worth
HENSLEY Tower	396 (126.18)		CA	(4); 126.18
JOSHUA FM	(. . - - -)	177°,27.7	FM	Fort Worth
LOVE Tower	278(126.18, 118.9)		AC (ILS)	(4);118.9,122.5,126.18
MEACHAM Tower	272 (126.18, 118.7)		AC (ILS)	(4); 126.18,118.7,122.5
WAXAHACHIE FM	(. . - -)	176°, 27.0	FM	Dallas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOVE	110.3 ·-·- ·-··	335	126° Mag.	IM–	MM– ·-·-(0.7)	OM– --(4.35)
					MMK-	OMK-
MEACHAM	109.9 ···· ·-··	333.8	172° Mag.	IM–	MM– ·-·-(0.71)	OM– --(4.10)
					MMK-356°·-·-(0.71)	OMK-
WILL ROGERS	109.9 ·-·· ·-··	333.8	350° Mag.	IM–	MM– ·-·-(0.66)	OM– --(4.6)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.R. Transmits on and guards 118.1, 137.88, 140.58 mcs.

AIRPORTS — OKLAHOMA

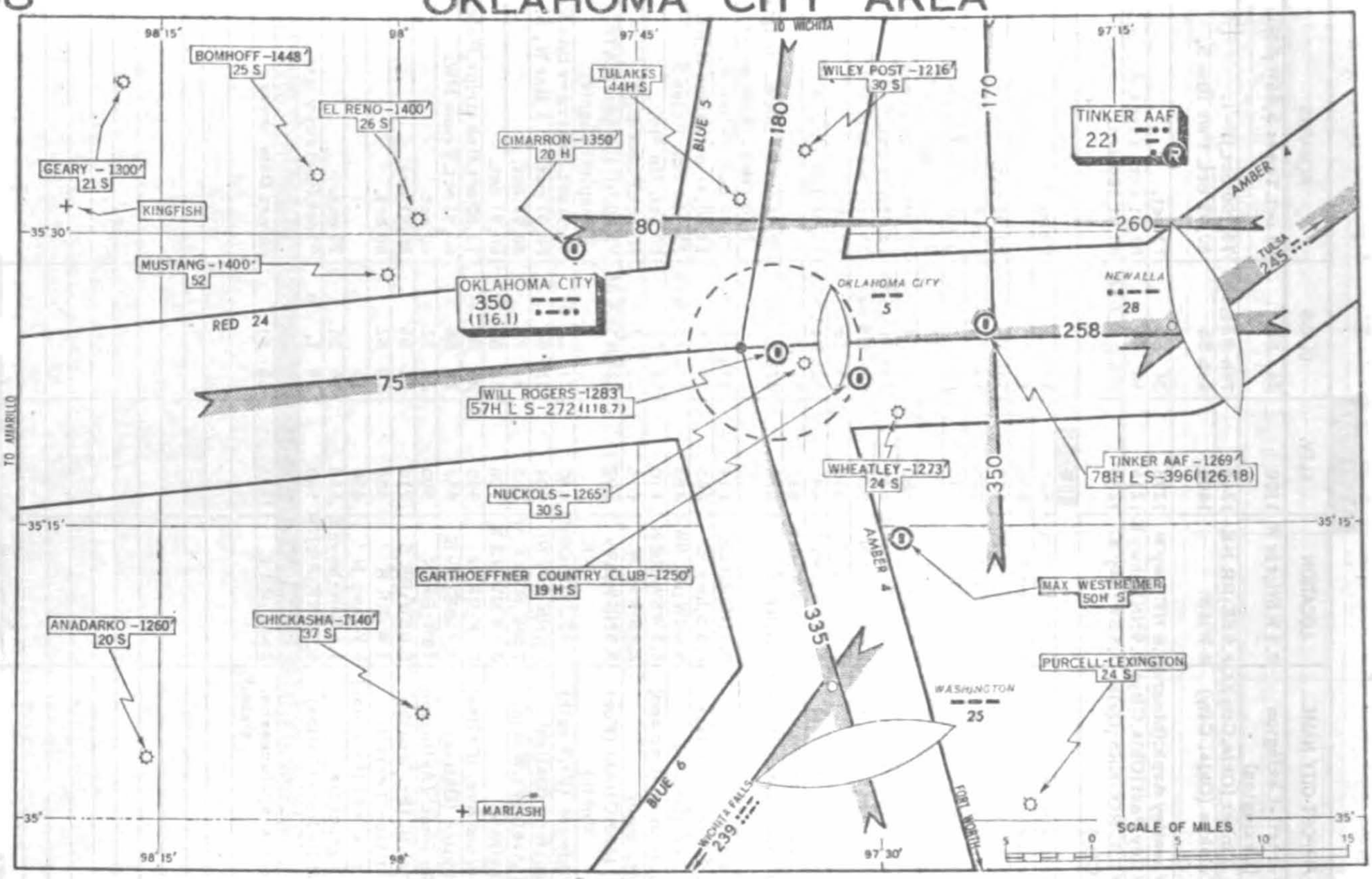
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anadarko	1.5 SW;RR E	1260	20 S1	80 oct.
Bomhoff (Calumet)	4.1 SSE;hwy S	1448	25 S4	73,80,91 oct.
Caddo Fly.Svc.(Ft. Cobb) (NC)	6 SE;hwy S	1250	16 S2	80 oct.
(P)Chickasha	4 NNW;riv S	1140	37 L S6	80,91 oct.Flood,obst lgts.
Cimarron (Yukon)	4 WSW;hwy N	1350	20h	
(P)El Reno	1.5 SW;RR N	1400	26 L S6	80 oct.Port rnwy lgts.
Geary	1.4 E;RR N	1300	21 S2	73 oct.
Garthoeffner Co.Club (Oklahoma City)	7.3 S;hwy E	1250	19h S6	80 oct.
Kingfish (Hinton)	3 N;hwy N		19 S1	80 oct. Data unver.
Lake View (Yukon)(NC)	2.7 E;RR N	1275	24	PRIVATE. Poles N, S.
Max Westheimer	2.7 NW;RR E	1178	50h S2	80, 91 oct. (Norman)
(P)Mustang (El Reno)	5.3 SSW	1400	52	
Nuckols (Okla.City)	7.2 SSW;hwy W	1265	30 S6	80 oct. Poles N,W,SW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV). NC-(not charted). → NEW OR REVISED DATA

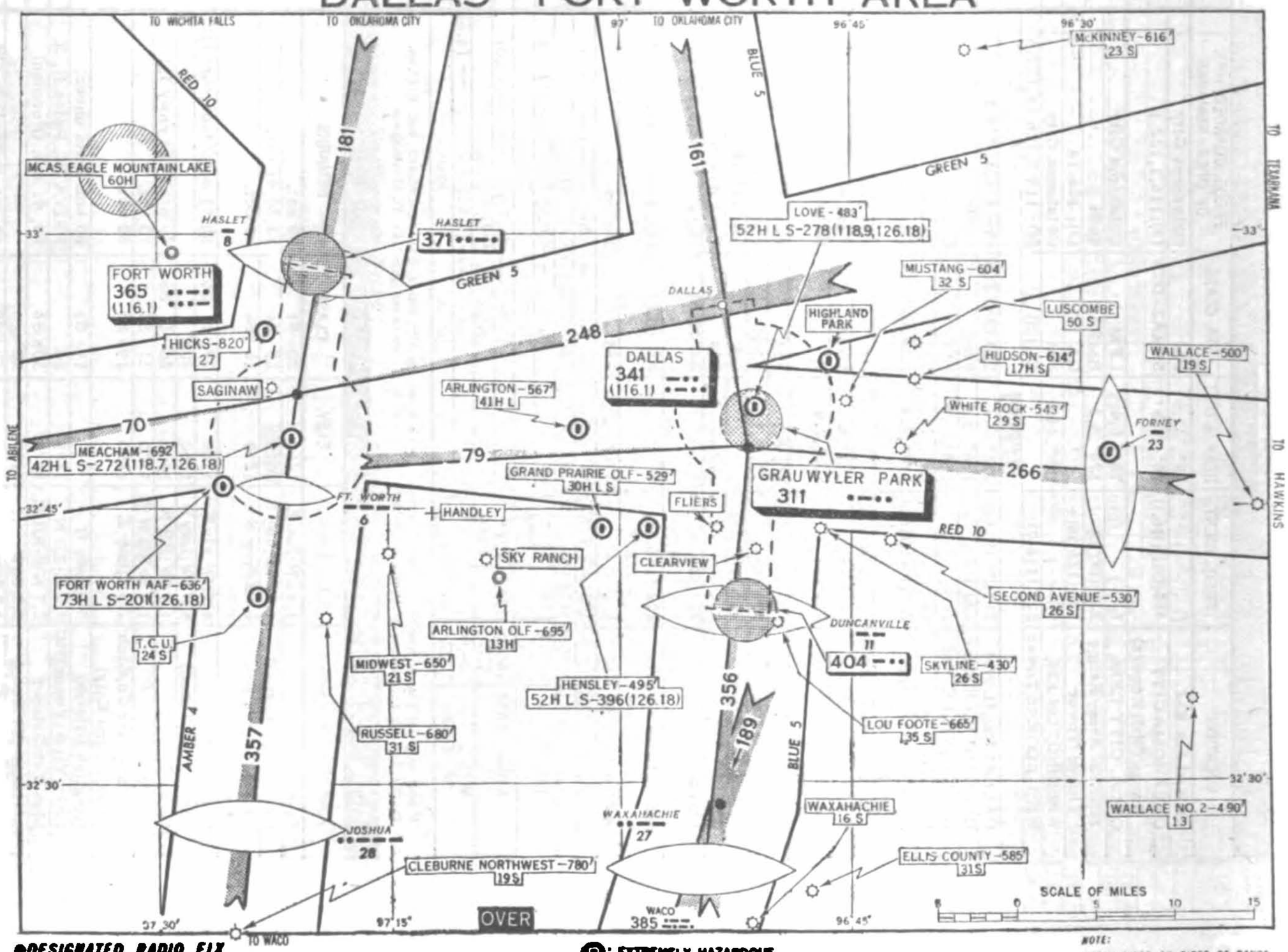
OKLAHOMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Purcell-Lexington (Lexington)	0.8 WSW;riv W	1100	24 S2	80 oct.Trees S,SSW,SSE.
(A) Tinker (Okla.City)(A)	8.5 SE;RR NE	1269	78h R2 L5 S6	73,100 oct.JP-1.
Tulakes (Okla. City)	8 WNW	1400	44h S6	80,91 oct. Pwr line S.
Wheatley Arpk.(Moore)	0.6 NE;hwy W	1273	24 S6	73 oct.
Wiley Post (Okla.City)	7.9 NNW;hwy E	1216	30 S6	80,91 oct. Trees S.
WILL ROGERS (Okla. City)	7.5 SW;hwy E	1283	57h R3 L6 S6	80,91,100 oct.
TEXAS				
Arlington-Midway	6.8 NNE;RR S	567	41h L5	Poles S.
(N)Arlington OLF (N)	4 SSW;rd W	695	13h	
Clearview (Dallas)	5.1 SSW;RR N	619	30h S6	80,91 oct.
Cleburne Northwest	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
(N)Eagle Mtn.Lake MCAS	1 SSE;RR NE	745	60h	INACTIVE.(Newark)(N)
(P)Ellis Co.(Waxahachie)	3.5 NE;RR S	585	31 S2	73 oct. Pole line S.
Fliers (Dallas)	6.2 WSW;RR W	580	17 S4	80 oct.No sto.Trees S.
(A)Ft.Worth AAF (A)	6.8 WNW;lakeN	636	73h R1 L5 S6	73,91,100 oct.JP-1,
(N)Grand Prairie OLF(N)	1 WSW;RR N	529	30h L5 S4	73 oct. No bcn. (N)
Handley	0.6 NE;RR S	630	26 S6	73 oct.
(A,N) Hensley(Dallas)	11 WSW;hwy N	495	52h R1 L5 S4	73,91,100 oct. (A)(N)
Hicks (Fort Worth)	12.5 NNW;1k W	820	27	
Highland Park(Dallas)	9 N;RR E	622	27h L S6	80,91 oct.P-line E.Ctc lgts N/S rnwy. Data unver.
Hudson (Dallas)	9.6 NE;RR SE	614	17h S6	80,91 oct. P-line W.
Lou Foote (Dallas)	8.8 S;hwy E	665	35 S6	73,80,91 oct.Bldgs N,NE.
(P)LOVE (Dallas)	5 NNW;RR SW	483	52h R3 L6 S6	73-100 oct. Poles S.
Luscombe (Garland)	2.2 WSW;RR N	610	50 S5	80 oct. No sto.
McKinney	2.1 S;hwy W	616	23 S2	80 oct.Poles E, W.
(N,P) MEACHAM (Fort Worth)	5.5 NNW;hwy NE	692	42h R3 L6 S6	73,80,91,100 oct. NATS. (Hospital flights)
Midwest (Ft.Worth)	5.3 ESE;RR NE	650	21 L S4	80,91 oct.Port rnwy lgts.P-line W, S.
Mustang (Dallas)	6 NNE;hwy NE	604	32 S6	80,91 oct.
Russell (Ft.Worth)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Saginaw	0.5 WNW;RR E	790	26 S6	80,91 oct.
Second Ave. (Dallas)	7 SE;RR N	530	26 S1	73,80 oct.Use strips.Poles S
Skyline (Dallas)	3.2 SSE;riv E	430	26 S6	80,91 oct.Trees NW.
Sky Ranch(Arlington)	3 SW;RR N	590	25 S2	80 oct.
T.C.U. (Ft. Worth)	6.6 SW;RR S	710	24 S6	80,91 oct.
Wallace(Terrell)	2 W;RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman)	4 W;hwy N	490	13	
Waxahachie	1.5 SSW;hwysE	558	16 S1	73 oct.
White Rock (Dallas)	6.7 ENE;RR NW	543	29 L S6	91oct,Port rnwy lgts.
NEW AIRPORTS				
Mariash(Chickasha, Okla.)	2 SSE;RR E	1275	30 S1	80 oct.Data unver.

OKLAHOMA CITY AREA



DALLAS - FORT WORTH AREA

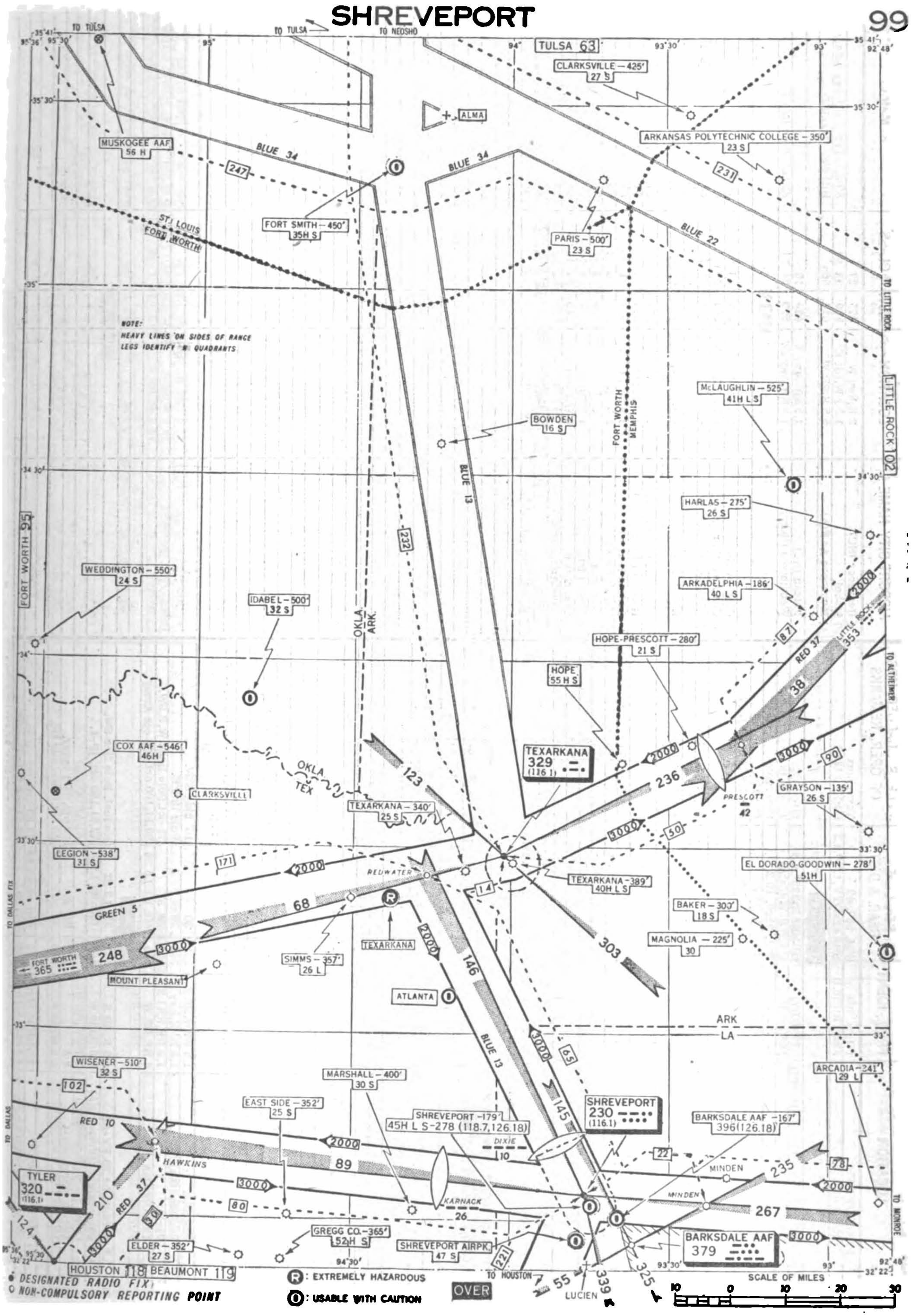


●DESIGNATED RADIO FIX
○NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS

SHREVEPORT


TO TULSA
TO TULSA
TO NEOSHO
TULSA 63
CLARKSVILLE – 425'
27 S
ALMA
ARKANSAS POLYTECHNIC COLLEGE – 350'
23 S
MUSKOGEE AAF
56 H
BLUE 34
247
231
BLUE 34
FORT SMITH – 450'
35H S
PARIS – 500'
23 S
BLUE 22
ST. LOUIS
FORT WORTH
TO LITTLE ROCK
NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY # QUADRANTS
McLAUGHLIN – 525'
41H L S
BOWDEN
16 S
FORT WORTH
MEMPHIS
LITTLE ROCK 102
BLUE 13
HARLAS – 275'
26 S
FORT WORTH 95
WEDDINGTON – 550'
24 S
IDABEL – 500'
32 S
OKLA.
ARK.
232
ARKADELPHIA – 186'
40 L S
2000
HOPE-PRESCOTT – 280'
21 S
HOPE
55 H S
87
RED 37
353
38
TO ALTHEIMER
COX AAF – 546'
46H
OKLA.
TEX
CLARKSVILLE
123
TEXARKANA
329
(116.1)
2000
236
3000
90
TEXARKANA – 340'
25 S
PRESCOTT
42
GRAYSON – 135'
26 S
50
171
LEGION – 538'
31 S
2000
REDWATER
14
TEXARKANA – 389'
40H L S
EL DORADO-GOODWIN – 278'
51H
TO DALLAS FIX
GREEN 5
68
R
BAKER – 307'
18 S
2000
146
303
MAGNOLIA – 225'
30
FORT WORTH
365
248
3000
SIMMS – 357'
26 L
TEXARKANA
MOUNT PLEASANT
ATLANTA
ARK
LA
WISENER – 510'
32 S
MARSHALL – 400'
30 S
BLUE 13
3000
65
ARCADIA – 241'
29 L
102
EAST SIDE – 352'
25 S
SHREVEPORT
230
(116.1)
SHREVEPORT – 179'
45H L S-278 (118.7,126.18)
145
BARKSDALE AAF – 167'
396(126.18)
RED 10
2000
DIXIE
10
22
78
HAWKINS
89
MINDEN
235
TO DALLAS
TYLER
320
(116.1)
210
RED 37
3000
80
KARNACK
26
MINDEN
267
2000
30
124
GREGG CO. – 365'
52H S
ELDER – 352'
27 S
SHREVEPORT AIRPK.
47 S
BARKSDALE AAF
379
3000
221
HOUSTON 118 BEAUMONT 119
TO HOUSTON
55
339
325
LUCIEN
SCALE OF MILES
10 0 10 20 30
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
OVER

RADIO

ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT FM	(-)	FM, 56°, 42	Texarkana
TEXARKANA	329(TR)(116.1)	SBRAZ-DTV,123°,2.2	(4);116.1,122.1

LOUISIANA

BARKSDALE(Shreveport)(Army)	378 (DBY)	SBMRAZ;325°,4,4	(3)
Barksdale Field	390(126.15)	CA(ILS-W)(GCA)	(3);126.18
DIXIE FM	(- - - -)	FM, 326°, 10.2	Shreveport
SHREVEPORT	250(ZH)(116.1)	SBRAZ-DTV	(3); 116.1
Shreveport Airport	278(126.18,118.7)	AC; 146°, 1.8	(4); 126.18,122.5,118.7,

TEXAS

KARNACK FM	(- - -)	FM, 269°, 26	Shreveport, La.
TYLER (Pounds)	320 (TQ) (116.1)	BMRLZ-DTV;120°,1.6	(4);116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BARKSDALE(A)				DECOMMISSIONED		
BARKSDALE(A)	109.9	333.8	143°Mag.	IM- (0.01)	MM- ·····(1.00)	OM- -- (4.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Ranges and Voice; W-Without Voice; Z-VHF Ranges Station Location Marker; CD-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alma	1.5 SE		22 S2	80 oct. Data unver.
Arkadelphia,24,DL-LV	1.5 ENE,RR N	186	40 L3 S6	80 oct.Pole line N, NW.
Arkansas Polytechnic (Russellville)	1.3 N,hwy W	350	23 S6	80 oct. Pole line SE.
Baker (Magnolia)	4.3 E,hwy S	300	18 S6	80, 91 oct.Pole line SW.
Bowden (Mena)	1 E,RR NW	1177	16 S1	73 oct.
Clarksville	2.5 E,hwy S	425	27 S1	80 oct.Pole line WSW.
(P) EL DORADO-GOODWIN (El Dorado)	8.6 W,hwy S	278	51h	
(P) FORT SMITH	4 SSE,RR S	450	35h L3 S6	80,91 oct. 150' stacks W.
Grayson (Camden)	3.4 SW,RR S	135	26 S6	80,91 oct. No sto.
Greig (Van Buren) (NC)	4.1 E,RR 1.5 N	450	13	
Harlas (Malvern)	2.1 WSW,RR SE	275	26 S1	73 oct. Power line NE.
Hope	5 NNW,RR E	359	55h L3 S6	80,91 oct.Lgts prior req.Use rnwy.
Hope Prescott (Prescott)	3 SW,RR E	280	21 S6	80 oct.
(P) McLaughlin (Hot Springs)	3 SW,RR N	525	41h L5 S6	80 oct. Bldg,twr N.All lgts prior req.
Magnolia	1.6 WSW,RR E	225	30	10' bldg SSW.
Norman (Ola)(NC)	1.8 NNE,hwy E	348	28	Pole line E.
Paris	1.8 NE,RR 1 S	500	23 S1	73 oct.Pole lines W,E,SW.
TEXARKANA	4 NE,RR W	389	40h R1 L5 S6	80,91,100 oct;100 oct Army.

LOUISIANA

* Arcadia Int,26,FV-AG	4.5 E,RR S	341	29 L3 S2	No fuel. Pole line SW.
(A) Barksdale (Shreveport)(A)	5.8 E,riv W	167	100h R3 L5 S4	73,91,100 oct. JP-1.
→ Cross Lake (Shreveport)	7 WNW,RR NE			ABANDONED
Lucien (Shreveport)	7 S	205	31 S4	80 oct.Data unver.
Minden	1.5 W,RR S	200	26 S4	80 oct.Trees sur fld.
(P) SHREVEPORT	2.5 NNE,riv E	179	45h R2 L5 S6	73,80 oct.
Shreveport Airpark	4.5 SSW,bet RRs	200	47 S6	80,91 oct.Pole line SE.

OKLAHOMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Heavener (NC)	2 N,hwy W	575	27	
(P) Idabel	1.3 NW,RR E	500	32 S1	80 oct. Trees E.Rnwy data unver.
(A) Muskogee AAF(A)	5.5 S,RR W	610	56h	Hill SW. CLOSED
Poteau (NC)	1.5 SSW,hwy W	460	15	
Weddington (Hugo)	1.9 NW,hwy SW	550	24 S1	80 oct. Pole line E.

TEXAS

Clarksville	2.8 NNW,RR SW	480	20 S6	73,80 oct.
(A) Cox AAF (Paris)(A)	6.5 ESE,RR N	546	46h	CLOSED.
East Side (Longview)	2.4 NE,RR S	352	25 L S6	80,91 oct.Port rnwy lgts. Pole line S.
Elder (Kilgore)	2.5 NE,RR E	352	27 S6	80,87,91 oct.Pole line W.
(P) Gregg County(Longview)	7.2 S,riv N	365	52h S1	80, 91 oct.
Holmes (Gilmer)(NC)	4 N,RR W	370	23	Pole line W. Cattle on fld.
Legion (Paris)	1.9 NW,RR E	538	31 S6	80 oct.Pole line E.
Mt. Pleasant	2.8 ENE,RR S	393	20 S1	80 oct.
Marshall	3.9 SE,hwy N	400	30 S6	73 oct. Pole line N.
★ Simms Int, 14, DL-LV	1 NE,hwy E	357	26 L3	Pole line E, S.
Texarkana	6 W,RR N	340	25 L S6	80, 91 oct.Flare pots in emerg.
Wisener (Mineola)	1.5 NW,hwy S	510	32 S2	73 oct.

NEW AIRPORTS

→ Atlanta Mun. (Tex.)	2 WSW;hwy NW	264	37	P-line ESE,SSE.

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → New or revised data

RADIO

ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ADAMS FIELD (Little Rock)	278 (126.18,118.5)	C	(4); 126.18,118.5,122.5 (7-23)
BRUINS FM	(- - - -)	FM; 240°, 24	Memphis, Tenn.
LITTLE ROCK (Adams Field)	353 (LI)(116.1)	SBRAZ-DTV,313°,3.8	(3);116.1,122.1
STUTTGART AAF	269 (DSA)	MRLWZ,173°, 4.7	
LOUISIANA			
MONROE (Selman)	359 (UO)(116.1)	SBMRLZ-DTV,25°,2.8	(4); 116.1
MISSISSIPPI			
FLORA FM	(-)	FM, 356°, 13	Jackson
GREENWOOD AAF	281 (GD)(116.1)	BMLZ-DTV, 265°,1.9	(4); 116.1
JACKSON (Hawkins)	260 (JA)(116.1)	SBRAZ-DTV,173°,2.4	(3); 116.1,122.1
NESBITT FM	(- - -)	FM, 179°, 9.4	Memphis, Tenn.
VICKSBURG	382 (VS)(116.1)	MHTV	(4); 116.1
[redacted]			
CUBA FM	(-)	FM, 356°, 20.5	Memphis

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105. 4495, 6210 kcs; (4)-3105. 4495, 6210. 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1. 137.88. 140.58 mcs.

AIRPORTS

ARKANSAS

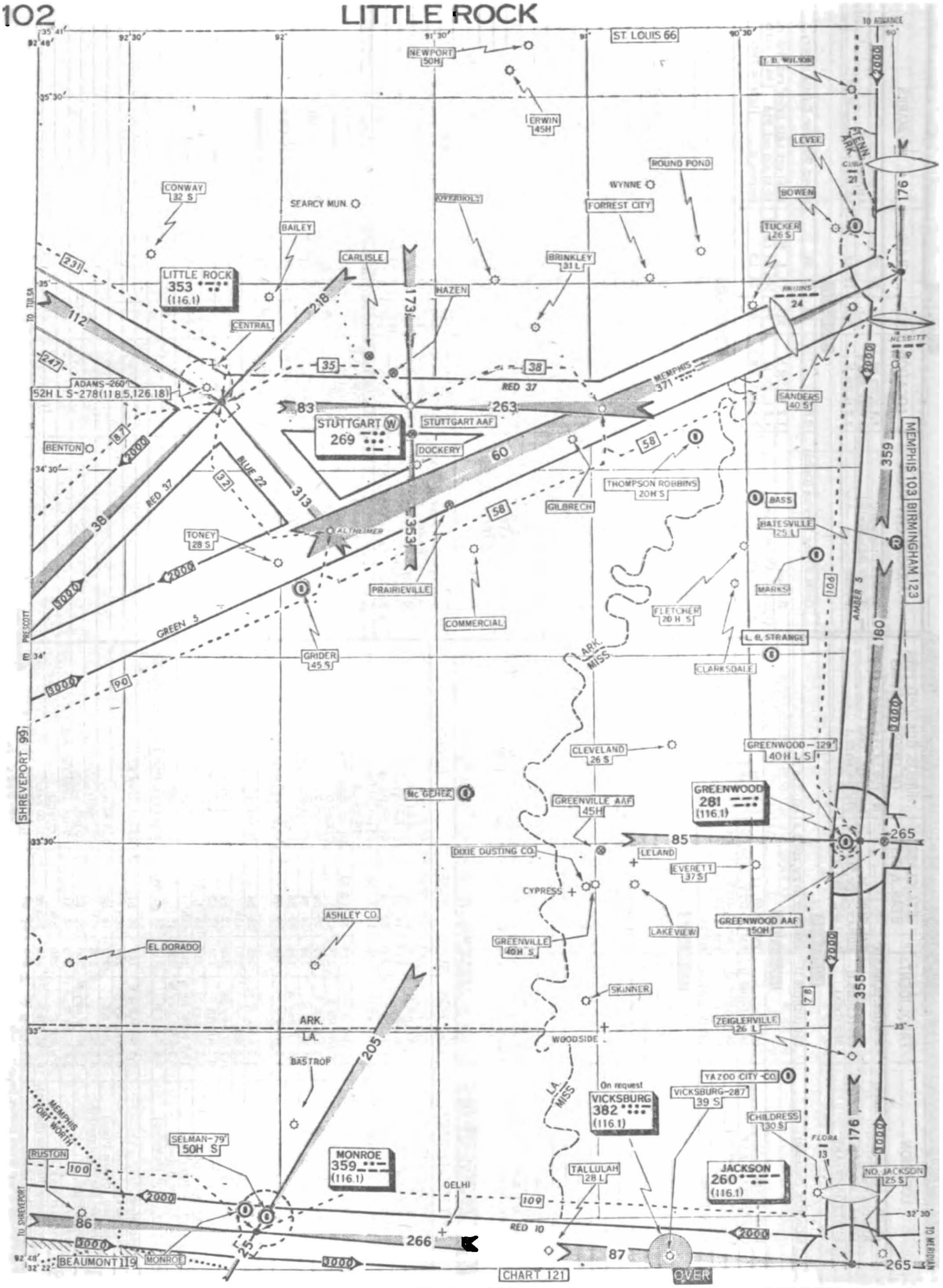
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(NG) ADAMS (Little Rock)	4 E,RR W	260	52h R2 L5 S6	80,91 oct.
Ashley Co.(Crossett)	5.5 NE,RR E	160	21 S1	Ltd 80 oct.Obsts surround fld.
Bailey (Cabot)	0.5 W,RR E	270	16 S1	80 oct. Trees surround fld.
Benton	1.6 W,RR S	300	20 S6	80 oct.Poles S.
Bowen (West Memphis)	1.5 W,hwy N	215	17 L S6	80 oct.Flood lgts.; port rnwy lgts. Poles SE.
(P) Brinkley, 37, DL-LV	1 E,RR N	188	31 L3 S1	80 oct days. Obst NW.
(A) Carlisle (Stuttgart) (A)	26 NW,RR S	236	45h	CLOSED
Central (Little Rock)	4.5 NE,RR S	255	35 S4	80 oct. Trees W Data unver.
Commercial (De Witt)	2.4 W,RR N	196	24 S4	80 oct.Poleline E.
(P) Conway	1.5 SE,hwy W	309	32 S6	80,91 oct.
Dockery (Stuttgart)	1.5 NNW	214	24 S2	73,80 oct. Pole line N,S,E.
El Dorado	1.5 S,RR W	265	24 S4	80 oct.
Erwin (Newport)	2.5 SSE	220	45h	
Forrest City	0.7 W,hwy SE	226	22 S2	80 oct. Bldg S.
Gilbrech (Palmer)	0.2 NE,RR S	178	17 S2	80 oct.N/S strip rough.Poles W.
(P) Grider (Pine Bluff)	5.5 SE,hwy N	210	45 L S6	73,80 oct. Port rnwy lgts.
(A) Hazen (Stuttgart) (A)	18.7 NNW,RR N	225	45h	CLOSED
J.B. Wilson (Joiner)	0.5 ENE,hwy W	225	15	Trees NE.
→ Levee (West Memphis)	2.4 E,RR N	215	24 L S4	80,91 oct. Port rnwy lgts.Poleline N, S.
McGehee	0.6 NNW,RR E	145	30 S1	80 oct. Hwy E.
Newport	6 ENE,hwy N	237	50h	
Overholt (Cotton Plant)	3 W,RR NE	250	18 S1	Ltd 80 oct.
(A) Prairieville (Stuttgart) (A)	8.2 SE	205	45h	CLOSED
Round Pond	1.5 NNW,hwy N	200	22 S2	80 oct.
Searcy	2.8 S,RR E	260	14 S1	80 oct. Pole line NE, SE
(A) Stuttgart AAF (A)	7 N,RR E	230	50h	CLOSED
Thompson-Robbins (Helena)	6 NW, RR S	242	20h S6	73, 80 oct.
Toney(Pine Bluff)	2.5 N,hwy W	215	28 S2	73,80 oct. Twr NW lgtd.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → New or revised data

ARKANSAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tucker (Hughes)	1.1 S,RR W	205	26 S2	80 oct.
→ Wright (Monticello)	1 ENE,hwy S			ABANDONED
Wynne	3.2 N,RR E	212	17 S2	80 oct. Pole line E,SE.
LOUISIANA				
Delhi Flying Service (Delhi)	0.5 N	95	23 S4	80 oct.Poleline E.Data unver.
Ruston	1.2 SE,RR N	317	32 L S6	80,91 oct.Lgts prior req.1600' rnwy hard surface.
(P) SELMAN (Monroe)	4.6 E,RR N	79	50h R1 L5 S1	80,91,100 oct. Fld lgts on req.
★ Tallulah Int,36,FV-AG	2.4 ENE,RR S	84	28 L3	Beacon S.
MISSISSIPPI				
Augustine (Jackson)(NC)	11.5 NE,riv SE	335	40	
★ Batesville Int,29,NO-LS	3 W,hwy SE	205	25 L3	Poles N, lgtd.
Childress (Flora)	1.5 NNW,RR E	186	30 S1	73 oct.Trees, bldg N
Clarksdale	1.5 SE,hwy NW	175	22 S6	73 oct. Use strips only.
Cleveland	2 NW,hwy S	400	26 S6	73 oct.
Cole (Heads)(NC)	3 NE,RR W	118	16	
Cypress (Greenville)	1.5 SSW,lake E	120	28 S1	80 oct. Data unver.
Dixie Dusting Co. (Greenville)	2 SE,RR,hwy N	118	16 S4	73 oct. No sto.
Everett (Moorhead)	1 SE,RR N	127	37 S6	73 oct. No sto.
Fletcher (Clarksdale)	8 NNE,RR W	175	20h S6	80, 91 oct.
Greenville, mun.	3.5 ESE,hwy N	118	40h S1	80, oct.
(A) Greenville AAF (A)	6.5 NE,road W	131	45h	CLOSED
GREENWOOD, mun.	2.3 SW,RR SE	129	40h R1 L5 S2	80,91 oct.Pole line E,SE.
(A) Greenwood AAF (A)	5.8 ESE,hwy N	162	50h	CLOSED
Lakeview Airpark (Leland)	1.7 SE,lake E	120	18 S4	73 oct.No sto.Data unver.
Leland	3 NNE		23 S4	80 oct.No sto.Pwrline NW. Data unver.
→ Marks	1.5 NW,hwy N	160	22 S2	73 oct.P-line S
North Jackson Arpk.(Jackson)	7.5 NE,hwy E	300	25 S4	80 oct.No sto.Trees S.
(P) Sanders (Walls)	1.8 S,hwy NW	210	40 S6	73,80 oct.Trees E.
Skinner (Glen Allan)	4 N,lake W	110	18 S1	73 oct.
Vicksburg	6.8 NE,hwy W	287	39 R1 S4	80,91 oct.
★ Zeiglerville Int,19,NO-LS	3 SW,riv N	248	26 L2	Twr SE.Trees E,S,SE.
NEW AIRPORTS				
Lee (Canton,Miss.)(NC)	1.4 WNW;RR E	300	38	Tank E.
Monroe Arpk (La)	1.5 N;RR N		26 S6	80 oct.
→ Woodside (Grace,Miss.)	1.4 NW	106	24 S1	80 oct.
Yazoo City County (Miss)	1.5 N		18 S1	80 oct. Data unver
Bastrop, (La.)	2.8 WSW;riv W		18 S1	80 oct.
→ L. B. Strange Flying Service (Tutwiler,Miss.)	0.7 SSE;hwy W,E		22 S6	80 oct N blocked.
→ Bass (Lula,Miss.)	2.2 SSE;hwy E	200	13 S1	80 oct.N blocked.

LITTLE ROCK



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE: HEAVY LINES ON SIDES OF AIRWAYS LEGS INDICATE 8 QUADRANTS.

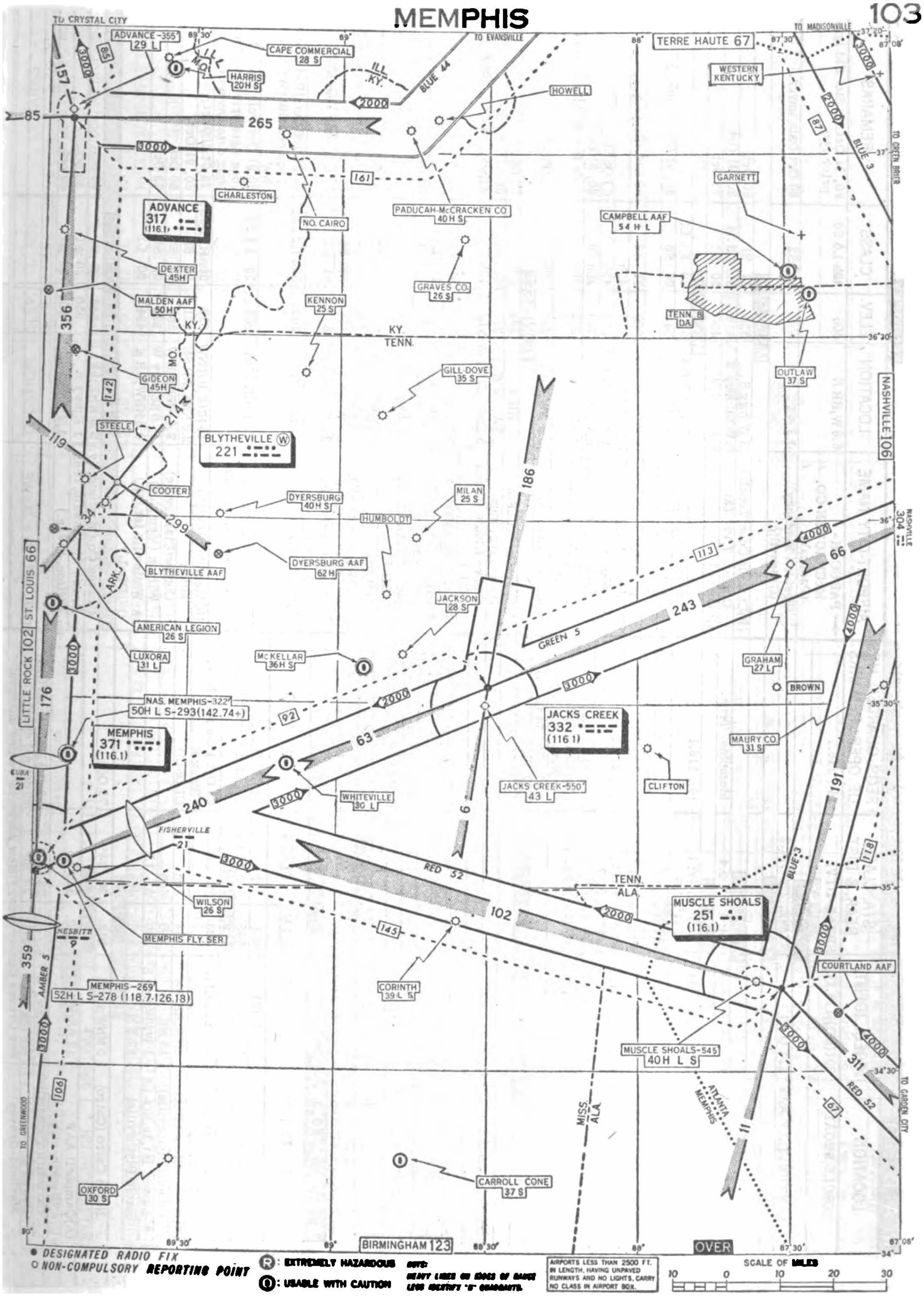
AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CLOSED AND CLASS IN AIRPORT GUIDE

(R) EXTREMELY HAZARDOUS

(O) USABLE WITH CAUTION

SCALE OF MILES

10 0 10 20 30


TO CRYSTAL CITY
ADVANCE -355'
29 L
CAPE COMMERCIAL
28 S
HARRIS
20H S
ILL.
MO.
ILL.
KY.
TO EVANSVILLE
BLUE 44
TERRE HAUTE 67
TO MADISONVILLE
WESTERN KENTUCKY
HOWELL
85
265
157
3000
2000
87
BLUE 3
TO GREEN BRIER
161
CHARLESTON
ADVANCE
317
(116.1)
NO. CAIRO
PADUCAH-McCRACKEN CO
40 H S
GARNETT
CAMPBELL AAF
54 H L
DEXTER
45H
MALDEN AAF
50 H
KY.
KENNON
25 S
GRAVES CO.
26 S
TENN. 8 DA
356
KY.
TENN.
GILL-DOVE
35 S
OUTLAW
37 S
NASHVILLE 106
GIDEON
45H
142
214
119
STEELE
BLYTHEVILLE
221
COOTER
DYERSBURG
40H S
MILAN
25 S
HUMBOLDT
186
299
34
DYERSBURG AAF
62 H
BLYTHEVILLE AAF
ARK.
LITTLE ROCK 102 ST. LOUIS 66
JACKSON
28 S
AMERICAN LEGION
26 S
LUXORA
31 L
McKELLAR
36H S
GREEN 5
243
113
66
4000
GRAHAM
27 L
BROWN
NASHVILLE 304
NAS. MEMPHIS-322'
50H L S-293(142.74+)
MEMPHIS
371
(116.1)
JACKS CREEK
332
(116.1)
MAURY CO.
31 S
176
92
63
2000
3000
CUBA
21
240
WHITEVILLE
30 L
JACKS CREEK-550'
43 L
CLIFTON
6
191
FISHERVILLE
21
RED 52
TENN.
ALA.
MUSCLE SHOALS
251
(116.1)
BLUE 3
118
WILSON
26 S
NESBITT
9
MEMPHIS FLY. SER
359
AMBER 5
MEMPHIS -269'
52H L S-278 (118.7-126.18)
CORINTH
39 L S
145
102
COURTLAND AAF
311
MUSCLE SHOALS-545'
40H L S
34°30'
TO CARDEN CITY
TO GREENWOOD
106
OXFORD
30 S
CARROLL CONE
37 S
MISS.
ALA.
ATLANTA
MEMPHIS
11
67
RED 52
BIRMINGHAM 123
OVER
90°
89°30'
89°
88°30'
88°
87°30'
87°08'
37°20'
37°
36°30'
36°
35°30'
35°
34°30'
34°
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON EDGES OF BASIC LOW ALTITUDE "E" QUADRANTS.
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.
SCALE OF MILES
10 0 10 20 30

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER.. REMARKS
		ALABAMA	
MUSCLE SHOALS	251(ED)(116.1)	SBRAZ-DTV; 262°, 4.6	(4); 116.1
		ARKANSAS	
BLYTHEVILLE AAF	221 (LY)	RLWZ; 226°,14.2	
		KENTUCKY	
		MISSISSIPPI	
NESBITT FM	(- - -)	FM; 179°, 9.4	Memphis, Tenn.
		MISSOURI	
ADVANCE (Int.)	317(AF)(116.1)	SBMRAZ-DTV; 354°, 1.5	(4); 116.1
		TENNESSEE	
CUBA FM	(-)	FM; 356°, 20.5	Memphis
FISHERVILLE FM	(- -)	FM; 60°, 20.5	Memphis
JACKS CREEK (Int.)	332(JK)(116.1)	BMRLZ-DTV; 186°, 2.62	(4); 116.1
MEMPHIS	371(PS)(116.1)	SBRAZ-DTV	(3); 116.1,122.1
→ Memphis Airport	278 (126.18, 118.7)	AC (ILS): 356°,2.1	(4);126.18,122.5,118.7 See Notice to Airmen
Memphis NAS	293 (142.74)	CN	3105; 142.74 (6-24)
NEW RADIO FACILITIES			

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
MEMPHIS	109.9 •—•— •••	333.8	86° Mag.	IM-	MM- •—•—(0.69) OM- ——(4.79)
				IM-	MMK 201 •••(0.69) OMK 233.—.—(4.79)
					MM- OM-
					MMK- OMK-

S-Simul. Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
			ALABAMA	
(A)Courtland AAF(A)	1.5 SW;RR N	588	50h	CLOSED
Muscle Shoals	1.5E;dam NNW	545	40h R1 L5 S6	80, 91 Oct. No fuel for mil acft
			ARKANSAS	
American Legion (Blytheville)	1.5ESE;RR N	260	26 S6	80 Oct. Pole line N,W. Stack E.
(A)Blytheville AAF(A)	3NW;RR SW	254	50h	CLOSED
Cooter(Blytheville)	10 NE	260	40h	
* Luxora Int,39,NO-LS	1 WNW;hwy S	240	31 L2	
Steele(Blytheville)	12.3 N	258	40h	
			ILLINOIS	
North Cairo (Cairo)	3 NNW;RR E	312	24 S4	73 Oct.
			KENTUCKY	
(A)Campbell AAF (Hopkinsville)(A)	12.8 S;RR E	557	54h L5	
Garnett(Hopkinsville)	6 SSE;hwy W		23 S1	80 Oct. Data unverified
Howell (Paducah)	4 WNW;RR S	371	20 S6	80 oct. All appchs blocked.
Mayfield-Graves County	See Graves County under "New Airports"-name changed.			

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
			KENTUCKY	
→ PADUCAH-McCRACKEN CO. (Paducah)	8.8 W;RR N	405	40h L5 S6	80, 91 Oct. No Sto. Fld lgts prior req.
Western Kentucky (Greenville)	0.3 NE		23 S2	80 Oct. Data unver.
			MISSISSIPPI	
(P)Carroll Cone(Tupelo)	3 W;hwy S	338	37 S1	80 Oct.
Corinth 7,PS-TM	5 WSW;hwy N	418	39 L3 S4	80, 91 Oct.
(P)Oxford	8 S;riv N,W	400	30 S2	73 Oct.
			MISSOURI	
* Advance Int,48,NO-LS	0.8 WSW;RR S	355	29 R1 L3	
Cape Commercial (Cape Girardeau)	4.8 SW;RR S	340	28 S6	80, 91 Oct. 8' dike S.
Charleston	1 ESE;RR NW	300	31 S2	80 Oct. Poles S.
Dexter (Malden)	12.5 NNE	315	45h	
(A)Gideon (Malden)(A)	1 SE of Gideon	268	45h	CLOSED
Harris(Cape Girardeau)	6.5 SSW;hwy E	340	20h S6	80, 91 Oct.
Harvey Parks(Sikeston) (NC)	2 NE;RR S	315	66	Pole line W.Allway area.
(A)Malden AAF (A)	3.5 NW;RR E	296	50h	CLOSED
			TENNESSEE	
(A)Dyersburg AAF(A)	9 S;RR E	289	62h	CLOSED
Dyersburg, mun.	2 SW;riv N	337	40h S4	80 Oct. No Sto.
Embry Riddle (Union City)	5 ESE;riv WNW	340	18h	Allway: 4620 x 3960'
(P)Gill-Dove (Martin)	3.5 S;hwy E	416	35 S6	80 Oct.
* Graham Int. 59,DL-LV	1.5 NW;hwy E	536	27 L3	
Humboldt	4.6 ESE;hwy W	380	15 S1	80 Oct.
* Jacks Creek Int,53, DL-LV	2 N;hwy E	550	43 R1 L3	
Jackson	2.5 ENE;hwy NW	450	28 S6	80 Oct.
Kennon (Union City)	3.2 WSW;hwy N	350	25 S6	80 Oct. No Sto. Pole line N.
(P)McKellar (Jackson)	5.8 W;RR S	410	36h S6	80 Oct.
Maury County (Mt. Pleasant)	2.5 ENE;RR SW	672	31 S2	80 Oct. Pole line NW
(A)MEMPHIS	5.9 SSE;RR NE	269	52h R3 L6 S6	73,91,100 Oct. JP-1. Radio required. Obst W,SE,S, NW
Memphis Flying Service (Memphis)	11 SE;RR 3 NW	286	35 L4 S6	80,91 Oct. Pole line S No bcn-Lgts prior req. Rnwy lgtg data unverified
(N)Memphis NAS(N)	16 NNE;RR NW	322	50h R1 L5 S6	73,91,100 oct.
Milan	2.8 NNE;RR SE	421	25 S5	80, 91 Oct.
Outlaw(Clarksville)	7.4 NNW;RR W	550	37 S5	80 Oct.
Wilson (Memphis)	11.5 SE;hwy W	320	26 S6	73 Oct.
* Whiteville Int, 49, DL-LV	0.6 NNW;RR E	494	30 L3	
NEW AIRPORTS				
Graves Co.(Mayfield,Ky.)	3.6 ENE;hwy S	543	26 S1	80 oct.
→ Brown (Hohenwald,Tenn.)	1 E;hwy S	950	20 S1	80 oct.
→ Clifton, (Tenn.)	1,3 ENE	402	28 S1	80 oct.

h hard surfaced runways R-radio facilities L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

RADIO

ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GARDEN CITY FM	(. -)	FM, 358°, 23	Birmingham

KENTUCKY

BOWLING GREEN	368 (BA)	SBMRAZ-DT, 296°, 3.8	(4)

TENNESSEE

BERRY (Nashville)	278(118.3,126.18)	AC(ILS-W)246°,2.6	(4);126.18,118.3,122.5
CHATTANOOGA	341(CB)(116.1)	SBRAZ-DTV	(3);116.1,122.1
Chattanooga-Lovell Field	278(126.18,118.9)	C, 203°, 3	(4);126.18,118.9,122.5
FAIRVIEW FM	(- - -)	FM, 246°, 23	Nashville
GREEN BRIER FM	(- - - -)	FM, 331°, 23	Nashville
KINGSTON FM	(- - - -)	FM, 263°, 27.5	Knoxville
MT. JULIET FM	(-)	FM, 66°, 9.6	Nashville
NASHVILLE(Berry)	304(NA)(116.1)	SBRAZ-DTV	(3);116.1,122.1
SMITHVILLE (Int)	347(XM)(116.1)	SBMRAZ-DTV 177°, 1.4	(4); 116.1
SMYRNA AAF (Nashville)	219 (126.18)+	CA (ILS-W)	(3); 126.18
WALTERHILL FM	(- -)	FM, 129°,19.6	Nashville

NEW RADIO FACILITIES

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BERRY	109.9		14° Mag.	IM-	MM- ·····(0.81)	OM- --(4.05)
					MMK-	OMK-
SMYRNA AAF (A)	109.5 ·:·:·—	335	230° Mag.	IM- (0.04)	MM- ·····(0.81)	OM- --(4.31)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116 I, 137.88, 140.58 mcs.

AIRPORTS

ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Albertville	1 NW;RR NE	1063	15 S1	80 oct.
Athens	3.2NNW;hwy E	780	26 S2	80 oct. Lgt acft only.
Beaver Dam(Decatur) (NC)	7 E;RR W	580	20	
Centre (NC)	0.6 NNW	720	22 S4	80 oct. SSE appr blocked.
Cullman	5 SSE;RR E	740	15 S2	73 oct.
Gadsden	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Guntersville Dam (NC)	9.1 NW;hwy E	600	30	
Hartselle	1 WSW;hwy N	588	18 S4	80 oct.
HUNTSVILLE	3.1 S;RR E	610	38h S6	80-91 oct.
(A) " Arsenal (A)	7 SW;RR NW	677	56h	
North Sauty Base (Scottsboro)	3.2 SSW;RR NNE	610	20 S1	80 oct.
Pryor (Decatur)	4 NNE;hwy W	588	44 S6	80, 91 oct.

GEORGIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cedartown	1 W;road S	850	25 S4	80 oct. Pole lines N, W; hill SW.
Clevenger's Airpark (Marietta)	5 NE; RR W	1080	14 S4	Ltd 80 oct. No storage.
Dalton	5.7 ESE	700	22 S1	80 oct.
Felton(Cartersville)	2.5 N	790	23	Hills S,W,N;wires E,W.
Jasper	1 N;RR W	1935	17 S2	80 oct.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80 oct. Hwy E
Rockmart	2 ENE;RR W	800	20 S1	80 oct. Pole line W
Rome	3 NW;RR S	669	25 S6	80 oct. No storage.
(N) Russell (Rome)	7 N;hwy W	644	45h L5 S6	80,91 oct. Data unver.

KENTUCKY

(P) Bowling Green	2.5 SSE;hwy W	540	40h R1 L5 S4	80,91 oct. Fld lgts on req to commun stn.
Somerset	5 N; RR W		20 S2	80 oct. Data unverified.

TENNESSEE

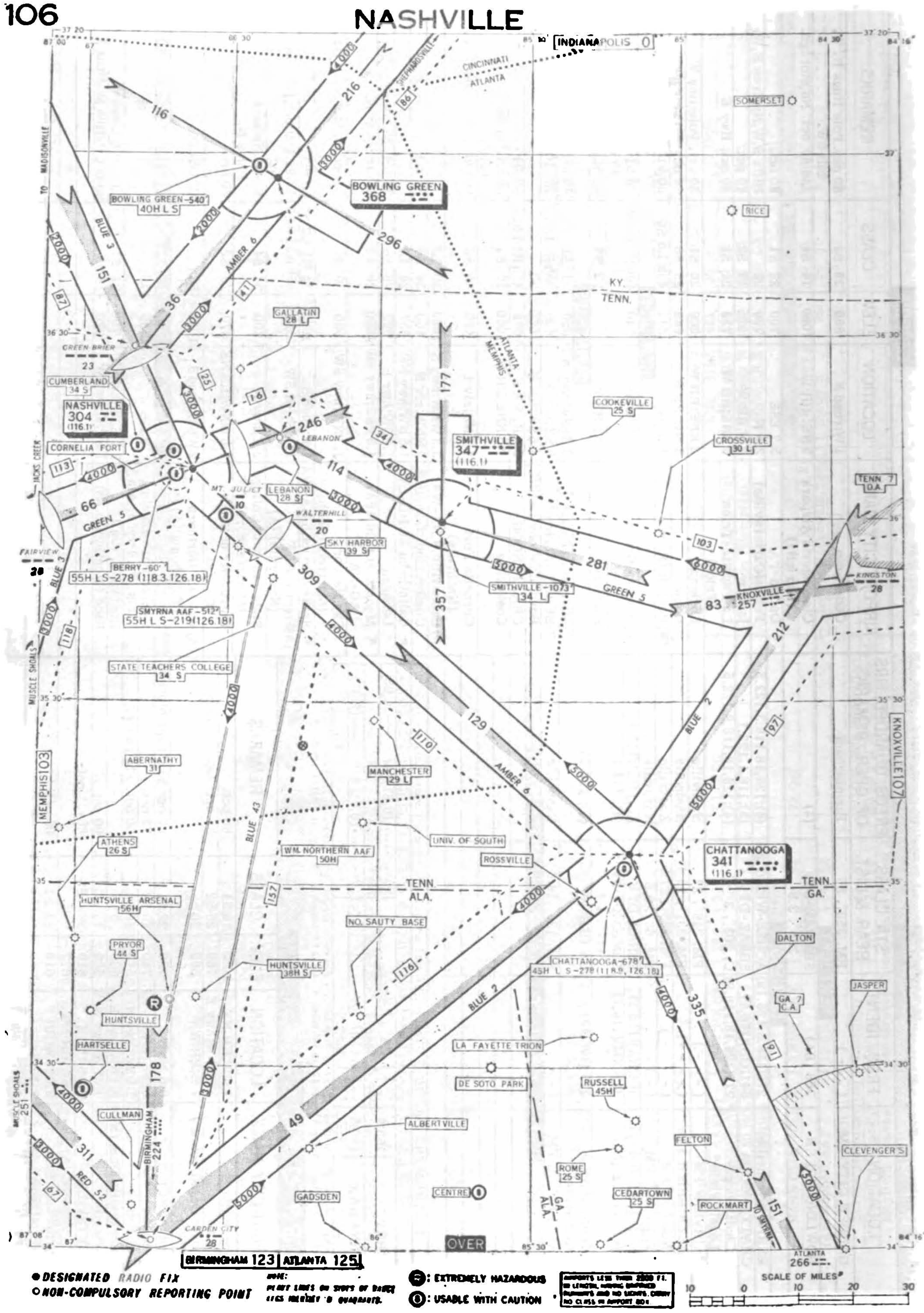
(P) Abernathy(Pulaski)	3.6 SSW;hwy NE	650	31 S1	80 oct. Trees E.
(P) BERRY (Nashville)	6 SE;hwy S	606	55h R3 L6 S6	73, 100 oct.
Boyd(McMinnville)(NC)	4.6 SW;RR N	1000	20	
CHATTANOOGA	5.5 E; RR E	678	45h R1 L5 S6	80, 91 oct.
Cookeville	1.5 NNE;RR N	1050	25 S4	80 oct. Sto. in emerg. Poles W
Cornelia Fort (Nashville)	4 ENE;riv E	420	30 S6	80 oct. Data unverified.
(P) Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	
Cumberland(Nashville)	3 NNW;riv N	400	34 S6	80 oct. No storage.
* Gallatin Int,66,DL-LV	1.5 NW;hwy NE	557	28 L3	
Lebanon	1.8 SW;hwy E	522	28 S6	73 oct. No storage.
* Manchester Int,16A, AG-NA	4.5 ESE;hwy SW	1090	29 L3	53' trees W,N
Sky Harbor (Murfreesboro)	7.3 NW;hwy SW	560	39 S6	73 oct. No sto. Poles NE.
* Smithville Int,5,NA-WA	1 E;road S	1073	34 R1 L3 S1	80 oct.
(A) Smyrna AAF (Nashville) (A)	17 SE;RR SW	512	55h R3 L5 S3	73,91,100 oct. JP-1. No rng.
State Teachers College (Murfreesboro)	2 E;hwy N	600	34 S4	80 oct. No storage. Poles N.
University of South (Cowan)	1.8 WNW;RR NE	870	23 S2	80 oct.
(A) William Northern (Tullahoma)(A)	2 WNW;road S	1081	50h	CLOSED.

NEW AIRPORTS

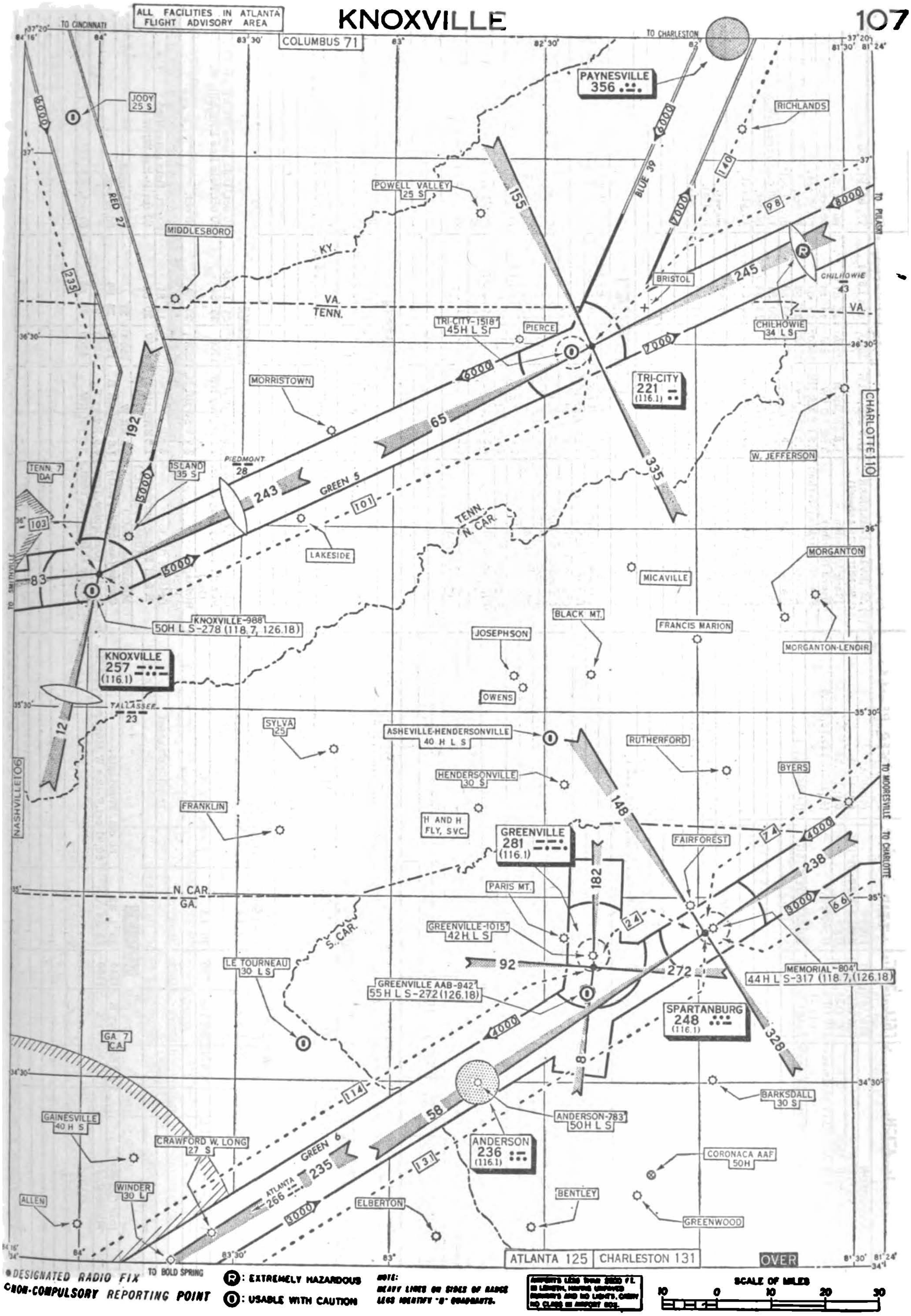
DeSoto Park Landing Strip (Ft. Payne, Ala.)	6 NE	1556	18	
Rossville, (Ga.)	2.1 SSW;hwy E	760	21 S1	80 oct. S blocked.
Rice (Monticello,Ky)	1.8 NE;hwy W	920	18 S2	80 oct. P-line W. Mtns E

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted) → NEW OR REVISED DATA

NASHVILLE


INDIANAPOLIS 0
CINCINNATI
ATLANTA
SHEPHARDSVILLE
SOMERSET
RICE
BOWLING GREEN
368
BOWLING GREEN -540'
40H L S
KY.
TENN.
GALLATIN
28 L
GREEN BRIER
23
CUMBERLAND
34 S
NASHVILLE
304
(116.1)
CORNELIA FORT
JACKS CREEK
MT. JULIET
LEBANON
28 S
LEBANON
SMITHVILLE
347
(116.1)
COOKEVILLE
25 S
CROSSVILLE
30 L
WALTERHILL
20
SKY HARBOR
39 S
FAIRVIEW
28
BERRY -60'
55H LS-278 (118.3.126.18)
SMYRNA AAF -512'
55H L S-219(126.18)
SMITHVILLE -1073'
34 L
KNOXVILLE
257
KINGSTON
28
TENN 7
O.A.
STATE TEACHERS COLLEGE
34 S
MUSCLE SHOALS
ABERNATHY
31
MANCHESTER
29 L
MEMPHIS 103
KNOXVILLE 107
ATHENS
26 S
WM. NORTHERN AAF
50H
UNIV. OF SOUTH
ROSSVILLE
CHATTANOOGA
341
(116.1)
TENN.
ALA.
TENN.
GA.
HUNTSVILLE ARSENAL
56H
NO. SAUTY BASE
PRYOR
44 S
HUNTSVILLE
38H S
CHATTANOOGA -678'
45H L S-278 (118.9, 126.18)
DALTON
JASPER
GA 7
C A
HUNTSVILLE
HARTSELLE
LA FAYETTE TRION
DE SOTO PARK
RUSSELL
45H
CULLMAN
BIRMINGHAM
224
ALBERTVILLE
FELTON
CLEVENGER'S
ROME
25 S
CENTRE
GADSDEN
CEDARTOWN
25 S
ROCKMART
GA
ALA.
CARDEN CITY
28
ATLANTA
266
SCALE OF MILES
10 0 10 20 30
OVER
BIRMINGHAM 123 | ATLANTA 125
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
(R): EXTREMELY HAZARDOUS
(U): USABLE WITH CAUTION

KNOXVILLE



● DESIGNATED RADIO FIX
CNON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "R" QUADRANTS.

SCALE OF MILES
10 0 10 20 30

RADIO

SOUTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANDERSON	236(AS)(116.1)	MHTV	(4);116.1
GREENVILLE	281 (GC)(116.1)	BMLZ-DTV; 62°, 1.9	(4); 116.1
Greenville AAB	272 (126.18)+	CA	(3); 126.18
MEMORIAL AIRPORT (Spartanburg)	317 (126.18) (118.7)	C ;58°; 1.6	(4);118.7,126.18,122.5
SPARTANBURG (Memorial Arpt)	248(SU)(116.1)	SBRAZ-DTV	(3);116.1,122.1

TENNESSEE

KNOXVILLE	257 (KX)(116.1)	SBRAZ-DTV	(3); 116.1,122.1
Knoxville Airport	278 (126.18) (118.7)	C(ILS); 192°, 2.8	(4); 118.7, 126.18, 122.5
→ Knoxville Airport			DECOMMISSIONED
PIEDMONT FM	(- -)	FM; 63°, 28	Knoxville
TALLASSEE FM	(- - -)	FM; 192°, 23	Knoxville
TRI-CITY	221 (TI)(116.1)	SBMRAZ-DTV;252°, 3.3	(4), 116.1

VIRGINIA

CHILHOWIE FM	(-)	FM; 65°, 43	Tri City, Tenn.

WEST VIRGINIA

PAYNESVILLE	356 (IR)	H	Operated by P.C.A.(6-23)

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KNOXVILLE	110.3 ·-·	335	44° Mag.	IM-	MM- ·-· (0.61)	OM- -- (4.34)
					MMK-	OMK-

S Simul Range and Voice, W Without Voice. Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers on Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

GEORGIA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Buford)	1.5 S,hwy SW	1070	15 S1	80 oct. Pole line SW.
Crawford W. Long (Jefferson)	2.5 S,RR E	950	27 L1 S1	80 oct. Pole line SE.
Elberton	2 SE,hwy W,N	710	16 S1	80 oct. Obst sur fld.
Gainesville	1.5 S,RR E,NW	1277	40h(L5)S6	80,91 oct.Lgts on req.
(P) Le Tourneau (Toccoa)	2.5 NE,RR S	950	30 L3 S4	80, 91 oct.
★ Winder Int,4,AG-LG	1.5 NE,bet rds	950	30 L3	Trees, bldg N.

KENTUCKY

Jody (London)	2.7 SSE;hwy E	1240	25 L S2	80 oct. Flood lgts.
Middlesboro	1.2 W,hwy S	1150	23 S6	80,91 oct.P-line W.Mtns surround fld.

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) (NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) ASHEVILLE-HENDERSONVILLE (Ashev'l)	11.5 SSE,RR W	2090	40h L5 S4	73, 80, 91, 100 oct.
Black Mountain	1.8 SW,RR N	2270	15 S1	80 oct. Soft.
Byers (Shelby)	3 SE,RR SW	875	16 S4	80 oct.
Francis Marion (Marion)	2.5 NE.RR NE	1450	19 S4	80,91 oct.
Franklin	1.2 ESE,riv W	1996	23 S2	80 oct.
Hendersonville	1.5 ESE,hwy SW	2200	30 S6	80, 91 oct.
Josephson (Asheville)	3 W,riv E	2200	20 S1	Ltd 80 oct. Trees NW,SE.
Morganton	2 NW,riv E	1024	16 S2	80 oct.
Morganton-Lenoir (Morganton)	7.5 NE,hwy W	1253	33 S2	80,91 oct
Rutherford(Spindale)	1.5 SSE,RR N	1012	17 S2	80 oct.
Sylva	2.4 NE,riv SW	2039	25 S2	No fuel.
West Jefferson	2 SSW,RR NNE	3200	16 S2	80 oct.

SOUTH CAROLINA

Anderson	4.5 WSW,hwy S	783	50h R1 L5 S6	80, 91 oct.
Barksdale (Laurens)	2.8 E,RR NE	700	30 L S6	73 oct. Port rnwy lgts.Pole line NE
Bentley (Calhoun Falls)	3 ENE,RR NNW	500	16	
Chesnee (NC)	2 S,RR W	910	18	PRIVATE.
(A) Coronaca AAF(A)	3.8 N,RR E	629	50h	(Greenwood) CLOSED
Fairforest (Spartanburg)	5.8 WNW,rd W	830	23 S6	80 oct.
GREENVILLE	3.2 E,RR SE	1015	42h R1 L5 S6	80 oct.No bndry lgts.
(A) Greenville AAB (A)	7.5 SSE,hwy W	942	55h R1 L5 S6	73,100 oct. No sto.
Greenwood	2.6 W,RR E	650	24 S6	73 oct.
(NP)MEMORIAL (Spartanburg)	2.5 SW,hwy SE	804	44h R2 L5 S6	80, 91 oct, 100 oct. for military. NATS
Paris Mountain (Greenville)	4.2 NNW,RR E	1006	21 S6	80 oct. Pwr line NW.

TENNESSEE

Island (Knoxville)	2.5 E	830	35 S4	80 oct. No sto.
(P) Knoxville Mun.-McGhee-Tyson (Knoxville)	12 SSW,hwy E	988	50h R3 L5 S6	91, 100 oct.
Morristown	5.7 ENE	1400	19 S1	73 oct.
(P) TRI-CITY	11.8 NNW Johnson City	1518	45h R1 L5 S6	80, 91 oct. 10.2 ESE Kingsport.

VIRGINIA

★ Chilhowie Int,29B,NA-WA	3.9 SE,riv N	2100	34 L3 S4	80 oct. Pole lines SW,NE.Riv SW.
Powell Valley (Big Stone Gap)	4 ESE,hwy NW	1700	25 S4	80 oct.Pole line ENE,hills W.
Richlands	2.7 WSW,RR N	1950	20 S2	80 oct.

NEW AIRPORTS

Bristol, (Va.)	3 NE		18 S1	80 oct. Data unverified
H & H Flying Service (Brevard, N.C.)	1.5 ENE;riv S RR N	2140	20 S1	80 oct.P-line WNW
Micaville, (N.C.)	1 S;RR W	2500	21	N,S blocked.
Owens (Asheville, N.C.)	2.3 SSW;RR E	1988	25 S6	80,91 oct.
→ Lakeside (Dandridge,Tenn.)	6.5 E;hwy S	1000	23	
→ Pierce (Kingsport,Tenn.)	3 S;RR NW	1200	22 S6	80 oct.

RADIO

NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BMLZ-DTV;359°, 1.7	(3); 116.1
DOUGLAS ARPT. (Charlotte)	396(126.18, 118.9)	C	(4); 126.18,118.9,122.5
GREENSBORO	365(GW)(116.1)	SERAZ-DTV	(3);116.1,122.1
Greensboro-High Point Airport	219(126.18, 118.7)	C; 241°, 1.5	(4);118.7,126.18,122.5.
POPE (Ft. Bragg) (Army)	338(DOP) (116.1)	SBMRAZ-V ;355°,2.3	(3); 116.1
Pope Field	396(126.18, 116.1)+	CA(ILS);355°, 2.3	(3); 116.1,126.18
RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116.1)	SBRAZ-DTV(ILS) 299°, 3.8	(3);116.1,122.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4); 126.18,118.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	MRLWZ;328°, 5.1	

SOUTH CAROLINA

FLORENCE	239 (FL)(116.1)	SBMRLZ-DTV, 292°,1.7	(4);116.1,122.1

VIRGINIA

DANVILLE	344(VE)	MHW.	
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-DTV, 247°, 2.1	(4); 116.1
ROANOKE (Woodrum Field)	371(ROI)(116.1)	SBRAZ-DTV, 349°,2	(3); 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	C	(4); 122.5,118.5,126.18

NEW RADIO FACILITIES

RALEIGH-DURHAM (Raleigh),N.C.	272 (126.18)	C	3105.6210.3117.5;126.18. 122,5,118,3

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
POPE(A)				DECOMMISSIONED		
RALEIGH,	109.5	333.8	48° Mag.	IM-	MM- ---- (0.62)	OM- -- (4.43)
				MMK-		OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25	Obsts sur fld.
Asheboro	1.8 SSW	864	18 S2	80 oct. Hwy NW.
(A)Balloon (Ft. Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct. No sto, P-line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	930	17 S2	80 oct.
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct. Pole line SSE.
Brooks(Red Springs)	1.2 N,RR SE	208	26	
(P)Burlington	4 SW,hwy W	638	37h L5 S6	80 oct. Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	960	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3.5 E	350	50h	TEMP INACT. NO FACS
Candor (NC)	1.1 E,RR N	710	19	Pole line WNW.
Cannon (Charlotte)	3 WNW,hwy S	788	24 L S6	80,91 oct. Flood lgts req
Carolina Arpk Inc. (Kannapolis)	3.1 SSE,RR W	730	19 S2	No fuel.
Caswell (Yanceyville)	3.2 W; hwy E	640	20 L S2	80 oct. Flare pots prior req.
Cpley (Concord)	2 SW,RR E	790	12 S1	80 oct. Trees ESE.
Colonial Flying Svc. (Mt. Airy)	1.4 NNE,RR S	950	15 S1	80 oct. Pole line, trees NNW.
Concord	4.5 ESE,rd E,S	700	19 S2	80 oct. Pole line NE.

b-hard surfaced runways. R-radio facilities L-lighting facilities S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delta Air Base (Charlotte)	6.7 E,hwy S	750	31 S6	80,91 oct. No sto. Poles NW
(P)DOUGLAS(Charlotte)	5.5 W,RR N	745	52h R2 L5 S3	80,91 oct.
Durham Airways	7.8 N,RR E	480	15 S4	80 oct.
Elkin	2.8 SW,RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW,riv SW	195	30 S1	80 oct. Pwr line S.
Fairchild (Burlington)	1.5 E,RR S	640	35h S4	80 oct. Trees N
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E.
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct. Strips rough. Trees SE.
Gastonia	1.3 SW			ABANDONED
Gastonia, mun.	4.5 SSE,hwy SW	800	30h L S1	80,91 oct. Port. rnwy lgts on req.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No.2 (Silver City)	4.1 SE,RR W	550	22	Pwr line SSE.
(N) GREENSBORO-HIGH POINT	8 WNW,RR SW	905	40h R2 L5 S6	80,91,100 oct. NATS
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW,RR E	530	20 S2	80 oct. Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S4	80 oct.
Kannapolis	2.8 N,RR E	750	23 S6	80 oct. Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	53 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,91 oct. No flood lgts. Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE,RR E	400	19 S4	80 oct. No sto. Pwr line sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct. Pole lines SSW.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct. Pole line NW.
(P)Lumberton	3 WSW	126	50h L2 S6	80,91 oct. Hwy NNW.
McLean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct.
Mayo (Mayodan)	0.8 W,riv E	900	24 S1	80 oct.
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW,hwy S	680	20 S1	80 oct. Trees NW.
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct.
North Wilkesboro	1.3 WSW,riv S	970	15 S4	80 oct.
Parkers (Eagle Spgs)	1.8 NW,RR S	700	40 S1	80 oct.
Pharis (Durham)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW.
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct.
(A)Pope (Ft.Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct
Raleigh	3.3 SSW,RR W	364	28h S6	80,91 oct.
RALEIGH-DURHAM (Raleigh)	10.5 NW,RR W	435	45h R3 L6 S4	80,91,100 oct.
Reidsville	3.2 SE,riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,W. Hwy E.
Roxboro	7 NE,RR W	600	31 S2	80 oct.
Salisbury	3 SW,RR E	764	25 L2 S6	73 oct.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S4	80 oct. No sto. Pwr line S.
(P)SMITH-REYNOLDS (Winston-Salem)	2.8 NNE,RR W	969	67h R2 L5 S6	80,91 oct. Rnwy data unver.
Spindle City (Gastonia)	3.2 E,RR N	795	19 S2	80 oct.
Stanly (Albermarle)	6 WNW,hwy S	720	16 S1	80 oct.
Statesville	4.5 WSW	990	27 S2	80 oct. Trees N. RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel. RR NE.
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
Upchurch(Raeford)	0.5 NNE	255	15 S2	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees N,S.
Whiteville	3.7 S,RR N	60	18 S1	Ltd 80 oct.
Young Airfield (Oxford)	1.8 SW,RR NW	475	18 S1	Ltd 80 oct.

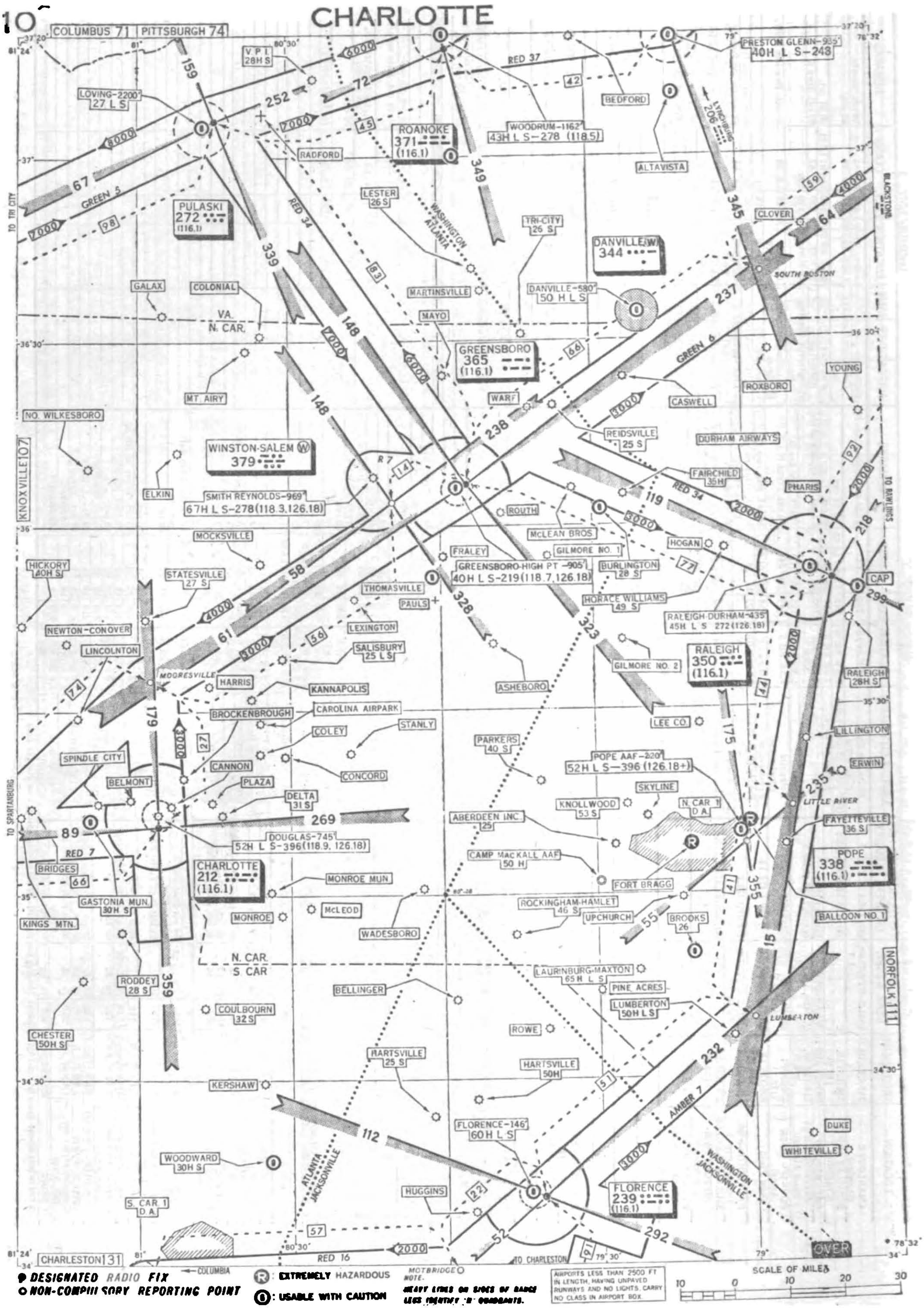
SOUTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Chester	5 NNE,RR W	709	50h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SSW,hwy SW	560	32 S4	80 oct.
Florence	3.5 E,RR SW	146	60h R1 L5 S1	80,91 oct.
Hartsville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE, hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
Little Rock (NC)	2.5 SE,hwy W	135	22	Poles around fld.
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct. No sto. Pole line S, WSW.
Palmer (Bennettsville) (NC)	3.4 NNW, hwy E	155	44	Not maintained as landing field
Roddey (Rock Hill)	2.7 SW,RR NW	664	28 S4	80,91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	190	29 S5	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	30h S4	80 oct.
[redacted]				
Altavista	6.1 NE,RR S	650	18 S1	80 oct. Trees SW.
Bedford	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW, riv E	350	20	Trees E,W,SE,NW, House E,SE.
(P)Danville	3.4 ESE	580	50h L5 S6	80,91 oct.
Galax	6.5 S,hwy E	2575	27 S4	80 oct.
Lester (Martinsville)	0.8 NNW, RR NE	1000	26 S2	80 oct. 20-75' bldgs SE.
Loving, 35A, NAWA (Pulaski)	2.8 N,RR SE	2200	27 R1 L3 S4	80 oct. Poles SW. No sto.
Martinsville	3.5 SSE, RR NE	800	16 S2	73 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R2 L5 S6	80, 91 oct.
V.P.I. (Blacksburg)	1,3 SSE,RR W	2100	28h L1 S6	73,80 oct. Strip rough. 100 oct army.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Rd W.

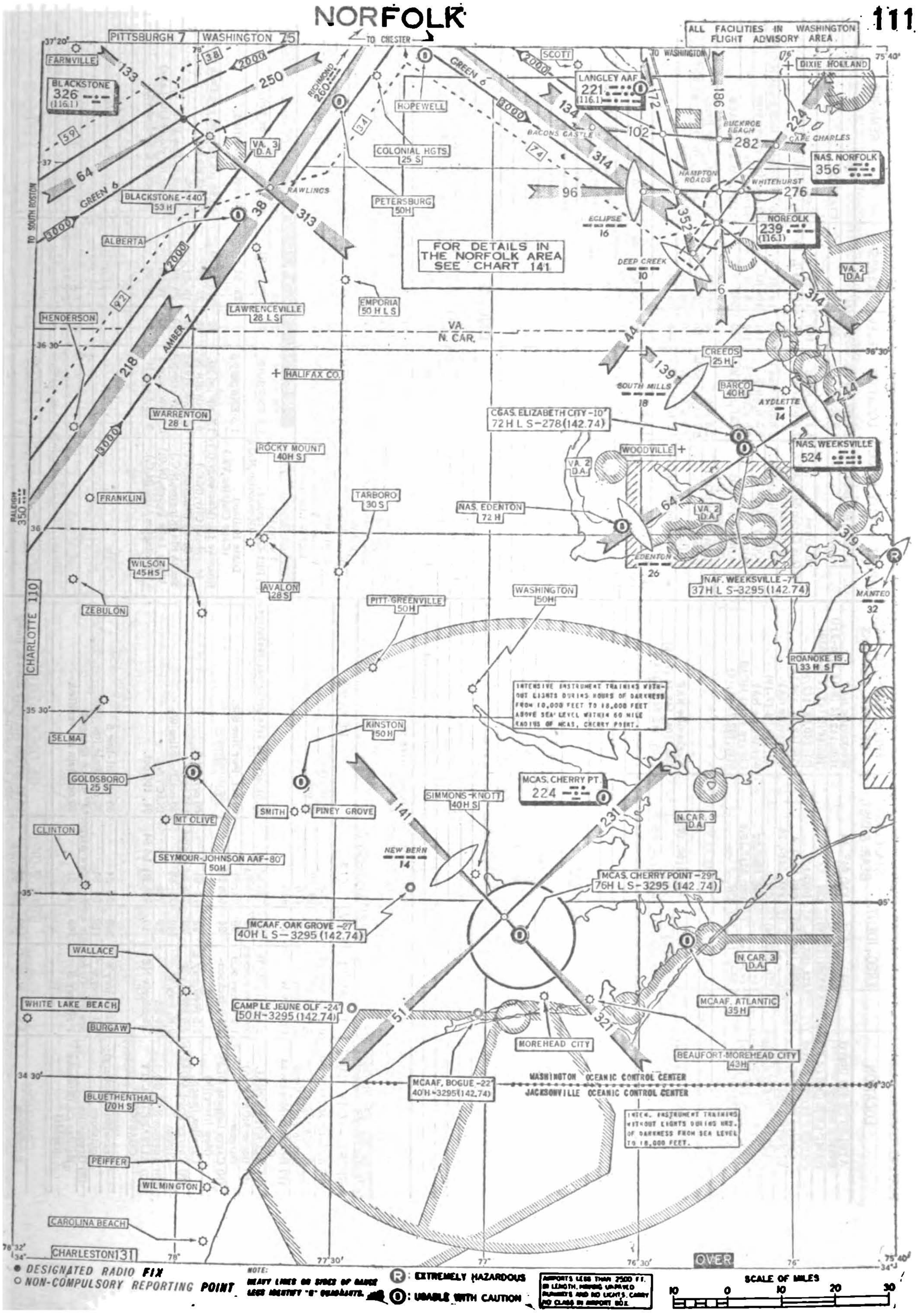
NEW AIRPORTS

Harris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	14 S2	
Mc Leod (Wingate)(N.C)	1.5 SE; RR N	565	22 S4	80 oct. No sto
Pauls Air Park (Thomasville,N.C.)	6 SE		27 S2	80,91 oct. Data unver.
Cap (Raleigh,N.C.)	2.7 NNE; bet R.R.,hwy		36 S6	30,91 oct. High trees S, SW appchs.
Duke Fld (Chadbourn, N.C.)	1 N;RR SW	96	20 S4	80 oct.
→ Radford, (Va.)	2 SW	1900	19 S1	Fuel. Data unver.

CHARLOTTE


COLUMBUS 71 | PITTSBURGH 74
VPI 28H S
LOVING-2200 27 L S
PRESTON GLENN-935 40H L S-248
BEDFORD
WOODRUM-1162 43H L S-278 (118.5)
ROANOKE 371 (116.1)
RADFORD
ALTAVISTA
LYNCHBURG 206
PULASKI 272 (116.1)
LESTER 26 S
WASHINGTON ATLANTA
TRI-CITY 26 S
DANVILLE (W) 344
CLOVER
SOUTH BOSTON
BLACKSTONE
TO TRI CITY
GALAX
COLONIAL
VA.
N. CAR.
MARTINSVILLE
MAYO
DANVILLE-580 50 H L S
GREENSBORO 365 (116.1)
MT. AIRY
WARF
CASWELL
ROXBORO
YOUNG
NO. WILKESBORO
WINSTON-SALEM (W) 379
ELKIN
SMITH REYNOLDS-969 67H L S-278(118.3,126.18)
REIDSVILLE 25 S
DURHAM AIRWAYS
FAIRCHILD 35H
PHARIS
ROUTH
McLEAN BROS
HOGAN
KNOXVILLE 107
MOCKSVILLE
FRALEY
GILMORE NO. 1
GREENSBORO-HIGH PT -905 40H L S-219(118.7,126.18)
BURLINGTON 28 S
HICKORY 40H S
STATESVILLE 27 S
THOMASVILLE
PAULS
HORACE WILLIAMS 49 S
CAP
RALEIGH-DURHAM-435 45H L S 272(126.18)
NEWTON-CONOVER
LEXINGTON
LINCOLNTON
SALISBURY 25 L S
RALEIGH 350 (116.1)
RALEIGH 28H S
MOORESVILLE
HARRIS
KANNAPOLIS
ASHEBORO
GILMORE NO. 2
LILLINGTON
BROCKENBROUGH
CAROLINA AIRPARK
LEE CO.
COLEY
STANLY
PARKERS 40 S
SPINDLE CITY
CANNON
CONCORD
POPE AAF-220 52H L S-396 (126.18+)
ERWIN
BELMONT
PLAZA
DELTA 31 S
SKYLINE
LITTLE RIVER
TO SPARTANBURG
KNOLLWOOD 53 S
N. CAR. 1 D.A.
ABERDEEN INC. 25
FAYETTEVILLE 36 S
DOUGLAS-745 52H L S-396(118.9, 126.18)
CAMP MACKALL AAF 50 H
POPE 338 (116.1)
BRIDGES
CHARLOTTE 212 (116.1)
MONROE MUN.
FORT BRAGG
ROCKINGHAM-HAMLET 46 S
UPCHURCH
BROOKS 26
BALLOON NO. 1
GASTONIA MUN. 30 H S
KINGS MTN.
MONROE
McLEOD
WADESBORO
N. CAR.
S. CAR.
LAURINBURG-MAXTON 65 H L S
PINE ACRES
LUMBERTON 50H L S
RODDEY 28 S
BELLINGER
COULBOURN 32 S
ROWE
CHESTER 50H S
HARTSVILLE 25 S
HARTSVILLE 50H
KERSHAW
FLORENCE-146 60 H L S
WOODWARD 30H S
ATLANTA JACKSONVILLE
HUGGINS
DUKE
WHITEVILLE
WASHINGTON JACKSONVILLE
FLORENCE 239 (116.1)
S. CAR. 1 D.A.
CHARLESTON 131
COLUMBIA
RED 16
TO CHARLESTON
MOTBRIDGE
OVER
NORFOLK 111
TO RAWLINGS
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
NOTE.
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE 'R' QUADRANTS.
AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.
SCALE OF MILES
10 0 10 20 30

NORFOLK


PITTSBURGH 7
WASHINGTON 75
TO CHESTER
ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA
FARMVILLE
BLACKSTONE 326 (116.1)
HOPEWELL
SCOTT
LANGLEY AAF 221 (116.1)
DIXIE HOLLAND
TO WASHINGTON
RICHMOND 260
GREEN 6
BACONS CASTLE
BUCKROE BEACH
CAPE CHARLES
NAS. NORFOLK 356
VA. 3 D.A.
COLONIAL HGTS. 25 S
RAWLINGS
PETERSBURG 50H
HAMPTON ROADS
WHITEHURST
BLACKSTONE -440' 53 H
ECLIPSE 16
NORFOLK 239 (116.1)
ALBERTA
FOR DETAILS IN THE NORFOLK AREA SEE CHART 141
DEEP CREEK 10
VA. 2 D.A.
TO SOUTH BOSTON
LAWRENCEVILLE 28 L S
EMPORIA 50 H L S
HENDERSON
AMBER 7
VA.
N. CAR.
CREEDS 25 H
HALIFAX CO.
SOUTH MILLS 18
BARCO 40H
AYDLETTE 14
CGAS. ELIZABETH CITY -10' 72 H L S-278 (142.74)
WARRENTON 28 L
ROCKY MOUNT 40H S
WOODVILLE
NAS. WEEKSVILLE 524
VA. 2 D.A.
FRANKLIN
TARBORO 30 S
NAS. EDENTON 72 H
RALEIGH 350
WILSON 45 H S
AVALON 28 S
EDENTON 26
NAF. WEEKSVILLE -7' 37 H L S-3295 (142.74)
ZEBULON
PITT-GREENVILLE 50H
WASHINGTON 50H
MANTEO 32
CHARLOTTE 110
ROANOKE IS. 33 H S
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000 FEET TO 18,000 FEET ABOVE SEA LEVEL WITHIN 60 MILE RADIUS OF MCAS, CHERRY POINT.
SELMA
KINSTON 50 H
GOLDSBORO 25 S
MCAS. CHERRY PT. 224
SIMMONS-KNOTT 40 H S
SMITH
PINEY GROVE
MT OLIVE
N. CAR. 3 D.A.
CLINTON
NEW BERN 14
SEYMOUR-JOHNSON AAF-80' 50H
MCAS. CHERRY POINT -29' 76H L S-3295 (142.74)
MCAAF. OAK GROVE -27' 40H L S-3295 (142.74)
WALLACE
N. CAR. 3 D.A.
WHITE LAKE BEACH
CAMP LE JEUNE OLF -24' 50 H-3295 (142.74)
MCAAF. ATLANTIC 35 H
BURGAW
MOREHEAD CITY
BEAUFORT-MOREHEAD CITY 43 H
MCAAF. BOGUE -22' 40 H-3295 (142.74)
WASHINGTON OCEANIC CONTROL CENTER
JACKSONVILLE OCEANIC CONTROL CENTER
BLUETHENTHAL 70 H S
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HRS. OF DARKNESS FROM SEA LEVEL TO 18,000 FEET.
PEIFFER
WILMINGTON
CAROLINA BEACH
CHARLESTON 131
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON EDGE OF CHART LESS RESTRICTIVE "R" BOUNDARIES.
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, MOSTLY UNPAVED RUNWAYS AND NO LIGHTS. CARRY NO CLASS IN AIRPORT BOX.
SCALE OF MILES
10 0 10 20 30

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM; 64°, 14	Weeksville NAF
BOGUE MCAS	3295(142.74)	CN	3105;142.74 (8-16 Mon-Fri)
CAMP LEJEUNE OLF(New Riv.)	3295(142.74)	CN	3105.4495;142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN; 141°, 4	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM; 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
MANTEO FM (Navy)	(- -)	FM; 139°,32	Weeksville NAF
NEW BERN FM (Navy)	(- - - -)	FM; 321°,13.6	Cherry Point MCAS
OAK GROVE MCAAF (Pollocksville)	3295 (142.74)	CN	3105;142.74 (8-18)
SOUTH MILLS FM (Navy)	(- - - -)	FM; 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	524(NFG)	MRL	500,3105; 142.74 (7-19)
Weeksville NAF-LTA	3295 (142.74)	CN; 319°, 0.5	3105; 142.74 (8-1630)

VIRGINIA

BLACKSTONE	326(KT)(116.1)	BMLZ-DTV;133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM; 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM; 276°, 16	Norfolk
LANGLEY FIELD (Army)	221(DLY)(116.1)	SBMRAPZ-DTV;102°,3.8	(3); 116.1
NORFOLK	239 (NW)(116.1)	SBMRLZ-DTV;44°,3.3	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ; 276°,2.9	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h	
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct.Pld lgts prior req.(Wilmington
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h R1	
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jacksonville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS (N)	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct.
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	91, 100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	See Pitt-Greenville under "New Airports"-name changed.			
Halifax Co.(Roanoke Rapids)	3 SW,hwy N	140	25 S1	80 oct.Data not verified.
Henderson	3 S,RR W	490	23 S6	80,91 oct.No sto. Pole lines S. Rnwy data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) (NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
Kinston	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Polloksville) (N)	2.5 NW,riv S	27	40h R1 L S4	91, 100 oct.
Peiffer(Wilmington)	6 ESE,ocean E	10	18 S1	80 oct.Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E.
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	TMP INACT NO FACS
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 S6	80 oct. No sto. Pole line NNE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto.
★ Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	1.8 N,hwy W	38	50h	
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L5 S4	91, 100 oct.
(P) Wilson (N)	4.2 NW,hwy E	161	45h S6	80 oct.
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S1	80 oct.

VIRGINIA

Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5	Rnwy lgts on req.ARMY TEMP INACT;
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC) CIVIL FACS.
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct.
Hopewell	3.3 E,riv N	20	24 S6	80 oct.
Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80 oct.
Petersburg	6.2 WSW,RR N	190	50h	CLOSED
Scott (Williamsburg)	1.3 NNW,RR SW	90	20 S2	80 oct. Pole line SW,WNW.
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29	20-60' trees NE,SW,W. (NC)

NEW AIRPORTS

Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.
(P) Pitt-Greenville, (Greenville,N.C.)	1.8 NNW;RR E	25	50h L3 S1	80,91 oct.Lgts on req.
Dixie Holland (Cape Charles,Va.)	1.5 ENE;hwy S		22 S1	80 oct.Unverified.
Roanoke Isl.(Manteo,N.C.)	1.5 NW;rd NE	12	33h L5 S4	80,91 oct.Lgts on req.Data unver.
Morehead City,(N.C.)	5 WNW;RR N	15	23 S4	80 oct.No sto.
Piney Grove (Kinston,N.C.)	2.1 SSW;riv NE	43	18 S1	80 oct.
Smith Fld (Kinston,N.C.)	3.7 SW;riv N,W	40	26 S4	80 oct.P-line ENE
White Lake Beach,(N.C.)	0.2 NW;lake S	75	18 S4	80 oct.No sto.(White Lake)
Wilmington Arpk (N.C.)	3 SE;hwys N	20	27 S4	80 oct.N & E blocked.

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALICE	224(EZ)	SRAWZ, 72°, 3.6	
BROWNSVILLE (International Arpt)	388(JI)(116.1)	SBRAZ-DTV, 157°, 2.3	(3);116.1
CABANISS NAAS, (Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)
CLIFF MAUS (Corpus Christi)	278(118.3)	C	(4);118.3,126.18,122.5(7-23)
CORPUS CHRISTI (Cliff Maus Field)	382(CR)(116.1)	SBMRLZ-DTV, 138°, 2.9	(3);116.1
Corpus Christi (Navy)	248 (NGP)	MLZ	(3);142.74
Corpus Christi NAS	248 (142.74)	CN(GCA);350°,3.3	(3);142.74
Corpus Christi NAS (Seapl)	2870(142.74)	CN	3105;6210;142.74
→ CUDDIHY NAAS (Corpus Christi)			DECOMMISSIONED
GREGORY FM (Navy)	(-)	FM, 350°, 18	Corpus Christi NAS
INTERNATIONAL ARPT (Brownsville)	278 (126.18, 118.7)	C(ILS-W)	(4);118.7,126.18,122.5 (8-24)
LAREDO	206(LL)(116.1)	SBRAZ-DTV, 137°, 3.1	(4);116.1,122.1
LOS FRESNOS FM	(-)	FM, 354°, 8.9	Brownsville
MERCEDES FM	(- - - -)	FM, 281°, 29.5	Brownsville
PALACIOS	350(UX)	MLWZ, 118°, 1.6	
→ PLEASANTON FM			DECOMMISSIONED
RODD NAAS (Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
INTERNATIONAL	110.3	335	170° Mag.	IM	MM ·-·-(0.66)	OM --(4.34)	
					MMK		OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.

+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — TEXAS

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Alice	3.3 ESE;RR N	177	46h L5 S6	80,91 oct.
(A) Aloe AAF (Victoria)(A)	6 WSW;RR SE	107	57h	CLOSED
(A) " #10 (Victoria)(A)	19.8 WSW	150	40h	CLOSED
Asherton	1 S;RR NE	552	22 S1	80 oct.Poles N;trees sur fld.
★ Austwell Int.5A.CR-HU	2.1 SSW;bay NE	23	32 L2	Fence around fld.
Bay City	2 SSW;RR N	50	21 S6	80 oct.No sto.Pole line E.
Brazosport (Velasco)	1 N;hwy SW	6	24 S1	80 oct.Data not verified.
(N) Cabaniss NAAS (Corpus Christi)(N)	6.2 SSW;RR NE	30	50h R1 L5 S4	91 oct.
(N) Chase NAAS (Beeville)(N)	5.6 ESE;rd N	186	46h	INACTIVE.
Chunadera Ranch Emerg. Strip (Laredo)(NC)	60 NW	630	33 L1	
→ CLIFF MAUS (Corpus Christi)	2.5 SW;RR N	42	45h R2 L5 S6	80,91 oct.No storage. Repairs airlines only.
Commercial (Edinburg)	1 W;RR SE	90	20 S1	73 oct.Pole line NW,NNW.
Community (Sinton)	2 W;RR SE	143	30	
(N) Corpus Christi NAS (N)	9.5 SE	19	58h R2 L5 S6	91,100 oct.NATS.
(N) " OLP #10 (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLP #11 (N)	16 SSW	29	15h	13 SSW Aberdeen.
(N) " OLP #25 (N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLP #41 (N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City	1.8 N;RR W	600	32 S1	80,91 oct.Pole line NE,NW.
Cuddihy (Corpus Christi)	7.8 SW;crk S	39	50h S6	80,91 oct.

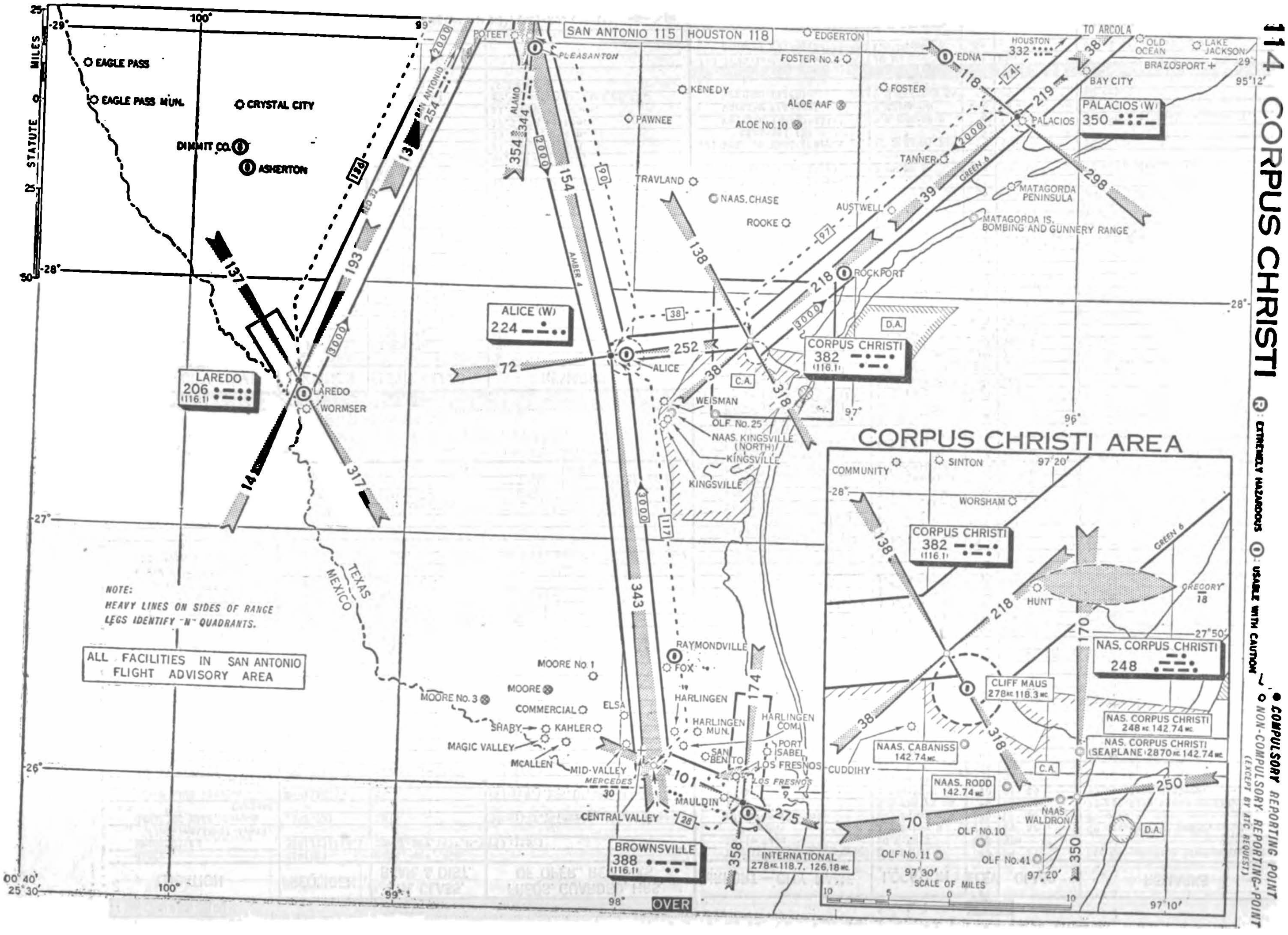
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See map iv) (NC)-Not charted. → NEW OR REVISED DATA

TEXAS

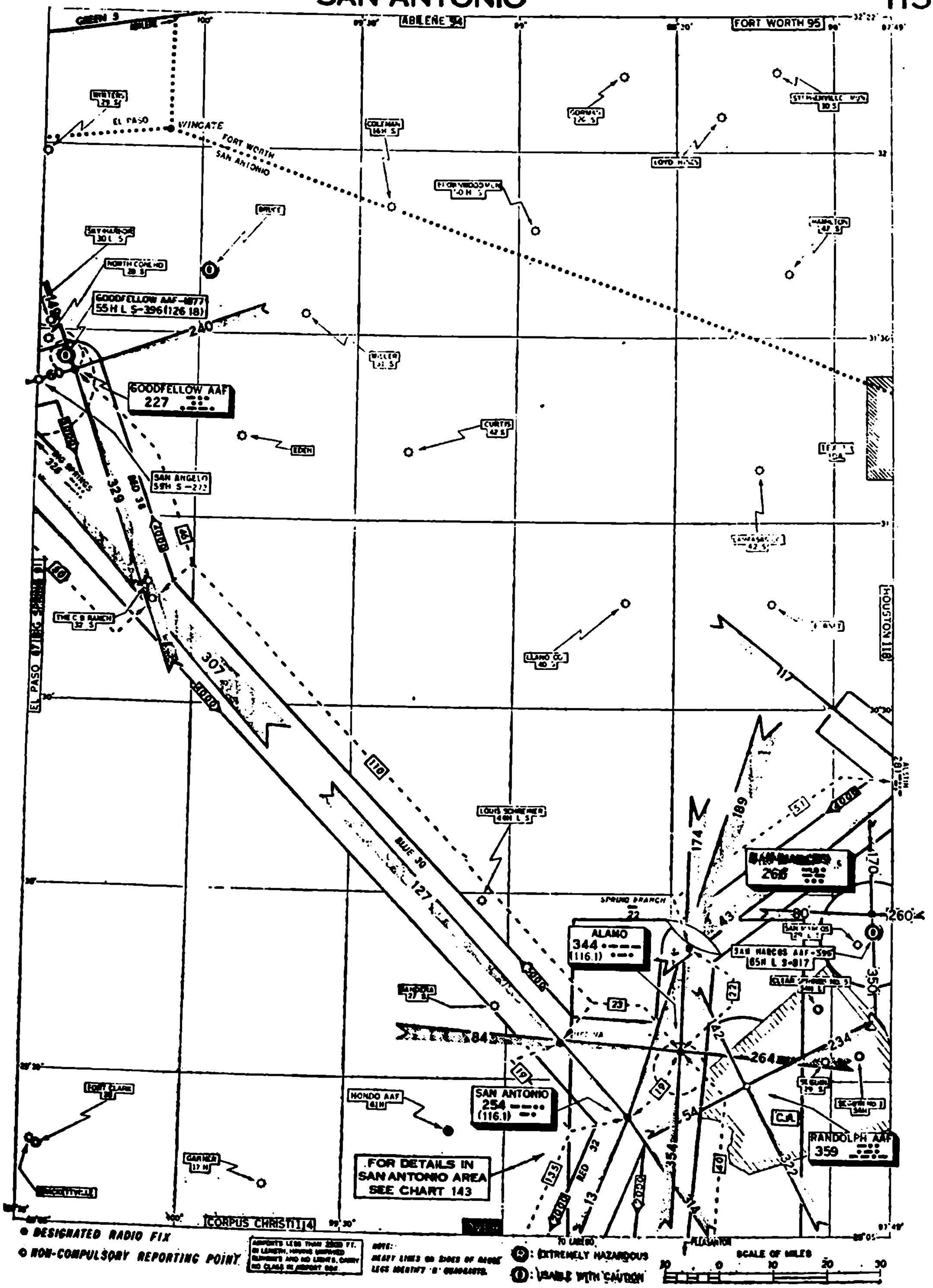
AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dimmit Co.(Carrizo Sprgs)	2.8 E;hwy N	640	25 S1	Ltd 80 oct.Pole line ends strps.
Eagle Pass	10 N;RR N	878	59h	
" mun.	1.3 E;hwy N	774	29 S2	80 oct,ARPT OF ENTRY.
Edgerton (Cuero)	2.9 E;hwy SW.	185	19 S6	80 oct.
Edna	1.5 ENE;RR NW	60	25 S1	73 oct.Live stock on fld.
Elsa	1 SSE;RR N	70	21 S6	73 oct.Crop dusters.
Foster (Victoria)	6.5 NE;RR S	104	52h	
" #4 (Victoria)	12.5 NNW	186	56h	
Fox (Raymondville)	1 WSW;RR S	40	26 S2	73,80 oct.Poles W,SE.
Freer (NC)	3.8 NNW;hwy E	375	28	Trees sur fld.
Harlingen, com.	1.8 SSW;hwy E	41	18 S1	73 oct.
Harlingen	5 NW;RR SW	40	13	Pole line S.
" mun.	3.5 NE;rd S	35	60h L5 S4	80,91 oct.Lgts prior req.
Hunt (Portland)	2 WNW;RR ESE	35	16 S5	80 oct.
Indianola (Magnolia Beach)	2 SW;hwy N	17	34	PRIVATE.
(P) INTERNATIONAL (Brownsville)	4.5 E;hwy N	22	59h R3 L6 S6	73-100 oct,ARPT OF ENTRY. 100 oct army.
Kahler (Alamo)	4 NNE;RR W	90	20 S1	73 oct.Poles sur fld.
Kenedy	1.4 ESE;RR N	270	19 S2	80 oct.
★ Kingsville Int.11,JI-FV	3.5 S;RR W	58	26 L3	
(N) " NAAS (North) (N)	3.5 ESE;hwy NW	47	61h	INACTIVE.
Kingsville (South)	3.5 SE;hwy W,N	51	61h S4	80,91 oct.
Lake Jackson (Freeport)	9.5 NW;hwy E	20	26	Cattle on fld.Trees SW.
Lake Mathis (Mathis)(NC)	5 WSW;RR SE	161	20	
La Laja (Dolores)(NC)	1.5 NNE;riv SW	475	18	PRIVATE.15-20' brush W,S.
LAREDO	3.5 NE;hwy NNE	512	66h R1 L5 S5	80,91 oct.Lgts on req.
Los Fresnos	0.8 SSE;RR W	35	24 S1	73,80 oct.Pole line W.
McAllen	1.6 SSW;hwy N	115	29 S6	73,80 oct.Poles E,NE.
Magic Valley (Mission)	1.5 SSW;lake W	135	21 S6	73 oct.No sto.Poles E.
(A) Matagorda Island (A)		7	40h	9 SSW Port O'Conner.TMP INACT NO PACS.
Matagorda-Peninsula (Matagorda)	6.5 E Port O' Conner	5	40h	
Mauldin (Brownsville)	4.4 NNW;RR W	22	35 S6	80,91 oct.Poles W.
Mid-Valley (Weslaco)	1.7 NE;RR W	70	25 S1	80 oct.Pole line NW,SW.
(A) Moore (Mission) (A)	12 N;RR E	219	50h	CLOSED
" #1 (Mission)	10 N Edinburg	80	40h	
(A) " #3 (Mission)(A)	5 N LaGrulla	300	30h	CLOSED
Old Ocean	1 ENE;hwy N	60	35 S1	80 oct.Cattle on fld.
Palacios	2.7 WNW	13	50h S1	80 oct.
★ Pawnee Int,22,JI-FV	5 WNW;RR W	368	30 L3	
→ Poteet	0.6 SW;RR E	440	13 S2	73 oct.
★ Raymondville Int,5,JI-FV	3.5 NNE;RR W	34	29 L3	
(P) Rockport	4.3 N;bay W	22	45h	
(N) Rodd NAAS (Corpus Christi)(N)	9.8 S;RR NE	20	51h R1 L5 S4	91 oct.No storage.
Rooke (Refugio)	3.2 WSW;RR E	46	30 S1	73 oct.Cattle on fld.Twr NW.
San Benito,2,JI-FV	1.5 E;RR SW	31	26 L3 S6	73,80 oct.
Shary (Mission)	1 NW;RR E	145	30 S4	73,80 oct.
Sinton	1.3 E;RR NW	27	48 S6	80,91 oct.No storage.
→ Stockton (Falfurrias)	2 NW;RR E			ABANDONED
Tanner Sea & Land Plane Base (Port Lavaca)	3 S;hwy S	12	22 S1	80 oct.Pwr line sur fld.
Travland (Beeville)	2 NW;RR E	225	19 S2	80 oct.Poles E.
(N) Waldron NAAS (Corpus Christi) (N)	12 SSE;hwy NNE	25	50h	INACTIVE.
Weisman (Kingsville)	2.5 NNE;RR S	60	19 S4	Ltd 80 oct.Poleline S,SW,SE.
Wormser (Laredo)	4 SE;hwy W	440	26	
Worsham (Taft)	0.8 ENE;hwy SW	54	25 S6	80 oct.

NEW AIRPORTS

(P) Port Isabel, (Tex.)	10 NW	12	48h	
Central Valley(Mercedes)	1.5 NE;hwy S	62	31h S6	80,91 oct. Data unver.



● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
(R) EXTREMELY HAZARDOUS
~ USABLE WITH CAUTION


ABILENE 94
FORT WORTH 95
EL PASO
WINGATE
FORT WORTH
SAN ANTONIO
COLEMAN 16H S
BRECKENRIDGE 10H S
LOYD HILLS
HAMILTON 47 S
SAN ANGELO 30 L S
NORTH CORPUS CHRISTI 28 S
GOODFELLOW AAF-8877
55H L S-396(126 18)
GOODFELLOW AAF
227
SAN ANGELO 55H S-272
329
277
THE C B RANCH
307
110
127
BLUE 30
EL PASO INTERNATIONAL
HOUSTON 118
LOUIS SCHMIDT 48H L S
CURTIS 42 S
EDEN
LAREDO
ALAMO
344
(116.1)
SAN ANTONIO
254
(116.1)
HONDO AAF
61H
FOR DETAILS IN SAN ANTONIO AREA SEE CHART 143
CORPUS CHRISTI 114
SPOONE BRANCH
SAN MARCOS AAF-396
65H L S-817
RANDOLPH AAF
359
PLEASANTON
TO LAREDO
CORPUS CHRISTI
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF AIRWAY LEGS INDICATE 'B' CLEARANCE.
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES
30 0 10 20 30

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMO (San Antonio)	344(JR)(116.1)	MLZ-DTV;174°,2.7	(3); 116.1
GOODFELLOW (San Angelo)(Army)	227 (DIP)	BMRLZ	(3)
Goodfellow Field	396(126.18)+	CA;329°,2.5	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
SAN ANGELO ARPT.	272	CI	(4);(12 noon-1 hr.after sunset)
SAN ANTONIO(Kelly)	254(ZN)(116.1)	SBRAZ-DV,107°,1.8	(4); 116.1
SAN MARCOS(Army)	266 (DMS)	MRLZ	V 6-18 Mon.thru Fri.)
San Marcos AAF	317	CA; 170°, 4.2	(3) 266 (days only)
SPRING BRANCH FM	(-)	FM, 354°, 21.6	Alamo

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM–	MM–	OM–
					MMK-	OMK-
				IM-	MM–	OM–
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bandera	3 SE;hwy NNE	1125	27 S6	80 oct. Trees E.
Brackettville	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Brownwood Mun.	6.3 NNE;RR S	1386	50h L5 S4	80, 91 oct. Ctc lgts on req.
Bruce (Ballinger)	4.5 SSW;hwy NW	1731	23h S6	80 oct. Usable strip 7460'.
Burnet	2 NE;RR W	1325	21 S1	80 oct. Pole line SW.
C-B Ranch (Fort McKavett)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld.
(A) Clear Springs #5 (New Braunfels)(A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Coleman	1.7 NE;RR S	1685	16h S6	80,91 oct. Use rnwys only.
Comanche (NC)	1.7 NNW;hwy SW	1500	14	
Curtis (Brady)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Eden	1 NW;hwy E	2050	15 S1	73 oct. Trees NE,SW.
(A) Fort Clark (Brackettville) (A)	1.5 SW;rd E	1105	30	
Garner (Uvalde)	2.7 E;hwy N	930	17h S1	80 oct.
(A) Goodfellow (San Angelo)(A)	3 SE;rds N,W	1877	55h R2 L5 S6	73,91,100 oct. JP-1.
Gorman	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
Hamilton	2.3 SSW;hwy E	1250	47 S6	80 oct. Fence sur fld.
(A) Hondo AAF (A)	2.1 NW;RR S	929	61h	CLOSED
Lampasas Co. (Lampasas)	6 NW;RR S	1480	42 S2	80 oct.
Llano County (Llano)	2.4 NNE;riv NE	1029	40 S1	73 oct.
(P) Louis Schreiner (Kerrville)	3.9 SE;RR SW	1590	44h L5 S6	80 oct.
Loyd Hines (Dublin)	1.3 NW;RR SW	1260	18 S1	73 oct. Poles NW,SW,SE.
Mason County (NC)	3.2 ESE;hwy N	1500	44	(Mason)
Miller (Leaday)	1 S; riv W	1525	31 S6	73 oct. No sto.
North Concho (San Angelo)	1.7 WNW;RR E	1850	28 S4	80 oct. Poles sur. fld.
Riomedina (Castroville) (NC)	4.5 N;riv W	855	45	
(P) SAN ANGELO	8.5 SSW;rd NW	1915	59h R1 L5 S6	80, 91 oct.
(A) San Marcos AAF (A)	5 E;riv W	596	65h R2 L5	
★ San Marcos Int, 31B, JI-FV	2 SE;hwy N	577	29 L3 S6	73,80 oct. Pole line NE.
Schneider (Seguin) (NC)	2.2 WNW;RR N	520	23	Pole line N.
Seguin	3.3 WSW;riv E	400	29 S1	73,80 oct. Pole line NW.
(A) Seguin #1 (A)	3 E;rd N	530	54h	
Sherrill (Rock Springs) (NC)	4 W;hwy S	2400	21	Cattle on fld.
Sky Harbor (San Angelo)	4.6 NNW;RR SW	1840	30 L3 S4	80,91 oct. After 2100 lgts on req. Pole line W,NW.
Stephenville	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts.
White (Brady) (NC)	10 W;RR N	1550	73	
Winters	2 NW;RR E	1860	29 S1	73 oct.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). ➔ NEW OR REVISED DATA

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCOLA FM	(- - -)	FM, 219°, 15	Houston
AUSTIN (Robert Mueller Arpt)	281(XN)(116.1)	SBMRLZ-DTV,117°, 1.8	(3);116.1,122.1
BERGSTROM(Austin)	396(126.18)+	CA	(4); 126.18
ELLINGTON(Houston)	219+	CA	4495.126.18(Reserve flying only)
HOUSTON (NC)	332(HU)(116.1)	SBRAZ-DTV	(3); 116.1
→ Houston Airport	278(126,18,118.5)	AC(ILS):309°,2.2	(4):118.5,126.18,122.5
HOUSTON LFM	(- - - -)	LFM,309°,5.5	Houston
NAVASOTA(Int.)	212(NT)	MRLW ;180°,1.4	
RICHMOND	391 (UT)	MRLW	
ROBERT MUELLER ARPT. (Austin)	272(118.7)	C	(4);118.7,126.18,122.5 (7-23)
WACO (Mun.)	385(WC)(116.1,111.1)	SBRAZ-DTV;9°,2.6	(4);116.1,122.1
WEBSTER FM	(- -)	FM, 129°, 9.3	Houston
YOAKUM (Int.)	236 (YK)	HW;352°,2.8	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ HOUSTON	109.9 ····		35°	IM-	MM- ·-·-(0.66)	OM- --(4.78)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

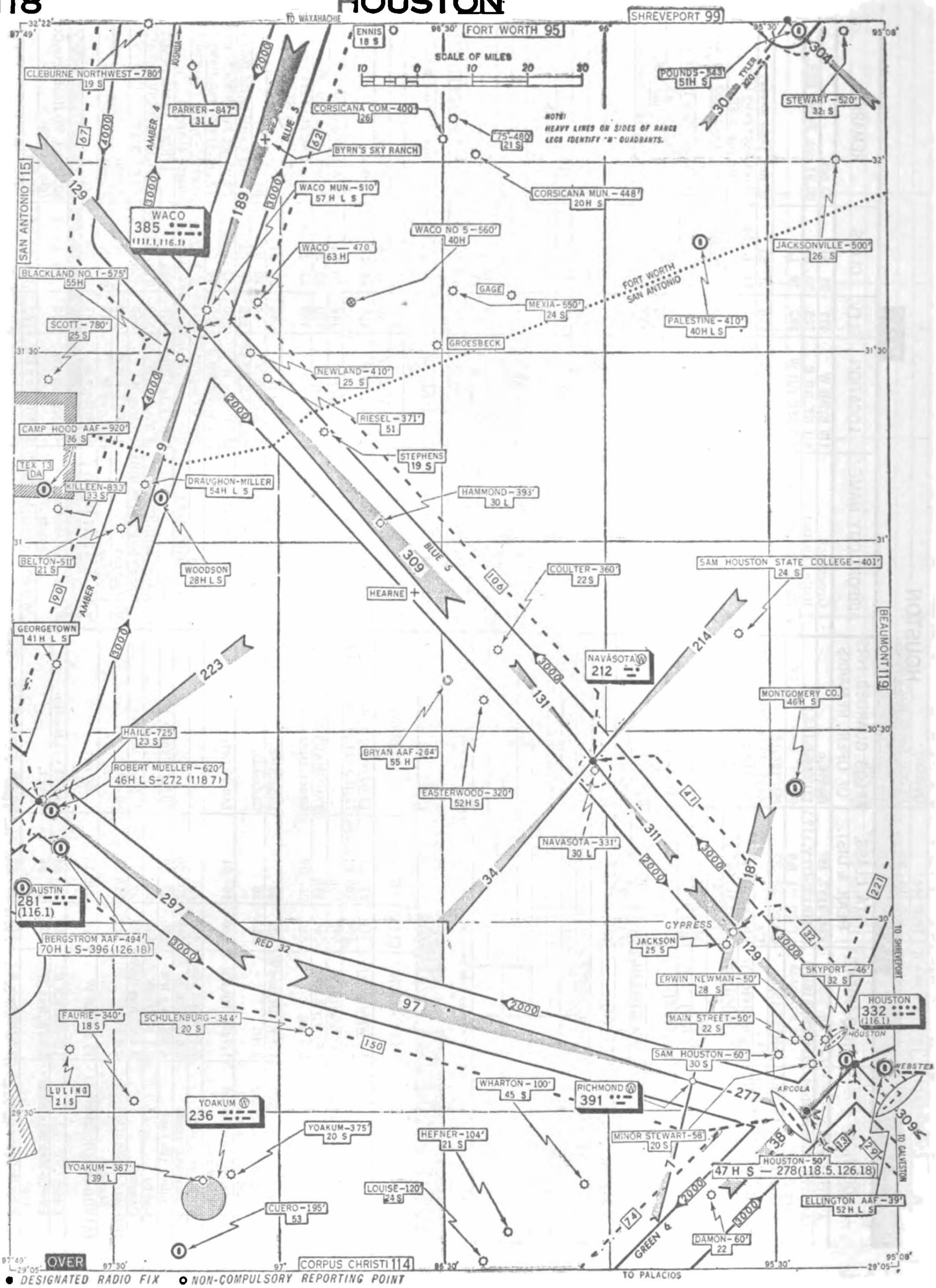
AIRPORTS — TEXAS

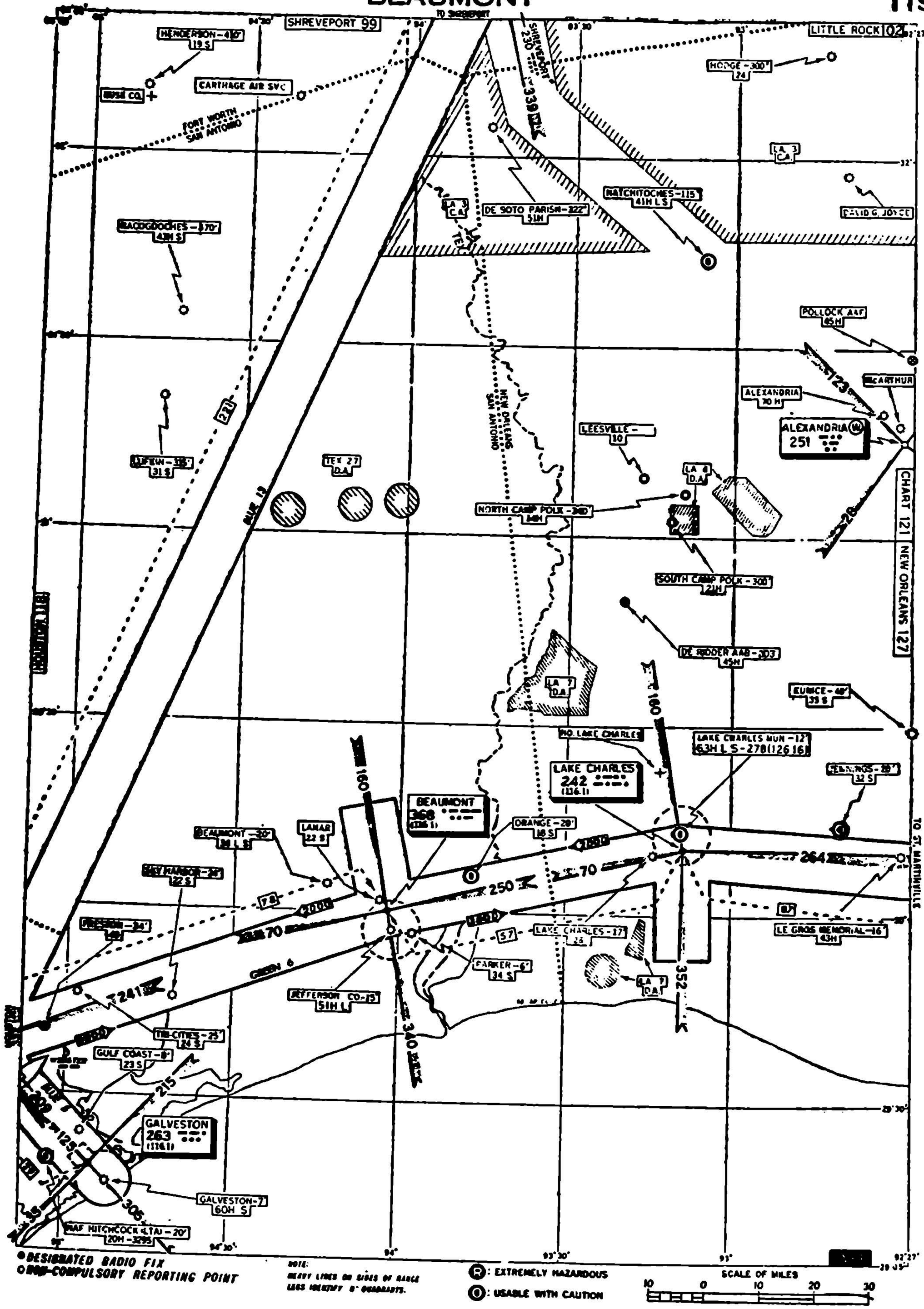
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Belton	1.6 WSW;hwy N	511	21 S1	73,80 oct. No sto.
(A) Bergstrom (Austin)(A)	7 SE	494	70h R1 L5 S6	73,100 oct.No sto.Pole NE, NW.
Blackland #1 (Waco)	11 WSW;RR S	575	55h	
(A) Bryan AAF (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Byrn's Sky Ranch (Hillsboro)	5.8 NE	820	25 S6	80 oct. Data unverified.
Cameron Arpk (NC)	1.7 N;RR,hwy W	402	29	Bldg NNE.
(A) Camp Hood Landing Field (Killeen)(A)	2 NE	920	36	CLOSED.
Cleburne Northwest (Cleburne)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Corsicana, com.	2.8 SW;bet rds	400	26	
Corsicana, mun.	5.6 SE;RR E	448	20h S6	
Coulter (Bryan)	4 NE;hwy NW	360	22 S6	80 oct,5' fence SW
Cuero	3.1 N;RR SE	195	53	
Damon	3 ESE;hwy WSW	60	22	4' fence sur fld.
(P) Easterwood (College Station)	2.8 SW	320	52h S6	80 oct.
(A) Ellington(Houston)(A)	15 SE;RR W	39	52h L5 S1	100 oct.
Ennis	1.5 NW;RR E	540	18 S4	Ltd 73 oct.No sto.
Erwin-Newman(Houston)	5 SSW;hwy N	50	28 S6	80 oct.
Faurie (Gonzales)	2 NNE;hwy E	340	18 S2	80 oct. Trees N,S.
Gage (Teague)	1.7 N		22 S4	80 oct. Pwr line W.Data unver.
Georgetown	3.3 N;hwy E	789	41h L5 S4	80,91 oct.

AIRPORTS — TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Groesbeck	1.5 E;RR W	477	21 S1	73 oct.
Haile (Austin)	4.1 NE;RR E	725	23 S6	80,91 oct. Poles ESE.
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	
Hearne	Adj E;RR E,NE	350	21 S1	80 oct. Data unver.
Hefner (El Campo)	1.5 WSW;RR SE	104	21 L S2	80 oct.Port rnwy lgts. Pole line S,SE.
(N) HOUSTON	9 SSE;hwy W	50	47h R3 L6 S6	73,80,91 oct; 100 oct army NATS
Jackson(Cypress)	4 SE;hwy S	145	25 S6	80 oct.
Jacksonville	3 N;RR E	500	26 S6	73,80 oct. Pole line ENE.
Killeen	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
Louise	1.6 E;RR W	120	24 S1	Ltd 80 oct.P-line N,S.
Luling	1.1 SE;hwy NE	418	21 S1	80 oct.Polelines sur fld.
Madisonville Emergency (NC)	0.8 NW;hwy E	400	18	
Main Street (Houston)	6.5 SW;hwy SE	50	22 S6	80 oct.
Mexia	1 SE;RR NW	550	24 S2	80 oct.
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct.
(P) Montgomery Co.Arpk. (Conroe)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct.No flood lgts rnwy lgts prior req.
* Navasota Int,10,GS-WC	2.5 ENE;RR NNW	331	30 L3	
Newland (Waco)	4.5 SSE;RR NE	410	25 S6	80,91 oct.
(P) Palestine	4.5 WNW;hwy N	410	40h L5 S6	80,91 oct.
* Parker Int,48,JI-FV	0.6 N;hwy W	847	31 L3	
(P) POUNDS (Tyler)	5.5 W;hwy N	543	51h R1 L5 S1	80,91 oct.Ctc lgts prior req
Riesel (Waco)	10.5 SE	371	51	
ROBERT MUELLER (Austin)	3.5 NE;RR SW	620	46h R2 L5 S6	80,91 oct; 100 oct Army.
St.Edwards(Austin)(NC)	3.5 S	700	22	
Sam Houston(Houston)	10.5 SW;RR S	60	30 S6	73,80 oct.
Sam Houston State College (Huntsville)	2.5 NW;RR E	401	24 S2	80 oct.
Schulenburg	2.2 N;hwy W	344	20 S4	73 oct. Pole line W.
Scott (Gatesville)	1.8 E;hwy N	780	25 S1	80 oct. Pole line NW.
Seventy-Five(Corsicana)	1.8 N;RR W	480	21 L S6	73 oct.No sto.Port rnwy lgts. Poles NW.
Skyport (Houston)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston)	6 ENE;RR N	60	30 S4	80 oct.
Stephens (Marlin)	2 ESE;RR N,SSW	318	19 S2	80 oct.Cattle on fld.Pole W
→ Stewart (Tyler)	2.5 E;hwy N	520	32 L S6	80,91 oct.Poles W.Ctc lgts prior req.Rnwy data unver.
Taylor	2.2 WNW;RR S	520	24 S4	73 oct.
Temple	See Draughon-Miller under "New Airports"- name changed			
Temple,40,JI-FV	See Woodson under "New Airports"- name changed			
Waco	7 NNE;bet RRs	470	63h	ARMY TEMP INACT.
(A) WACO MUNICIPAL	6 NW;lake S	510	57h R1 L5 S6	80,91,100 oct.CIVIL FACS.
(A) Waco #5 (Prairie Hill)	2 S;hwy N	560	40h	(A) CLOSED
(P) Wharton	1.8 ENE;RR N	100	45 S2	80 oct.
Yoakum	4 N;hwy W	375	20 S6	80 oct.
★ Yoakum Int,7,JR-HU	5 NW;hwy S	387	39 L3	
NEW AIRPORTS				
(P) Draughon-Miller (Temple,Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct. No flood lgts,Ctc lgts on req.
Woodson,(Temple,Tex.)	2 NNW;hwy SW	763	28h L3 S4	80 oct.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page iv) NC (not charted) → NEW OR REVISED DATA


TO WAXAHACHIE
SHREVEPORT 99
FORT WORTH 95
ENNIS 18 S
SCALE OF MILES
10 0 10 20 30
NOTE! HEAVY LINES OR SIDES OF RANGE LEGS IDENTIFY "A" QUADRANTS.
CLEBURNE NORTHWEST – 780' 19 S
PARKER – 847' 31 L
CORSICANA COM. – 400' 26
75 – 480' 21 S
BYRN'S SKY RANCH
POUNDS – 543' 51H S
STEWART – 520' 32 S
JACKSONVILLE – 500' 26 S
WACO 385 (111.1, 116.1)
WACO MUN. – 510' 57 H L S
CORSICANA MUN. – 448' 20H S
WACO NO 5 – 560' 40H
WACO – 470' 63 H
SAN ANTONIO 115
BLACKLAND NO. 1 – 575' 55H
GAGE
MEXIA – 550' 24 S
FORT WORTH SAN ANTONIO
PALESTINE – 410' 40H L S
SCOTT – 780' 25 S
GROESBECK
NEWLAND – 410' 25 S
CAMP HOOD AAF – 920' 36 S
RIESEL – 371' 51
STEPHENS 19 S
TEX 13 DA
KILLEEN – 833' 33 S
DRAUGHON-MILLER 54H L S
HAMMOND – 393' 30 L
BELTON – 511' 21 S
WOODSON 28H L S
SAM HOUSTON STATE COLLEGE – 401' 24 S
COULTER – 360' 22 S
HEARNE
GEORGETOWN 41 H L S
NAVASOTA 212
MONTGOMERY CO. 46H S
BEAUMONT 119
HAILE – 725' 23 S
BRYAN AAF – 264' 55 H
ROBERT MUELLER – 620' 46H L S – 272 (118.7)
EASTERWOOD – 320' 52H S
NAVASOTA – 331' 30 L
AUSTIN 281 (116.1)
BERGSTROM AAF – 494' 70H L S – 396 (126.18)
CYPRESS
JACKSON 25 S
SKYPORT – 46' 32 S
ERWIN NEWMAN – 50' 28 S
HOUSTON 332 (116.1)
MAIN STREET – 50' 22 S
SAM HOUSTON – 60' 30 S
FAURIE – 340' 18 S
SCHULENBURG – 344' 20 S
LULING 21 S
WHARTON – 100' 45 S
RICHMOND 391
YOAKUM 236
YOAKUM – 375' 20 S
HEFNER – 104' 21 S
MINOR STEWART – 58' 20 S
HOUSTON – 50' 47 H S – 278 (118.5, 126.18)
YOAKUM – 387' 39 L
LOUISE – 120' 24 S
CUERO – 195' 53
ELLINGTON AAF – 39' 52 H L S
DAMON – 60' 22
TO SHREVEPORT
TO GALVESTON
TO PALACIOS
OVER
CORPUS CHRISTI 114
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF AIRWAY LEGS INDICATE 8° BOUNDARIES.

(R): EXTREMELY HAZARDOUS
(O): USABLE WITH CAUTION

RADIO — LOUISIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	251 (DAI)	SMRAWZ,310°,5.7	
LAKE CHARLES	242(LC)(116.1)	SBRAZ-DTV	(4); 116.1
Lake Charles AAF	278 (126.18)	CA; 340°, 2.5	(4)
TEXAS			
BEAUMONT (Jefferson County)	368(JU)(116.1)	BMRLZ-DTV,160°, 3.7	(4); 116.1
GALVESTON	263(GS)(116.1)	SBMRLZ-DTV, 125°,4.2	(4); 116.1
HITCHCOCK NAF-LTA	3295	CN	3105,6390 (days)
WEBSTER FM	(- -)	FM, 129°, 9.3	Houston

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker (3) 3105, 4495, 6210 kcs; (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

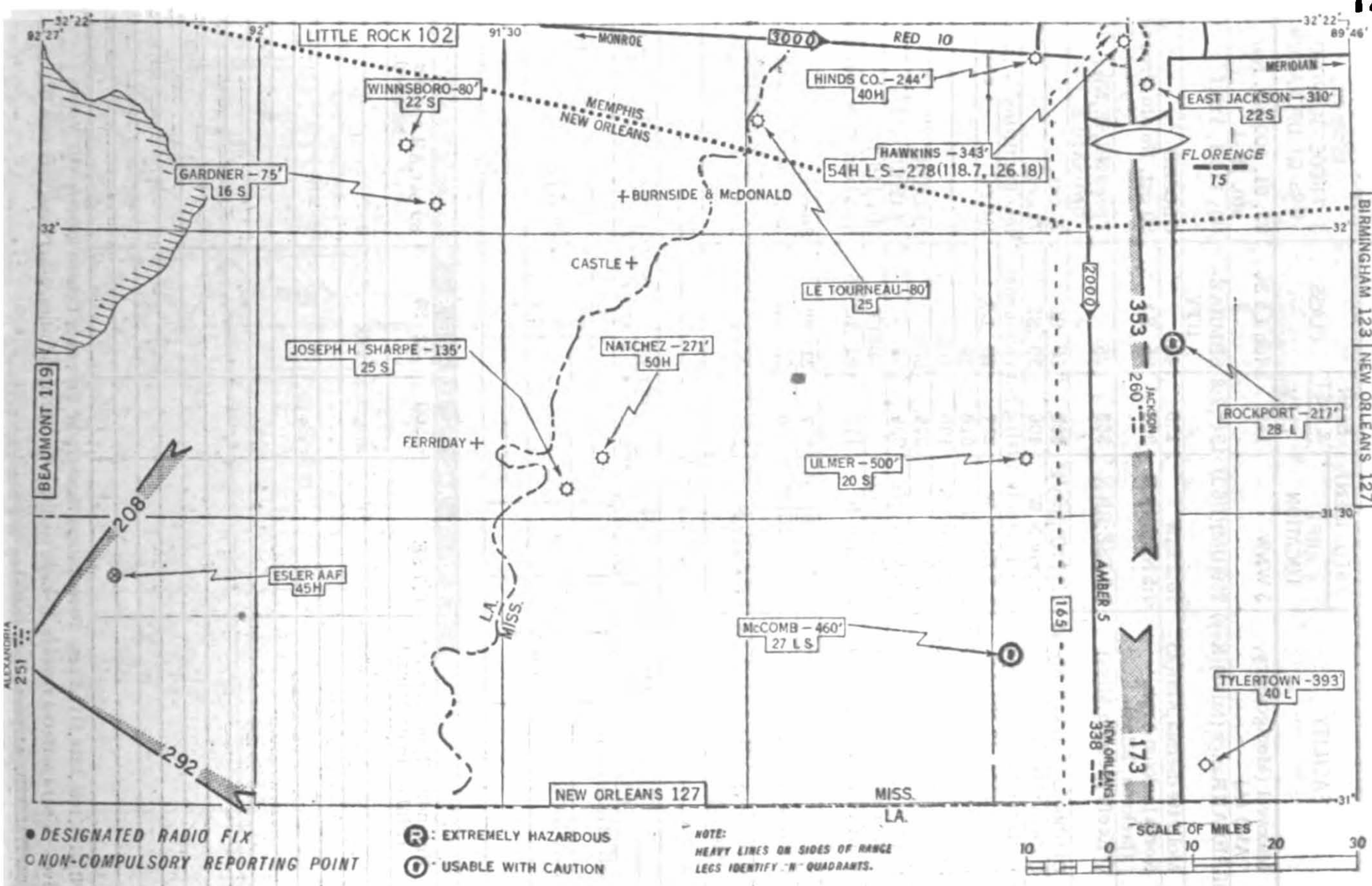
AIRPORTS — LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ALEXANDRIA	5.5 W;riv 2 N	88	70h L5 S1	80,91 oct.
De Quincy (NC)	1.5 SW;RR NW	78	24	Cattle on fld.Trees N,E.
(P) De Ridder	3.5 WSW;RR S	203	45h	
(P) De Soto Parish (Mansfield)	4.3 NW;hwy S	322	51h	
Hart (Many) (NC)	1.8 SSW;RR E	242	24	Trees NNE.
Hodge	0.5 ENE;hwy NW	300	24	Cattle on fld.
Jennings	1.4 NNW;RR SW	20	32 S2	80,91 oct. Pole line E.
Lake Charles	5.2 SSW;hwy N	17	26 S6	80 oct. Pole line N.Rnwy data unver.
(A) LAKE CHARLES mun.	4 ESE;RR NE	17	63h R2 L5 S6	80,91 oct;73,100 oct,JP-1 Army.
(A) Leesville Landing Strip (A)	2 NW		10	L-type acft.
(P) Le Gros Memorial (Crowley)	6.5 WSW;RR N	16	43h L5	Ctc lgts prior req.
McArthur (Alexandria)	2.8 W;hwy E,N	86	12 S1	Ltd 80 oct. Trees N,S.
(P) Natchitoches	1.5 SSW;RR E	115	41h L5 S6	80 oct.,ltd 90 oct. Ctc lgts prior req.No bcn.
(A) North Camp Polk Landing Strip (Camp Polk) (A)	6 NE	340	14h	
North Lake Charles (Lake Charles)	10 N;hwy NE		50 S4	80,91 oct. No sto.Data unver.
Oakdale (NC)	3 W;hwy N	123	27	Trees WSW,ENE.

LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Pollock AAF (A)	4.5 SW	211	45h	CLOSED
(A) South Camp Polk Landing Strip (Camp Polk) (A)	Adj E	300	21h	
TEXAS				
Angelina Co.(Lufkin) (NC)	7.5 SSW;RR W	288	42	Cattle on fld.
Beaumont	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior request.
Carthage	2 E;hwy N	320	18 S1	Ltd 80 oct.
Carthage Air Service	1.3 W;hwy N,S	310	30 S2	80,91 oct. Pole line N. Trees E,W.
GALVESTON	3.5 WSW;gulf S	7	60h R1 S6	80,91 oct.
Gulf Coast (Texas City)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct.No sto.Pole line N.
Henderson	2.1 WNW;hwy S	410	19 S2	73 oct.
(N) Hitchcock NAF (LTA) (N)	2.3 SW;RR ENE	20	20h R1	
Humphrey (Goose Creek)(NC)	4 NNE;RR E	34	24	Pole line NW,W.
(P) Jefferson Co.(Beaumont)	9.8 SSE;hwy NE	15	51h R1 L5	
Lamar (Beaumont)	4 SE;riv NE	17	22 S4	80 oct.No sto.Pole line N, S.
Lufkin	2 NW;hwy N	315	31 L1 S6	73,80 oct.
(P) Nacogdoches	4 WSW;hwy E	370	43h S5	80,91 oct.
Orange	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur)	4 NW;RR NE	6	34 S6	80 oct.
(A) Preston (Houston) (A)	2.5 WNW of La Porte	34	40	CLOSED
Richter (Kirbyville) (NC)	1.5 S;RR E	175	16	
Sky Harbor (Anahuac)	0.3 S;hwy N	24	22 S1	80 oct.
Tri-Cities (Goose Creek)	2.6 N;RR E	25	24 S2	80 oct. Pole line SE.
NEW AIRPORTS				
David G. Joyce (Winnfield,La.)	3 NW;hwy E	130	16 S1	80 oct. Trees N.
(P) Rusk Co. (Henderson,Tex.)	2.5 WSW;hwy N	440	30h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). ➔ NEW OR REVISED DATA.



• DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Burnside & McDonald (Newellton, La)	1 WSW	77	50	Data unver
Castle (St. Joseph, La)	2 N	75	20 S4	80 oct.No sto.Data unver.
East Jackson (Jackson,Miss)	3.1 SSE;hwy NW	310	22 S6	80 oct.Trees N
Esler (Alexandria, La)	11 NE;Bayou S	92	45h	CLOSED.
Ferriday (La)	1 N	55	18	Data unver.
Gardner (Gilbert, La)	1 E;hwy S	75	16 S1	Ltd 73 oct.
→ HAWKINS Tower (Miss)	278 (126.18, 118.7)		C (ILS)	(4); 126.18,118 7,122.5
(A,N) [Hawkins] (Jackson,Miss)	3 NW;RR SW	343	54h L6 S6	80,91,100 oct.Tank,stack E
Hinds County (Jackson, Miss)	12.8 W	244	40h	
Joseph H. Sharpe (Natchez, Miss)	1.8 ESE;RR S	135	25 S2	73 oct.
LeTourneau (Yokena, Miss)	2.5 NW;riv W	80	25 L2	Lgts prior req.Caution-wet
McComb (Miss)	1.3 NW;hwy E	460	27 L3 S6	80,91 oct.No bcn; lgts prior req.Obsts sur fld.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
* Rockport Int,12,NO-LS (Miss)	1.5 E;riv W	217	28 L3	
* Tylertown Int,7,NO-LS (Miss)	6 SE;road E	393	40 L3	
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	20 S4	73 oct.No sto.P-line W.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ HAWKINS	109.9 •–•– •–	333.8	108°	IM-	MM- •–•–(0.70)	OM- ––(4.43)
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page iv) → NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

BIRMINGHAM

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Augustine (Jackson,Miss)	11.5 NE;rivSE	335	40	73 oct.
Autaugaville (Selma,Ala)	20.5 W	100	73	
* Batesville Int,29,NO-LS	3W;hwy SE	205	25 L3	Poles N,lgtd. (Miss)
BIRMINGHAM Range (Ala)	224(BH)(116.1)	178°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
→ BIRMINGHAM Tower (Ala)	278 (126.18, 118.3)		AC(ILS-W)	(4); 122.5,126.18,118.3
(A) [Birmingham, Ala]	5.5 NE;RR S	643	57h L5 S3	73-100 oct.JP-1.Rdo rcd rqrd.
Bonita (Meridian,Miss)	2.5 ENE;hwy N	329	20 S1	80, 91 oct.
(P) Carroll Cone(Tupelo,Miss)	3 W;hwy S	338	37 S1	80 oct.
Central Park (Birmingham, Ala)	5.2 SW;RR E	500	29 S6	80 oct. No sto.
Columbiana (Ala)	1.5 WNW	514	23	Lgt acft only.
(A) Columbus AAF(Miss)(A)	10 N;RR E	215	45h	TMP INACT.NO FACS.
CRAIG Army Range (Ala)	272 (DPP)	320°,2.5	BMRLZ	(3); 126.18
CRAIG Tower (Ala)	219 (126.18)		CA	(3); 126.18
(A) Craig (Selma,Ala) (A)	4.8 SSE	166	53h L5 S6	91, 100 oct.
Cullman (Ala)	5 SSE;RR E	740	15 S2	73 oct.
Dallas (Selma, Ala)	2.2SW;rivSSE	161	20 S1	80 oct. Trees NE.
[Dannelly](Montgomery, Ala.)	7.5 SW;RR E	219	40h S1	80, 91 oct.
(P) Demopolis (Ala)	7.8 WSW	198	50h	River NW.
E. Jackson (Jackson,Miss)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N.
(A) Elmore (Montgomery,Ala)	10 N;hwy N	203	45	CLOSED (A)
Eupora (Miss)	1 NE;hwy S	325	15 S2	80 oct. Hill NW.
Eutaw (Ala)	2 SE; hwy N	160	23	P-line W.
Forest,46,FV-AG (Miss)	1 W;RR S	512	28 L3 S1	80 oct.
Foster (Tuscaloosa,Ala)	5.5 S	236	32 S4	Ltd 73 oct.Pwr line E
(A) Furniss (Selma,Ala)(A)	10 SSW	145	40	CLOSED.
* Gainesville Int, 55, FV-AG (Ala)	2 S;hwy W	174	31 L2	
Gragg,27,PS-TM (Clanton, Ala)	2.2 NE;crk S	571	29 L3 S2	80,91 oct.Hill E.
Greenville,24,NO-AG(Ala)	5.5 WNW	561	26 L2 S4	80 oct. Hwy S.
GREENWOOD Range (Miss)	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4); 116.1
[Greenwood Mun.](Miss)	2.3SW;RR SE	129	40h L5 S2	80,91 oct.P-line E,SE.
(A) Greenwood AAF (Miss)(A)	5.8 ESE;hwy N	162	50h	CLOSED.
Grenada (Miss)	3 N;RR S	207	50h L5 S2	80,91 oct.Ctc lgts on req
→ HAWKINS Tower (Miss)	278 (126.18, 118.7)		C(ILS)	(4); 126.18,118.7,122.5
(A,N) [Hawkins](Jackson,Miss)	3 NW;RR SW	343	54h L6 S6	80,91,100 oct.Tank,stack E.
(A) Henderson (Selma,Ala)(A)	29SW;riv W	170	40	CLOSED.
Houston (Miss)	1.5SW;hwy SE	342	28	Trees W,SE,N;bldg SE.
JACKSON Range (Miss) (Hawkins)	260(JA)(116.1)	173°,2.4	SBRAZ-DTV	(3); 116.1, 122.1
(NG) [Key] (Meridian,Miss)	3.5SW;RR E	297	50h L5 S4	80,91 oct;100 oct NG.Ctc lgts prior req.
Lauderdale Civil (Meridian, Miss.)	9 NNE;hwy E	310	32h	
Lee (Canton, Miss)	1.4WNW;RR E	300	38	Tank E.
Louisville Air Svc.(Miss)	3.9S;RR W	500	16 S1	80 oct. P-line S.
Masonic (Columbus,Miss)	3.9 ENE;hwy S	200	28 S2	80 oct.
MAXWELL Army Range (Ala)	362 (DXW)	86°,2.0	SBRAZ	(4)
MAXWELL Tower (Ala)	396 (126.18)+		CA	(4); 126.18
(A) Maxwell (Montgomery, Ala) (A)	3 WNW	167	70h L5 S6	73, 91, 100 oct. No sto. JP-1.
MERIDIAN Range (Miss)(Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Mollette (Selma,Ala)(A)	16.2SSW	150	40	CLOSED
North Jackson Arpk. (Jackson, Miss)	7.5 NE;hwy E	300	25 S4	80 oct. No sto.Trees S
O'Keefe (Newton,Miss)	1.5 ESE;RR N	363	26	Trees NE,SE,NW. UNUSABLE.
Oktibbeha (Starkv'l,Miss)	7.5 ENE;hwy E	326	30 S6	73 oct.
(P) Oxford (Miss)	8 S;riv N,W	400	30 S2	73 oct.
→ Philadelphia Arpk (Miss)	See Friendly Flying Service under "New Facilities" - name changed.			
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	(Miss)
Roberts (Birmingham,Ala)	3 W;RR N	610	39	
Selma-Selfield (Selma,Ala)	4 ENE;RR S	130	40h	
(A) Starkville (Miss) (A)	2 SW	325	50h	CLOSED
(A) Stinson (Aberdeen,Miss)	3 NW;hwy NE	239	30	CLOSED. (A)
TUSCALOOSA H Fac.(Ala)	206(TU)(116.1)		MHTV	(4); 116.1
Van de Graaff,59,FV-AG (Ala)	3NW;RR N	172	52 L3 S6	80,91 oct.Pole,trees N.
Walker Co. (Jasper,Ala)	2.5 NNE;RR W	527	31 S2	80 oct.
Winona (Miss)	1.3SSE;RR W	370	29 S4	73,91 oct. Lgt acft only Rnwy data unver.
* Zeiglerville Int,19,NO-LS (Miss)	3SW;riv N	248	26 L2	Twr SE.Trees E,S,SE.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BIRMINGHAM				IM-	MM-	OM-
					MMK-	OMK 375 ·—··· (5.4)
→ HAWKINS	109.9 ·—·—	333.8	108°	IM-	MM- ·—·—(0.70)	OM- ——(4.43)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

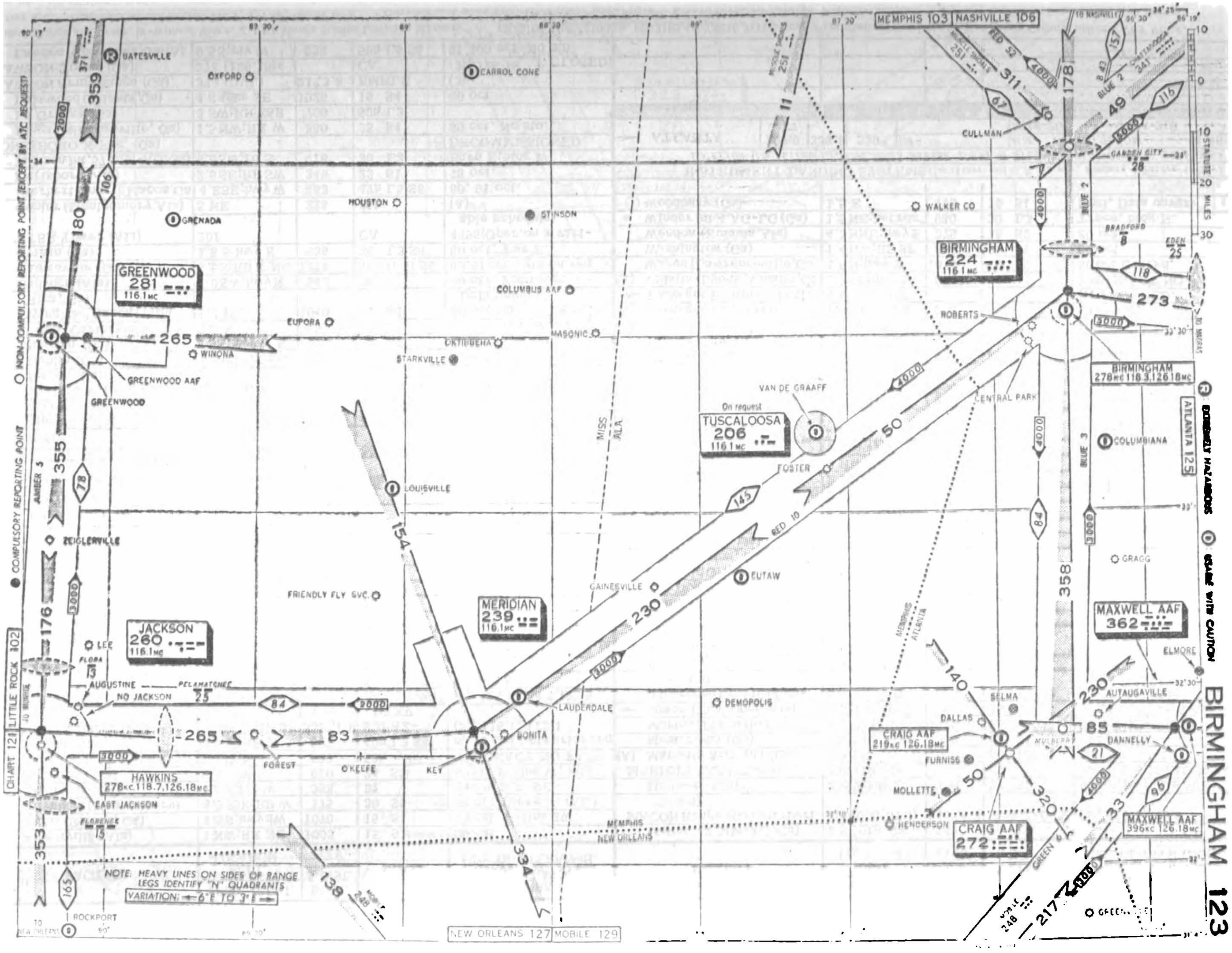
NEW FACILITIES

→ Friendly Flying Service (Philadelphia,Miss.)	0.7 SE	500	22 S4	80 oct.All appchs blocked.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page ii)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED, Airports are indented and non-capitalized.


MEMPHIS 103 | NASHVILLE 106
BATESVILLE
OXFORD
CARROL CONE
HOUSTON
STINSON
GRENADA
WALKER CO
CULLMAN
GARDEN CITY
BRADFORD
EDEN
GREENWOOD 281 116.1 MC
BIRMINGHAM 224 116.1 MC
COLUMBUS AAF
EUPORA
MASONIC
OKTIBBEHA
STARKVILLE
WINONA
ROBERTS
GREENWOOD AAF
GREENWOOD
VAN DE GRAAFF
On request
TUSCALOOSA 206 116.1 MC
CENTRAL PARK
FOSTER
LOUISVILLE
MISS
ALA
BIRMINGHAM 278 MC 116.3,126.18 MC
ATLANTA 125
COLUMBIANA
ZEIGLERVILLE
GRAGG
FRIENDLY FLY SVC.
GAINESVILLE
EUTAW
MERIDIAN 239 116.1 MC
MAXWELL AAF 362
ELMORE
JACKSON 260 116.1 MC
LEE
FLORA
AUGUSTINE
PELAHATCHIE
NO JACKSON
LAUDERDALE
DEMOPOLIS
AUTAUGAVILLE
SELMA
DALLAS
BONITA
CRAIG AAF 219 KC 126.18 MC
DANNELLY
FURNISS
FOREST
O'KEEFE
KEY
HAWKINS 278 KC 118.7,126.18 MC
MOLLETTE
EAST JACKSON
FLORENCE
HENDERSON
CRAIG AAF 272
MAXWELL AAF 396 KC 126.18 MC
MEMPHIS
NEW ORLEANS
ROCKPORT
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 6°E TO 3°E
NEW ORLEANS 127 | MOBILE 129
CHART 121 LITTLE ROCK 102
BIRMINGHAM 123
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
CAUTION WITH CAUTION

ATLANTA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albertville (Ala)	1 NW;RR NE	1063	15 S1	80 oct.
Allen (Buford, Ga)	1.5 S;hwy SW	1070	15 S1	80 oct. P-line SW.
Allenport (Montgomery)	4.3 SSE;RR W	175	30 S6	80 oct. Trees N. (Ala)
Americus (Ga)	1.5 S;RR W	362	27	Trees E,W,NE.
Anniston (Ala)	5.5 SSW	610	24 S3	80 oct. P-line W, lgtd.
(A) Anniston AAF (Ala)(A)	15 SW;hwy N	527	53h	TMP INACT. NO FACS.
Athens (Ga) **ATLANTA Range (Ga)**	3.5 E;RR N 266(AG)(116.1)	807 331°,1.9	40h L3 S6 SBRAZ-DTXV	80,91 oct. Lgts prior req (3); 116.1, 122.1
ATLANTA Tower (Ga)	278(118.7,126.18)		AC(ILS-W)	(4); 126.18,118.7,122.5
(A) [Atlanta] (Ga)	8 S; RR N	1005	48h L6 S6	73-100 oct.
ATLANTA Navy Range (Ga)	323 (NCQ)	86°,3.2	MRLWZ	
ATLANTA NAS Tower (Ga)	356 (142.74)		CN	3105,4495,3117.5;142.7
(N) Atlanta NAS (Ga) (N)	8.5 NNE	1002	39h (L6) S6	100 oct. Hwy SE.
(P) Auburn-Opelika (Auburn)	2.8 E;RR N	770	40h L5 S6	80 oct. (Ala)
Bentley (Calhoun Falls,S.C.)	3 ENE	500	16	RR NNW.
* Butler Int,14,TJ-AG (Ga)	0.5 NW;RR S	667	32 L3	Poles S.
Cedartown (Ga)	1 W;rd S	850	25 S4	80 oct. P-lines N,W.
Centre (Ala)	0.6 NNW	720	22 S4	80 oct. SSE appch blckd.
City-Co. (Carrollton,Ga)	3.3 NE;hwy E	1200	12 S1	Ltd 73 oct.
Clevenger's Arpk. (Marietta, Ga)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No sto.
Cobb (Marietta, Ga)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct. No sto. Trees
(A) Cochran (Macon,Ga)(A)	10 S;RR E	354	50h	TMP INACT. NO FACS. NW.
* Cochran Int,50,MM-AG (Ga)	5 NE;rd N	324	30 L2 S6	80 oct. Poles NW,NE,S, SE. (Ga)
Columbus (Ga)	1.5 SSE;riv SW	215	45 S4	80 oct.
(P) Cordele (Ga)	1.6 NNE;RR W	305	52h L3 S1	80 oct.
Crawford W. Long (Jefferson, Ga)	2.5 S;RR E	950	27 L1 S1	80 oct. P-line SE
(N,P) Dublin (Ga)	4.5 WNW;hwy S	303	50h S1	73 oct. NATS (Hospital)
Elberton (Ga)	2 SE;hwy W,N	710	16 S1	80 oct. Obst sur fld.
Felton (Cartersville,Ga)	2.5 N	790	23	Hills S,W,N;wires E,W
Flying "S" Ranch (Villa Rica, Ga)	1.7 NE	1040	17 S4	80 oct. No sto. Rocks NE Data unver.
Gadsden (Ala)	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Gainesville (Ga)	1.5 S;RR E,NW	1277	40h (L5) S6	80,91 oct. Lgts on req.
Griffin (Ga)	1.5 S;hwy E	936	30 L3 S6	80 oct. Twr E.
GUNTER Tower (Ala)	201		CA	4495(Oper. on a variable schedule)
(A) Gunter (Montgomery,Ala)	5 NE	225	35h	(A)
[Herbert Smart] (Macon,Ga)	4 ESE;hwy W	463	47h L5 S6	80, 91 oct.
Hurtsboro (Ala)	2.5 SE;RR SW	349	23 S1	78 oct.
Jackson Int,57,MM-AG(Ga)	4.6 SW;rd S	716	30 L3	Barn E;bldg W.
JONESBORO K Fac. (Ga)				DECOMMISSIONED.
Kings (Milledgeville, Ga)	1.5 NW;RR W	360	23 S4	80 oct. No sto.
(P) La Grange (Ga)	3 SW;RR ESE	700	50h L2	
Lakewood (Atlanta,Ga)	4 S;lake SE	1026	16 S4	80 oct.
LAWSON Army Range (Ga)	379 (DVL)	21°,3.3	BMRLZ	(3)
LAWSON Tower (Ga)	278 (126.18)+		CA	(3); 126.18 CLOSED.
(A) Lawson (Columbus,Ga)(A)	9.5 S;riv W	232	59h L5 S6	91,100 oct. No sto.
McRae,47,MM-AG (Ga)	2 SE;RR NE	247	26 L3	
MACON Range (Ga) (Herbert Smart)	209(UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1,122.1
Madison (Ga)	2 SSW;RR E	720	27 S2	80 oct. Pwr line SSE.
MARIETTA AAF Twr (Ga)	396 (126.18)		CA	3105,4495;126.18(8-20)
(A) Marietta AAF (A) (Ga)	2.5 SE	1030	60h L5 S4	100 oct. JP-1.
Montezuma (Ga)	1.5 E;RR S,W	300	35 S1	Ltd 80 oct.
Morton (Palmetto,Ga)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line SE.
Moton (Tuskegee, Ala)	3 N;RR,riv E	269	40 S6	80,91 oct. Twr S end.
[Muscogee Co.] (Columbus, Ga)	6 NE;hwy E	386	40h L5 S6	80,91 oct. Fld lgts prior req.
Newnan Arpk (Ga)	3.7 SE;RR W	970	20 L1 S1	80 oct.
Norman Bridge (Montgomery, Ala)	5.8 S;RR E	172	20 S4	73 oct. No sto.
Parkaire (Marietta, Ga)	7.7 E;hwy SW	1100	22 S1	80 oct.
Polo Arfld (Athens, Ga)	2 WSW;hwy N	720	12 S4	80 oct. No sto.
Red Dog (Cochran, Ga)	6.2 NW;RR W	300	22 S4	80 oct. Trees N,E.
Reginald Grant Memorial (Thomaston, Ga)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S. Trees
Ries (Macon, Ga)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg. NE.
ROBINS Tower (Ga)	284 (126.18)+		CA	(3); 126.18
(A) Robins (Warner-Robins)	1.5 NE Wellst'n	295	70h L5 S6	62,73,100 oct. JP-1.(A)
Roosevelt (Warm Spgs,Ga)	3.5 N;hwy W	870	22 S2	80 oct. Trees SE,SW,NW
Rockmart (Ga)	2 ENE;RR W	800	20 S1	80 oct. P-line W.
Rome (Ga)	3 NW;RR S	669	25 S6	80 oct. No sto.
(N) Russell (Rome, Ga)	7 N;hwy N	644	45h L5 S6	80,91 oct. Lgts prior req.
* Siloam Int, 7B, AG-CS (Ga)	1.3 S;rd W	654	39 L3	82' mast SE Data unver corner N/S strip.
Souther (Americus,Ga)	4 NE;RR W	470	66	
Talladega (Ala)	2.6 NE;RR SE	590	20	P-line E, hill W.
* Tallapoosa Int,73,FV-AG	5.5 SSE	1210	21 L3	Trees SE;house NW.(Ga)
Thomas C. Russell (Alexander City, Ala)	1.5 SW;hwy E	711	31 S5	80 oct.
(A) Troy (Ala) (A)	4.8 NNW;rd E	393	50h	CLOSED.
(A) Tuskegee AAF (Ala)(A)	7.3 NW;RR S	253	50h	CLOSED.
Tuskegee Institute #1 (Ala)	4 SSE;hwy W			ABANDONED.
(A) Vidalia-Lyons (Vidalia,Ga	3.2 SE;hwy N	274	50h	TMP INACT. NO FACS.
Wages (Lawrenceville,Ga)	1.8 N;hwy E	1075	12 S2	80 oct. E blckd. (A)
Washington (Ga)	1.4 NW;RR SE	600	22 S1	80 oct.
Weedon (Eufaula,Ala)	4.3 NNE;hwy E	275	28 S2	80 oct.
* Winder Int,4,AG-LG (Ga)	1.5 NE;bet rds	950	30 L3	Trees, bldg N.
Woodbury (Ga)	1.5 E	770	16 S1	Fuel, Data unver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

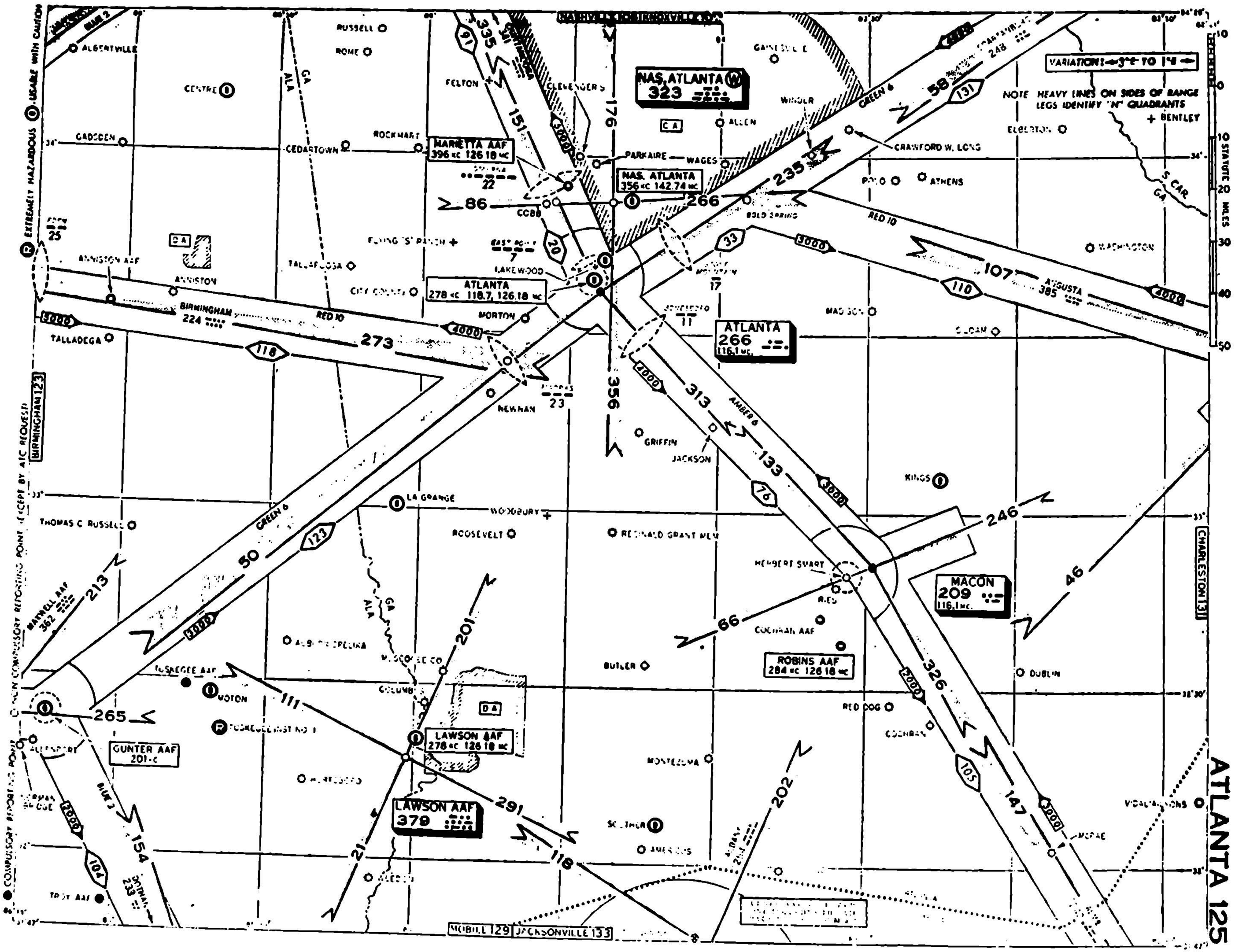
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ATLANTA	109.9 -.-.-	333.8	329°	IM-	MM- .--.-(0.70)	OM- --(4.40)
				MMK-201 .-.-.	OMK-219	

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S.-transmits on and guards 116.1, 137.88, *40.58 mcs * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page iv)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop **N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.**


ATLANTA 125
NAS, ATLANTA 323
MARIETTA AAF 396 HC 126.18 MC
NAS, ATLANTA 356 HC 142.74 MC
ATLANTA 278 HC 118.7, 126.18 MC
ATLANTA 266 116.1 MC
LAWSON AAF 278 HC 126.18 MC
LAWSON AAF 379
GUNTER AAF 201-C
ROBINS AAF 284 HC 126.18 MC
MACON 209 116.1 MC
ANNISTON AAF
TALLADEGA
BIRMINGHAM 224
NEWNAN
GRIFFIN
JACKSON
LA GRANGE
TUSKEGEE AAF
MOTON
MAXWELL AAF 362
TROY AAF 233
ALBANY 233
DUBLIN
MONTEZUMA
COCHRAN
MOBILE 129
JACKSONVILLE 133
CHARLESTON 131
VARIATION 3°E TO 1°W
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS USABLE WITH CAUTION

NEW ORLEANS

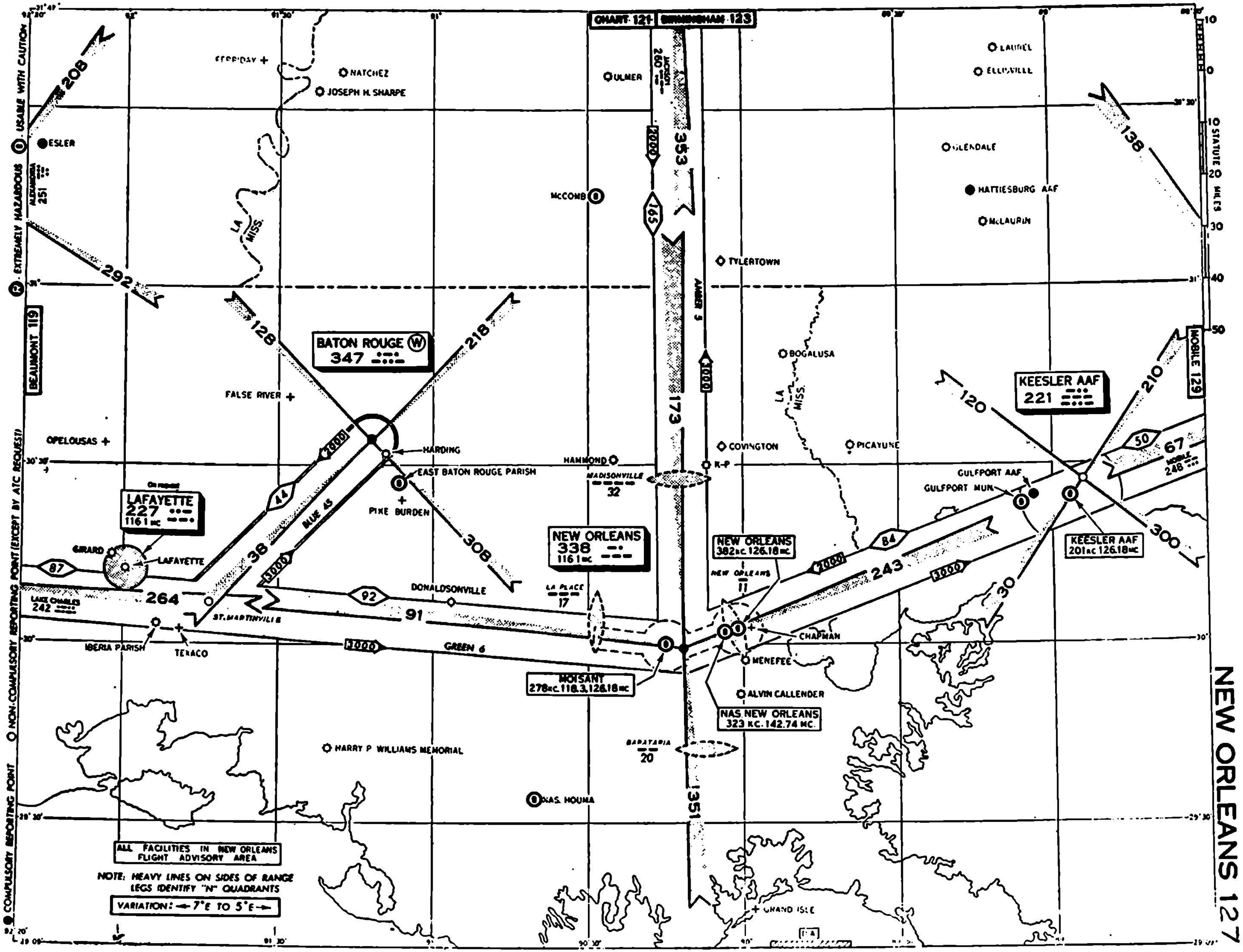
FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(N) Alvin Callender (New Orleans, La)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
BATON ROUGE Range (La) (Harding)	347 (RX)	128°,3.4	MRLWZ	
Bogalusa (La)	2.4 N;RR E	100	35 S6	73, 80 oct.No sto. Poles S.
Chapman (New Orleans, La)	8.5 NE;lake N	4	22	15' trees NW. Cattle on fld.
* Covington Int,3,NO-LS (La)	6 NNE;hwy W	77	27 L3	Pole line W.
* Donaldsonville Int, 26, HU-NO (La)	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge, La)	4 E;hwy N,E	56	31 S4	80,91 oct.P-line S.
Ellisville (Miss)	1.3 SW;RR SE	240	18	
(A) Esler (Alexandria, La) (A)	11 NE;Bayou S	92	45h	CLOSED
False River (New Roads, La)	1.5 W	30	25 S1	80 oct. Data unver
Ferriday (La)	1 N	55	18	Data unver.
Girard (Lafayette, La)	2.5 NW;hwy E	39	26 S6	80,87 oct.Obsts sur fld
Glendale (Hattiesburg, Miss)	5 NNW;hwy E	200	26 S3	80 oct.
Grand Isle (La)	2.6 NE;hwy NW	4	22	
(A) Gulfport AAF (A) (Miss)	3.4 NE	27	70h	CLOSED.
Gulfport, mun. (Miss)	1.3 N;RR E	30	22 L1 S1	80 oct. Twrs SE,NNE, lighted.
(P) Hammond	2 ENE;RR S	40	50h	
(P) [Harding](Baton Rouge, La)	5.8 NNE	70	60h L5 S2	80,91,100 oct.
(P) Harry P. Williams Memorial (Patterson, La)	2 WNW;bet RR & hwy	9	32 L2 S2	73 oct.No bcn.Lgts prior req.P-line NW.
(A) Hattiesburg AAF (Miss) (A)	5 SSE;RR SW, NE	145	43h	Poles W,NW. CLOSED
(N) Houma NAS (LTA)(La)(N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia, La)	5 NW;RR NE	27	40h L5 S6	73-91 oct.
Joseph H. Sharpe (Natchez, Miss)	1.8 ESE;RR S	135	25 S2	73 oct.
KEESLER Army Range (Miss)	221 (DOX)	210°,2.9	MRLZ	(4); 4220
KEESLER Tower (Miss)	201 (126.18)		CA	(4); 4220
(A) Keesler (Biloxi,Miss)(A)	2 WNW;bay N	26	66h L5 S5	100 oct.Rdo rqrd ngts.
K-P (Covington, La)	1.6 NW;hwy adj	27	18 S2	80 oct.P-line E.
LAFAYETTE H Fac. (La)	227(UG)(116.1)		MHTV	(4); 116.1
Lafayette (La)	1.5 SE;RR W	40	50h L5 S5	80,91 oct. P-line S.
Laurel (Miss)	3 W;RR SE	235	50h L S4	80,91 oct. Port rnwy lgts.
McComb (Miss)	1.3 NW;hwy E	460	27 L3 S6	80, 91 oct. No bcn. Lgts prior request. Obsts sur field.
McLaurin (Miss)	1 NNE;RR W	350	24 S4	73 oct.Lgt acft only.
Menefee (New Orleans,La)	5.2 E;riv S	1	31	P-line S.
MOISANT Tower (La)	278 (118.3, 126.18)		C (ILS-W)	(4); 122.5,118.3,126.18
(N) [Moisant International] (New Orleans, La)	11 W;riv S	3	70h L6 S1	80,91,100 oct. Avail. only to Army, Navy, and Airlines. NATS.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
NEW ORLEANS Range (La) (Moisant)	338(NO)(116.1)	271°,3.2	SBRAZ-DTV	(3); 116.1
NEW ORLEANS Tower (La)	382 (126.18)		CA	(4); 126.18
(A) New Orleans (La)	6.5 NNE;RR S	8	40h L5 S4	91,100 oct.; 100 oct for Army. FEE.
NEW ORLEANS NAS Tower	323 (142.74)		CN	(3); 142.74 (8-sunset)
(N) New Orleans NAS (La)(N)	4.6 N; on lake	7	34h S1	100 oct. Twr NE.
(P) Opelousas (La)	1.5 NE	35	18	Data unver.
Picayune (Miss)	2.3 NNE	92	30 S4	73 oct.No sto.Trees N, SW.
Pike Burden (Baton Rouge, La)	5 SE	35	50 S1	80 oct. Data unver
Texaco (New Iberia,La)	2.6 N;hwy W	21	18	Poles W,WSW.Cattle on fld.
* Tylertown Int,7,NO-LS (Miss)	6 SE;rd E	393	40 L3	
Ulmer (Brookhaven,Miss)	1.5 NNE;RR W	500	20 S4	73 oct.No sto.P-line W.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MOISANT	109.9	333.8	100°	IM- ·····(0.05)	MM-	OM- --(4.30)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4405,6210 kcs. (4)-3105,4495,6210,3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice.
+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities L-lighting facilities. S-servicing (see page iv)
→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


CHART 121
BIRMINGHAM 123
NEW ORLEANS 127
1. USABLE WITH CAUTION
2. EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
ESLER
FERRIDAY
NATCHEZ
JOSEPH H. SHARPE
ULMER
McCOMB
LAUREL
ELLISVILLE
GLENDALE
HATTIESBURG AAF
McLAURIN
TYLERTOWN
BOGALUSA
COVINGTON
PICAYUNE
BATON ROUGE (W)
347
FALSE RIVER
OPELOUSAS
HARDING
EAST BATON ROUGE PARISH
PIKE BURDEN
HAMMOND
MADISONVILLE
32
LAFAYETTE
227
1161 MC
GIRARD
LAFAYETTE
NEW ORLEANS
338
1161 MC
DONALDSONVILLE
LA PLACE
17
LAKE CHARLES
242
IBERIA PARISH
TERACO
ST. MARTINVILLE
MOISANT
278 KC. 118.3, 126.18 MC
NEW ORLEANS
382 KC 126.18 MC
NEW ORLEANS
11
CHAPMAN
MENEFEE
ALVIN CALLENDER
NAS NEW ORLEANS
323 KC. 142.74 MC.
BARATARIA
20
HARRY P. WILLIAMS MEMORIAL
NAS. HOUMA
GRAND ISLE
GULFPORT AAF
GULFPORT MUN
KEESLER AAF
221
KEESLER AAF
201 KC 126.18 MC
MOBILE 129
MOBILE
248
BEAUMONT 119
ALL FACILITIES IN NEW ORLEANS FLIGHT ADVISORY AREA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 7°E TO 5°E
STATUTE 20 MILES
208
292
128
218
44
36
BLUE 45
308
353
173
351
138
120
210
300
243
30
91
92
84
87
264
50
67
1000
7000
165
AMBER 5
LA MISS.
MISSION 260

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(A) Alliance #4 (Marianna,Fla)(A)	14 SE	215	50h	CLOSED.
Andalusia (Ala)	1.7 SSE;RR N	340	18 S1	80 oct.
(A) Apalachicola AAF (Fla)(A)	2 W;RR N	19	53h	CLOSED.
* Atmore Int,16,NO-AG (Ala)	6 NW;at rd int.	287	31 L3	
(N) Bagdad OLF (Pensacola,Fla)(N)	14 NE;RR SE	111	18h	Use rnwys
BARIN NAAS (EAST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-East (Foley,Ala)	2.7 ESE	51	41h	INACTIVE. (N)
BARIN NAAS (WEST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-West(Foley,Ala)	2.7 ESE	72	34h	INACTIVE. (N)
(A) Bascom (Marianna,Fla)(A)	15.5 NE	120	50h	CLOSED.
[Bates] (Mobile, Ala)	10 W;rd N,S	218	50h L5 S6	80,91 oct.No flood lgts; ctc lgts on req.
(P) Brewton (new)(Ala)	3.5 S;riv N	92	40h	
Brewton (old)(Ala)	2.5 N;hwy E	100	23	UNUSABLE.
(N) Bronson NAAS (Pensacola,Fla)	12 WSW;bay W	27	44h	INACTIVE. (N)
BROOKLEY Tower (Mobile,Ala)	281 (126.18)+		CA	(4); 126 18
(A) Brookley (Mobile,Ala) (A)	3 SSW;RR NW	26	89h L5 S4	62,73,91,100 oct JP-1.
(N) Canal OLF (Foley,Ala)(N)	8 S;rd W	16	36h	
(A) Carabelle Flgt Strip (Fla)(A)	2.6 W;hwy S	20	40h	CLOSED.
Chastain's (Prichard, Ala)	2.5 NW;RR E	50	17 S1	80 oct.
Chipley (Fla)	1.5 SE;hwy N	100	24 S1	80 oct.Trees around fld.
(N) Choctaw OLF (Pensacola,Fla)	15 ENE	111	40h	(N)
City Air Park (Panama City)	2.5 N	40	26 S6	80,91 oct.Data unver.(Fla)
CRESTVIEW Range (Fla)	350(HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4); 116.1
Crestview, 21, NO-JX (Fla)	2.5 N;RR E	274	33 L2 S6	80 oct. No sto.
Davis (Mobile, Ala)	12.1 WSW;RR E	180	23 S1	73 oct.
De Funiak Springs (Fla)	1 W;RR N	197	25 S1	80 oct.Pwr line N.
Donalsonville (Ga)	1 S	150	40h	
DOTHAN Range (Ala)	233(ND)(116.1)	47°, 3.7	SBRAZ-DTV	(4); 116.1
[Dothan] (Ala)	3 WNW;hwy SE	330	40h L5 S6	80,91 oct.No sto.No flood lgts.
EGLIN Army Range (Fla)	209 (DVQ)	175°, 3.6	MRLPZ	Range cont.; (3); 126.18 (6-24)
EGLIN Tower (Fla)	278 (126.18)+		CA	(3); 126.18 (6-24)
(A) Eglin (Valparaiso,Fla)(A)	1.8 SW;hwy SE	71	80h (L5) S4	73,100 oct JP-1. No sto.
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
Ellis (Marianna, Fla)	9.5 N;riv W	116	50h	
(N) Ellyson NAAS (Pensacola,Fla)	7.5 NNE;bay E	115	38h	INACTIVE. (N)
Enterprise (Ala)	0.5 NE	355	22	
(N) Faircloth OLF (Lillian,Ala)(N)	3 NW;bay E	70	37	
Geneva (Ala)	2.4 NW;hwy S	88	23 S4	80 oct. RR S.
Gulf Airpark (Pensacola,Fla)	3 NW		17	Data unver.
Headland (Ala)	2 NE;hwy N	350	48	
(N) Helm OLF (Pensacola,Fla)(N)	12 NW			ABANDONED
(N) Holley OLF (Fla) (N)	1.5 S;riv N	37	36h	
Jackson Co. (Pascagoula,Miss)	3.5 ENE;RR N	16	45h L5 S6	80,91 oct.
(N) Kaisers Tract OLF (Elberta, Ala) (N)	3.3 ENE;hwy S	90	25	
Luverne (Ala)	1.7 NNW;RR E	300	20 S1	73 oct. P-line W.
(N) Magnolia OLF (Foley,Ala)(N)	5.4 NW	83	29h	
(A) Malone #2 (Marianna,Fla)(A)	15.5 N	154	50h	CLOSED.
(P) Marianna (Fla)	6 NE;hwy E	112	50h L5 S4	80 oct.Fld lgts prior req.
(P) Middleton (Evergreen,Ala)	6 WSW;hwy N	258	40h L5	Fld lgts prior req.
(P) Milton "T" (Fla)	3.5 ENE;RR S	150	53 S3	80 oct.
MOBILE Range (Ala)(Brookley)	248(MS)(116.1)	138°,3.2	SBRAZ-DTV	(4); 116.1
(A) Napier (Dothan, Ala) (A)	7.5 NW;RR S	397	45h	CLOSED.
(A) Ozark AAF (Ala) (A)	12 SSW	305	46h	TMP INACT.NO FACS.
Panama City (Fla)	5 NW;bay N,S,W	5	19 S6	80 oct.
PENSACOLA Range (Fla)	326(KH)(116.1)	340°,2.1	SBRAZ-DTV	(4); 116.1
(P) [Pensacola] (Fla)	4 NNE;bay E	121	50h L5 S6	80,91 oct.
Pensacola Arpk (Fla)	5 NNW;hwy E		28 S1	80 oct.Allway fld.Data unver.
PENSACOLA NAS-CHEVALIER Tower (Fla)	382 (142.74)		CN	(4); 142.74 (sunrise-30 min. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower (Fla)	2870 (142.74)		CN	3105;142.74 (730-1630 except Sat,Sun,and holidays)
(N) Pensacola NAS-Chevalier(Fla)	5.3 SW;RR W	9	26h L S6	91 oct.Flood,obst lgts.(N)
PENSACOLA NAS-CORRY Tower	341 (142.74)		CN	3105; 142.74
(N) Pensacola NAS-Corry (Fla)(N)	5 WSW;hwy SE	32	43h L4 S6	91 oct.Obsts N,E,W.
(N) " OLF #1 (N) (Fla)	14 NW;riv 3 W	100	46	ABANDONED.
(N) " OLF #5 (N)	10 NNW;RR W	115	57	ABANDONED.
(N) " OLF #6 (N)	10 NNW;RR E	110	48	ABANDONED.
(N) " OLF #7 (N)	7 NW	103	37	ABANDONED.
(N) " OLF #8A (N)	13 NW	100	73	
(N) " OLF #9K (N)	11.5 NNW;RR E	110	50	ABANDONED.
(A) Reynoldsville (Ga) (A)	1.7 SSW	110	30h	CLOSED.
(N) Santa Rosa OLF (Milton,Fla)	6 E;rivs N,S,W	150	45h	(N)
SAUFLEY NAAS Tower (Fla)	275 (142.74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola,Fla)	8.5 WNW;bay SW	85	61h L5 S4	87,91 oct. NATS. (N)
(N) Silverhill OLF (Ala) (N)	3.5 WNW	129	30h	
Skyland (Panama City,Fla)	Within city W	12	20 S6	80 oct.No sto.P-line S.
Southern Airmotive (Dothan)	2 SE;RR W	322	27 S4	80 oct. Twr NW. (Ala)
(N) Spencer OLF (Pensacola,Fla)	15 NNE;bay S	145	18h	(N)
(N) Summerdale OLF (Ala) (N)	3.5 ENE;RR W			ABANDONED.
TYNDALL Army Range (Fla)	203 (DKE)	313°, 2.8	MRLZ	(3); 126.18 (V, 6-24)
TYNDALL Tower (Fla)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City,Fla)(A)	8 SE;Gulf SW	16	61h L5 S6	73,91,100 oct.
WHITING Navy Range (Fla)	524 (AWT)	130°, 3.2	MRLWZ	
WHITING NAS-NORTH Tower	269 (142.74)		CN	3105 4495; 142.74 (Fla)
(N) Whiting NAS-North (Milton,Fla)	6 N	200	60h (L6) S4	73,91,100 oct. (N)
WHITING NAS-SOUTH Tower				DECOMMISSIONED
(N) Whiting NAS-South (Milton,Fla)	5 N	178	60h	Use N Fld.INACTIVE.(N)
(N) Wolf OLF (Josephine,Ala)(N)	1.5 N;bay E	54	30h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

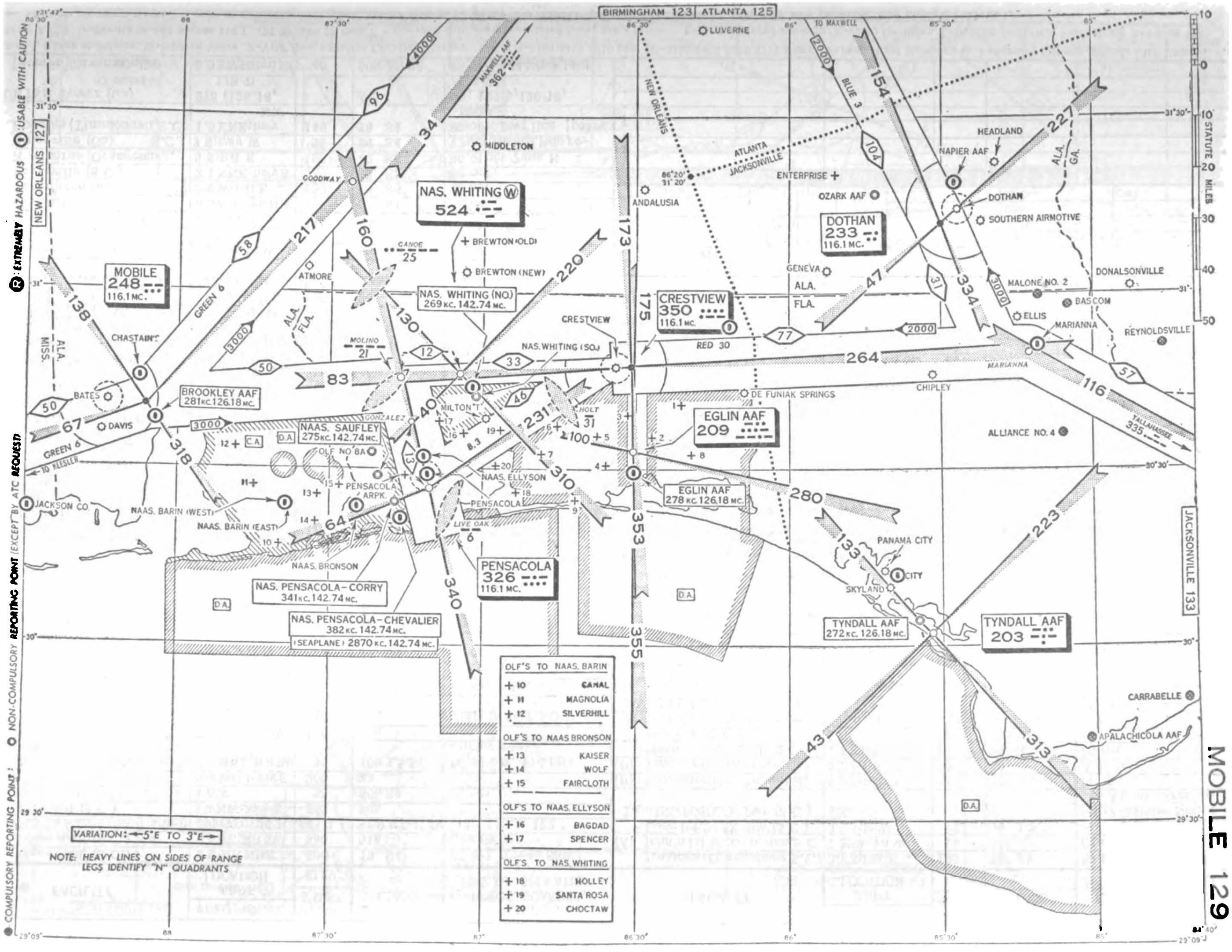
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page 8)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


BIRMINGHAM 123 ATLANTA 125
NEW ORLEANS 127
R: EXTREMELY HAZARDOUS ⊙: USABLE WITH CAUTION
COMPULSORY REPORTING POINT: ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
MOBILE 248 116.1 MC.
NAS. WHITING 524
NAS. WHITING (NQ) 269 KC. 142.74 MC.
DOTHAN 233 116.1 MC.
CRESTVIEW 350 116.1 MC.
EGLIN AAF 209
EGLIN AAF 278 KC. 126.18 MC.
BROOKLEY AAF 281 KC. 126.18 MC.
NAAS. SAUFLEY 275 KC. 142.74 MC.
PENSACOLA 326 116.1 MC.
NAS. PENSACOLA–CORRY 341 KC. 142.74 MC.
NAS. PENSACOLA–CHEVALIER 382 KC. 142.74 MC.
(SEAPLANE) 2870 KC. 142.74 MC.
TYNDALL AAF 272 KC. 126.18 MC.
TYNDALL AAF 203
MAXWELL AAF 362
LUVERNE
TO MAXWELL
NEW ORLEANS
ATLANTA JACKSONVILLE
MIDDLETON
GOODWAY
ANDALUSIA
ENTERPRISE
OZARK AAF
HEADLAND
NAPIER AAF
DOTHAN
SOUTHERN AIRMOTIVE
ATMORE
BREWTON (OLD)
BREWTON (NEW)
CANOE
MOLINO
GENEVA
ALA.
FLA.
DONALSONVILLE
MALONE NO. 2
BASCOM
ELLIS
MARIANNA
REYNOLDSVILLE
CHASTAIN
CRESTVIEW
NAS. WHITING (SQ.)
RED 30
DE FUNIAK SPRINGS
CHIPLEY
ALLIANCE NO. 4
BATES
DAVIS
MILTON
HOLT
GONZALEZ
GREEN 6
TO KLESLER
NAAS. ELLYSON
PENSACOLA ARPK.
PENSACOLA
LIVE OAK
JACKSON CO
NAAS. BARIN (WEST)
NAAS. BARIN (EAST)
NAAS. BRONSON
PANAMA CITY
CITY
SKYLAND
CARRABELLE
APALACHICOLA AAF
ALA. MISS.
ALA. GA.
JACKSONVILLE 133
TALLAHASSEE 335
STATUTE MILES
OLF'S TO NAAS. BARIN
+10 CANAL
+11 MAGNOLIA
+12 SILVERHILL
OLF'S TO NAAS. BRONSON
+13 KAISER
+14 WOLF
+15 FAIRCLOTH
OLF'S TO NAAS. ELLYSON
+16 BAGDAD
+17 SPENCER
OLF'S TO NAS. WHITING
+18 HOLLEY
+19 SANTA ROSA
+20 CHOCTAW
VARIATION: 5°E TO 3°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
D.A.
C.A.
MOBILE 129

CHARLESTON

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Aiken (old) (S.C.)	2 E;RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken AAF (S.C.) (A)	6 NNE;RR SW	530	51h	CLOSED
AUGUSTA Range (Ga)(Daniel)	365(VD)(116.1)	46°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Barnwell (S.C.)	1 WNW;hwy E	235	50h	
(P) Beaufort (S.C.)	4 NW	38	60h S4	80 oct.
Birdsville (Millen, Ga)	9.4 WNW;riv S	200	22	
(P) [Bluethenthal](Wilmington, N.C.)	2.4 NNE;RR W	30	70h L5 S4	80,91 oct. Fld lgts prior req.
Bush (Augusta, Ga)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville, Ga) (A)	3 NE;hwy SW	46	50h	TMP INACT.NO FACS.
Carlisle (Bamberg,S.C.)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Beach (N.C.)	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
Carolina Skyways (Charleston, S.C.)	6 SSW;riv W	10	26 S4	80 oct.
CHARLESTON Range (S.C.)	329(CS)(116.1)	110°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower (S.C.)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18,118.3,122.5
(A,N) [Charleston Mun.] (S.C.)	9.8 NW;RR NE	45	70h L6 S4	100 oct.Use rnwys only. ARMY TMP INACT. CIVIL FACS NATS
(N) Charleston (S.C.) (N)	4 N;riv E	13	17h	INACTIVE. (Hospital)
(A) Chatham AAF (Savannah, Ga) (A)	7.5 NW;RR E	50	70h L5	TMP INACT.NO FACS
Clark (Charleston, S.C.)	4 S;riv SW	6	21 S1	80 oct. Trees sur fld.
COLUMBIA Range (S.C.) (Owens)	227(CI)(116.1)	330°,1.9	SBRAZ-DTV	(4); 116.1,122.1. VDT lctd Lexington Co Arpt
(NG) Congaree (Columbia,S.C.)	15.5 ESE;RR S	237	45h	NAVY INACTIVE.
(A) Coronaco AAF (Greenwood, S.C.) (A)	3.8 N;RR E	629	50h	
DANIEL Tower (Ga)	278 (126.18, 118.9)		C	(4);126.18,122.5,118.9
[Daniel](Augusta,Ga)	2.5 W;RR S	420	42h L5 S4	80,91 oct.Use rnwys only
Donald (St.Matthews,S.C.)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct.Trees SE.
Duke (Chadbourn, S.C.)	1 N;RR SW	96	20 S4	80 oct.
* Elloree Int,25,AG-CS(S.C.)	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill (S.C.)	2.5 SSW;RR E	135	25	
FLORENCE Range (S.C.)	239(FL)(116.1)	292°,1.7	SBMRLZ-DTV	(4); 116.1,122.1
Florence (S.C.)	3.5 E;RR SW	146	60h L5 S1	80, 91 oct.
Georgetown (S.C.)	1 NW;riv E	12	29 S6	80, 91 oct.
(P) Georgetown Co. (S.C.)	4 S;bay E	37	50h	
→ Glenville (Ga)	2 SW;hwys N,E	175	32 S1	80 oct.
Greenwood (S.C.)	2.6 W;RR E	650	24 S6	73 oct.
Hartsville (S.C.)	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg,	5 S;RR E	195	47 S6	80,91 oct.Tank N
Hinesville (Ga) S.C.)	3 S;hwy W	55	24 S4	73 oct.No sto.Rdo re-
Huggins (Timmonsv'l,S.C.)	1.5 ENE;hwy NW	149	18 S4	80 oct. Pwr line pairs NNW
HUNTER Tower (Ga)	278 (126.18, 118.7)		AC	(4); 122.5,126.18, 118.7
[Hunter](Savannah,Ga)	3.5 SW;RRyd NW	40	50h L5 S6	80,91 oct.144'twr,lgtd.
Jennings (Orangeburg,S.C.)	2.3 S;RR E	190	25 S2	80,91 oct.P-line ENE
(A) John's Isl.(Charleston,S.C.)	7 SSW;rd W	16	50h	CLOSED. (A)
* Lane Int,24,IX-RW (S.C.)	3 S;RR W	72	34 L3	
LEXINGTON CO. Twr.(S.C.)	396		C	(4);(8-24)(See Notice to Airmen Section)
(P) Lexington Co.(Columbia)	7 SW;RR SE	233	56h L5	(S. C.)
(P) Lindsey (Swainsboro,Ga)	2.3 S;RR W	300	30	Pole line E.
Manning (Allendale,S.C.)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning (S.C.)	1.5 SE	125	20 S1	Ltd 80 oct. RR NNE
MYRTLE BEACH Army Rng	379 (DMB)	69°,4.4	BMRLZ	(S.C.)
MYRTLE BEACH AAF Tower	272 (126.18)		CA	(3); 126.18 (S.C.)
(A) Myrtle Beach AAF (S.C.) (A)	3 WSW;hwy SE	24	50h L5 S6	73,91,100 oct.No sto.
(A) North (S.C.) (A)	1.5 SE;hwy N	320	50h	TMP INACT.NO FACS
North Augusta (S.C.)	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive(Wampee,S.C.)	3.5 SE;hwy SE	33	60h	
[Owens] (Columbia,S.C.)	2.5 SE;RR SW	192	36h L4 S6	80 oct.Tank WSW;twr
(N) Parris Isl.MCAS (S.C.)(N)	1.5 S	11	60h	INACTIVE. SSE
Peiffer (Wilmington,N.C.)	6 ESE;ocean E	10	18 S1	80 oct.P-line NNE; trees N,S,SW.
Ridgeland (S.C.)	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SAVANNAH Rng (Ga)(Hunter)	263(SH)(116.1)	51°,2.2	SBMRLZ-DTV	(3); 116.1, 122.1
Savannah-Wilmington (Savannah, Ga)	8 ESE;hwy N	10	28 S6	73 oct. Trees NE,SW
SHAW Tower (S.C.)	272 (126.18)		CA	(3); 126.18 (7-24)
(A) Shaw (Sumter, S.C.)(A)	7 WNW;RR W	236	45h L5 S6	73,91,100 oct.JP-1.
(A) Statesboro AAF (Ga)(A)	3.8 NE;hwy W	180	54h	CLOSED.
(P) Sumter (S.C.)	1.5 NW;RR S	169	30 S6	80,91 oct.Data unver.
(A) Sylvania AAF (Ga)(A)	7.5 SSE;hwy E	175	50h	CLOSED.
Trenton (S.C.)	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston,S.C.)	5.5 W;RRs N	12	29 S6	80 oct.Poles sur fld.
(P) Walterboro (S.C.)	1.3 NE;hwy SE	93	58h	
→ W.Savannah(Savannah,Ga)	3 W;RR W,N	42	23 S6	80 oct.P-line NW.
Whiteville (N.C.)	3.7 S;RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpk. (N.C.)	3 SE;hwy N	20	27 'S4	80 oct.N & E blocked.
(P) Woodward (Camden,S.C.)	2.9 NE;hwy E	300	30h S4	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

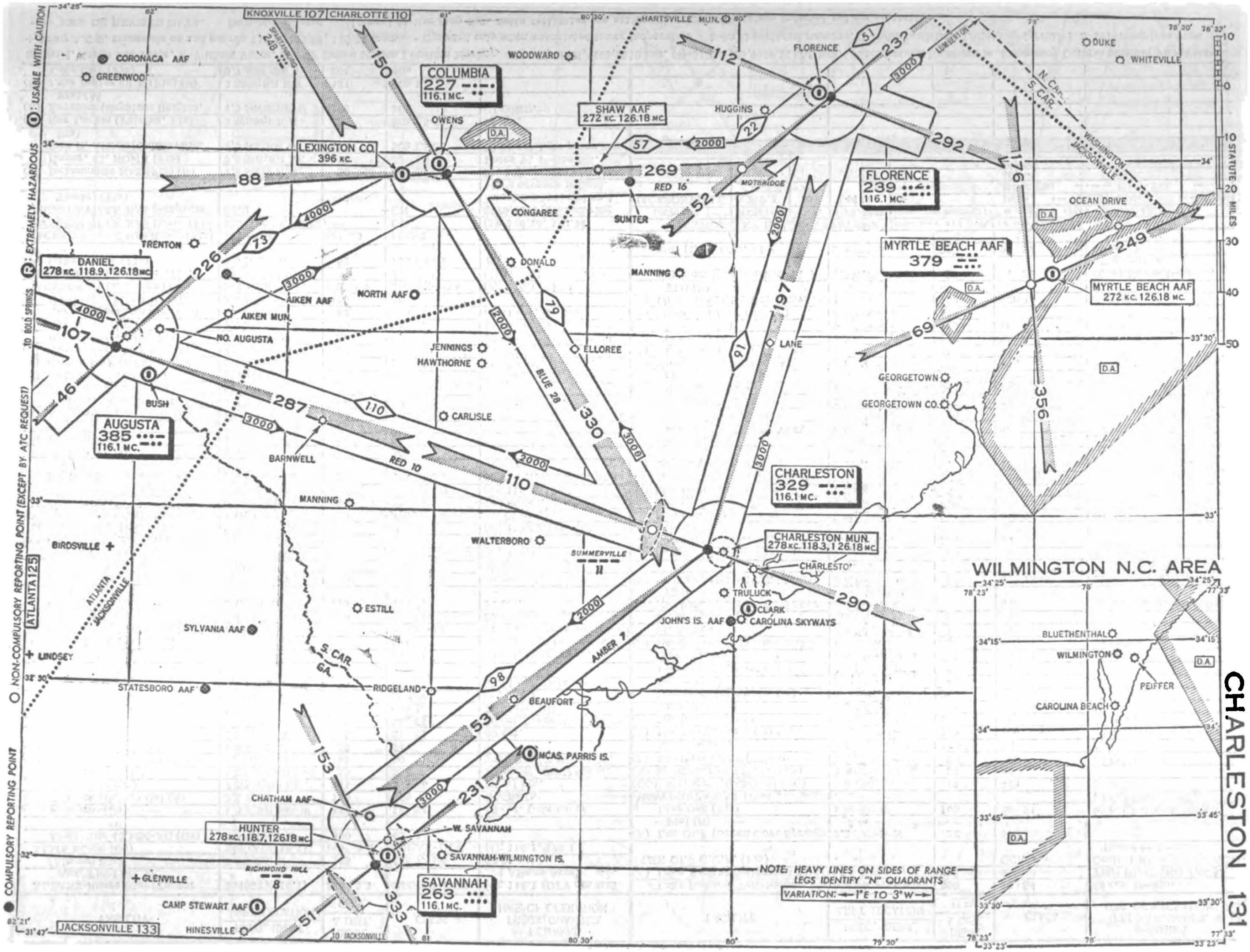
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON	110.3 -·-·-	335	147°	IM-	MM- ·—·—(0.64)	OM- ——(4.18)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


KNOXVILLE 107 CHARLOTTE 110
CORONACA AAF
GREENWOOD
COLUMBIA 227 116.1 MC.
WOODWARD
HARTSVILLE MUN.
FLORENCE
DUKE
WHITEVILLE
SHAW AAF 272 KC. 126.18 MC.
OWENS
HUGGINS
LEXINGTON CO. 396 KC.
CONGAREE
SUMTER
MOTEBRIDGE
RED 16
FLORENCE 239 116.1 MC.
OCEAN DRIVE
MYRTLE BEACH AAF 379
MYRTLE BEACH AAF 272 KC. 126.18 MC.
TRENTON
DANIEL 278 KC. 118.9, 126.18 MC.
DONALD
MANNING
NORTH AAF
AIKEN AAF
AIKEN MUN.
NO. AUGUSTA
JENNINGS
HAWTHORNE
ELLOREE
LANE
GEORGETOWN
GEORGETOWN CO.
BUSH
AUGUSTA 385 116.1 MC.
CARLISLE
BLUE 28
BARNWELL
RED 10
CHARLESTON 329 116.1 MC.
MANNING
WALTERBORO
SUMMERVILLE
CHARLESTON MUN. 278 KC. 118.3, 126.18 MC
CHARLESTON
TRULUCK
CLARK
CAROLINA SKYWAYS
JOHN'S IS. AAF
BIRDSVILLE
ATLANTA JACKSONVILLE
ESTILL
SYLVANIA AAF
LINDSEY
S. CAR. GA.
STATESBORO AAF
RIDGELAND
BEAUFORT
MCAS. PARRIS IS.
CHATHAM AAF
HUNTER 278 KC. 118.7, 126.18 MC.
W. SAVANNAH
SAVANNAH-WILMINGTON IS.
SAVANNAH 263 116.1 MC.
RICHMOND HILL
GLENVILLE
CAMP STEWART AAF
HINESVILLE
JACKSONVILLE 133
ATLANTA 125
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 1°E TO 3°W →
WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
PEIFFER
CAROLINA BEACH
CHARLESTON 131
D: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
TO BOLD SPRINGS
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
STATUTE MILES

JACKSONVILLE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALBANY Range (Ga) (Turner Aux. Field No. 1)	254(GY)(116.1)	298°,2.3	BMRLZ-DTV	(4); 116.1 (DTV stn lctd at Albany Arpt).
[Albany] (Ga)	4 SW;RR N	196	49h L5 S6	80,91 oct.
ALMA Range (Ga)	242 (AJ)(116.1)	144°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
Alma, Site 43,MM-AG (Ga)	2.5 W;hwy N	200	43 L3	
Ashburn (Ga)	1.5 S;RR,hwy W	430	18 S1	80 oct. Data unver.
(A) Babcock (Boykin,Ga) (A)	3.5 ENE	145	30h	CLOSED.
Bainbridge (Ga)	7 NNW;RR NE	141	50h S6	80, 91 oct.
Barberville (Fla)	1 SE;bet RR & rd	25	25	P-line E. UNUSABLE.
(A) Bemiss #3 (Valdosta,Ga)(A)	12 NE;hwy SE	198	50	TMP INACT,NO FACS.
(N) Bostwick OLF (Fla) (N)	1 NW;RR E	53	34	
Bowser (Baxley, Ga)	2.5 S;hwy W;RR N	205	21 S1	80 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct,Trees W.Poles SW
(N) Branan OLF (Jacksonville,Fla)	14.5 SW	73	40h L	B-2 lgts. (N)
BRUNSWICK H Fac. (Ga)	230(BS)(116.1)		MHTV	(4); 116.1
Brunswick (Ga)	2.5 NNE;hwy E	14	26 S1	80,91 oct. Data unver.
Bunnell (Fla)	3.3 E	34	50h	
Camilla (Ga)	1.4 NW	180	21 S1	80 oct. Data unver.
CECIL NAAS Tower (Fla)	201 (142.74)		CN	3105;142.74 (Flying hrs)
(N) Cecil NAAS (Jacksonville,Fla)	16 WSW;hwy NW	80	50h L5 S4	87,91 oct.Trees sur fld. (N
Civil Air Patrol (Waycross,Ga	2.6 WSW;RR SE	140	21 S1	80 oct. Obsts sur fld.
Commodore Decatur (Bainbridge, Ga)	2 W;riv W	103	40h S1	80 oct.
Cook County (Adel, Ga)	1.3 W;hwy NE	220	40h L3 S6	80, 91 oct.
Craig (Jacksonville, Fla)	9 E;riv N	41	40h L5 S6	80,91 oct. No sto.
CROSS CITY AAF Range (Fla)	269(FC)(116.1)	315°,2.7	SBMRAZ-DTV	(4); 116.1
(A) Cross City AAF (Fla) (A)	1 SE; RR SW	42	50h L5	CLOSED.
DALE MABRY Tower (Fla)	281 (118.3,126.18)		C	(4); 126.18,118.3,122.5
(P) [Dale Mabry](Tallahassee,Fla)	3 W; RR S	70	52h L5 S4	80, 91 oct.
Darien (Ga)	0.8 SE;riv S	30	13 S1	Ltd 80 oct. Trees W.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
Daytona Beach (Fla)	2.8 SW;hwy S	34	41h L5 S6	80,91 oct. Ctc & rnwy lgts on req.
Faceville (Ga)	3.5 S	285	30h	
(P) Fernandina (Fla)	4 S;ocean E	16	50h	
Fitzgerald (Ga)	2 SSW;RR W,E	365	24	
(N) Flemings Island OLF (N)	17.5 SSW	23	40h L	B-2 lgts.(Jacksonv'l,Fla)
Folkston Int,37,MM-AG (Ga)	0.7 WNW;hwy E	82	20 L3 S1	80 oct. on req.
GLYNCO NAF Range (Ga)	520 (NEA)	239°,0.3	MRLWZ	
GLYNCO NAF Tower (Ga)	317 (142.74)		CN	3105,4495;142.74 (8-1630)
(N) Glynco NAF (LTA)(Ga)(N)	6.4 N Brunswick	25	35h L5 S4	91,100 oct. Hwy SE.
(A) Harris Neck AAF (Ga)(A)	7 E S.Newport	22	54h	CLOSED.
Hart (Jacksonville, Fla)	6.5 W;RR N	20	40 S6	80,91 oct.Trees sur fld.
Hawthorne (Fla)	1.2 SSE;RR W	120	24 S1	Ltd 80 oct.Trees S,W,NE
Herlong (Jacksonville, Fla)	10.5 WSW	87	40h S4	80,91 oct. No sto.
Homerville Flight Strip (Ga)	2.5 NW;hwy NE	185	40h	
JACKSONVILLE Range (Fla)	344 (JX)(116.1)	269°,1.7	SBRAZ-DTV	(3); 116.1, 122.1
JACKSONVILLE Tower (Fla)	278 (126.18,118.5)		AC (ILS)	(4);122.5,126.18,118.5
(P) Jacksonville (Fla)	6.3 N;RR W	52	70h L6 S4	80,91 oct.
JACKSONVILLE NAS Range (Fla)	365 (NIP)	89°,3.1	MRLZ	
JACKSONVILLE NAS Tower (Fla)	323 (126.18,142.74)		CN	(3); 126.18, 142.74
JACKSONVILLE NAS (Seaplane Tower) (Fla)	2870		CN	2870,3105 (avail.during working hrs. and on 1 hr's advance notice).
(N) Jacksonville NAS (Fla) (N)	7.2 S;riv E,N	20	60h L5 S6	91, 100 oct. NATS.
Jasper, 43, NO-JX (Fla)	3.5 SSE;RR NE	148	36 L3	Poles W. P-line NE.
John R. Alison (Gainesville, Fla)	4.5 NE;RR W	155	50h L5 S2	80,91 oct.Lgts prior req.
(P) Kay Larkin (Palatka, Fla)	3 WNW;RR N	56	50h L5 S1	91 oct.
(A) Keystone (Keystone Heights, Fla) (A)	4.5 NNW;RR W	192	50h	CLOSED.
(N) Lake Butler OLF (Fla) (N)	2 SSW;RR NW	131	60h L	
Lake City (Fla)	3.7 ESE;RR S	201	60h	
Lake Jackson (Tallahassee,Fla)	9 NNW;riv NW	250	30 S4	80 oct. No sto.
(A) Lake Park #2 (Valdosta,Ga)(A)	12.5 SSE;hwy N	220	45	TMP INACT,NO FACS.
LEE OLF G.C.A. (Fla)			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Springs, Fla) (N)	2.2 SE; riv N	22	51h	
Live Oak (Fla)	1 W;RR W	105	26 S1	80 oct.P-line N,NE,SW.
MAYPORT CGAS (Fla)				DECOMMISSIONED.
(CG) Mayport CGAS (Fla) (CG)	0.6 NNE;riv N	19	43h	INACTIVE.
(N) Middleburg OLF (Fla) (N)	3 NNE;rds E,SE	34	32	
(A) Montbrook AAF (Williston,Fla)	3.2 SSW;hwy E	70	70h	CLOSED. (A)
Monticello (Fla)	1.5 SW;hwy E	160	25	
(A) Moody (Valdosta,Ga) (A)	11.5 NNE;RR W	233	50h	TMP INACT,NO FACS.
(A) Moultrie (Ga) (A)	7 S;hwy NW	287	40h	CLOSED.
Nashville (Ga)	1.3 ENE;RR S	236	16 S6	80 oct,
Northside (Moultrie, Ga)	3.2 NNW;RR W	300	30 S4	80 oct, No sto.
Perry (Fla)	2 S;RR E	45	50h S2	80, 91 oct.
Pierson Memorial (Fla)	0.5 N;hwy ,RR W	70	21	
Quincy (Fla)	1.5 NE;RR S	212	35 S1	80 oct.
(A) Rocky Ford #1 (Valdosta,Ga)	16 SW;hwy N	220	50h	CLOSED. (A)
St. Augustine (Fla)	4 NNW;hwy W	10	42h S1	80, 91 oct.,
St. Marys (Ga)	1.7 NNW;hwy S	24	50h	
ST. SIMONS ISLAND NAS Tower (Ga)	281 (140.58, 142.74)		CN	(3);142.74,140.58 (630-24)
(N) St. Simons Island NAS (Ga)(N)	6 E Brunswick	19	41h L5 S4	100 oct,No sto.Lgts on req Trees NE,SW.
Sawyer (Palatka, Fla)	2.6 S;RR SE	60	25	Trees N,E,S.
(P) South Georgia College (Douglas, Ga)	1.3 S;RR W	225	60	
Spence (Moultrie, Ga)	5 SE;hwy W	292	50h S6	80, 91 oct.
Stengel (Gainesville, Fla)	4 WSW;RR SE	70	38 S6	80 oct. Trees sur fld.
(N) Switzerland OLF (Fla) (N)	1.5 SE	31	40h	
TALLAHASSEE Rng(Dale Mabry)	335 (TJ)(116.1)	85°,2.7	SBRAZ-DTV	(3); 116.1, 122.1 (Fla)
(P) Taylor (Ocala, Fla)	1 SW;RR NE	72	40h L3 S6	80,91 oct.Lgts and ngt repairs prior req.
Tennile (Fla)	2.2 SSW;rd E	35	20	Trees SW.
(A) Thomasville AAF (Ga) (A)	8.5 ENE;hwy S	264	50h	CLOSED.
Thomasville com. (Ga)	1 SW;RR N	250	42 S4	80 oct. Trees sur fld.
Three "B" (Fitzgerald,Ga)	1.5 N	515	27 S1	80 oct.
Tifton Mun. (Ga)	2.3 SE;hwy W	343	50h L5 S4	80,91 oct. Lgts prior req
Tomoka (Daytona Beach,Fla)	7.8 NW	29	40h	
(A) Turner (Albany, Ga) (A)	3.8 ENE;riv N	215	76h	TMP INACT,NO FACS.
(A) Turner #1 (Albany, Ga)(A)	15 NE	285	45	CLOSED.
(A) Vada (Ga) (A)	3 NE	140	30h	CLOSED.
Valdosta (Ga)	2.5 S;hwy E	215	56h S1	80 oct.
(A) Waycross AAF (Ga) (A)	4 NW;hwy E	141	50h	CLOSED.
(N) Whitehouse OLF (Jacksonville, Fla) (N)	13 W; RR S	102	40h L	B-2 lgts.
Williams (Jacksonville, Fla)	3.3 WNW;RR E	25	31 S6	80 oct.No sto.P-line E. Data unver.
Witt (Lake City, Fla)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

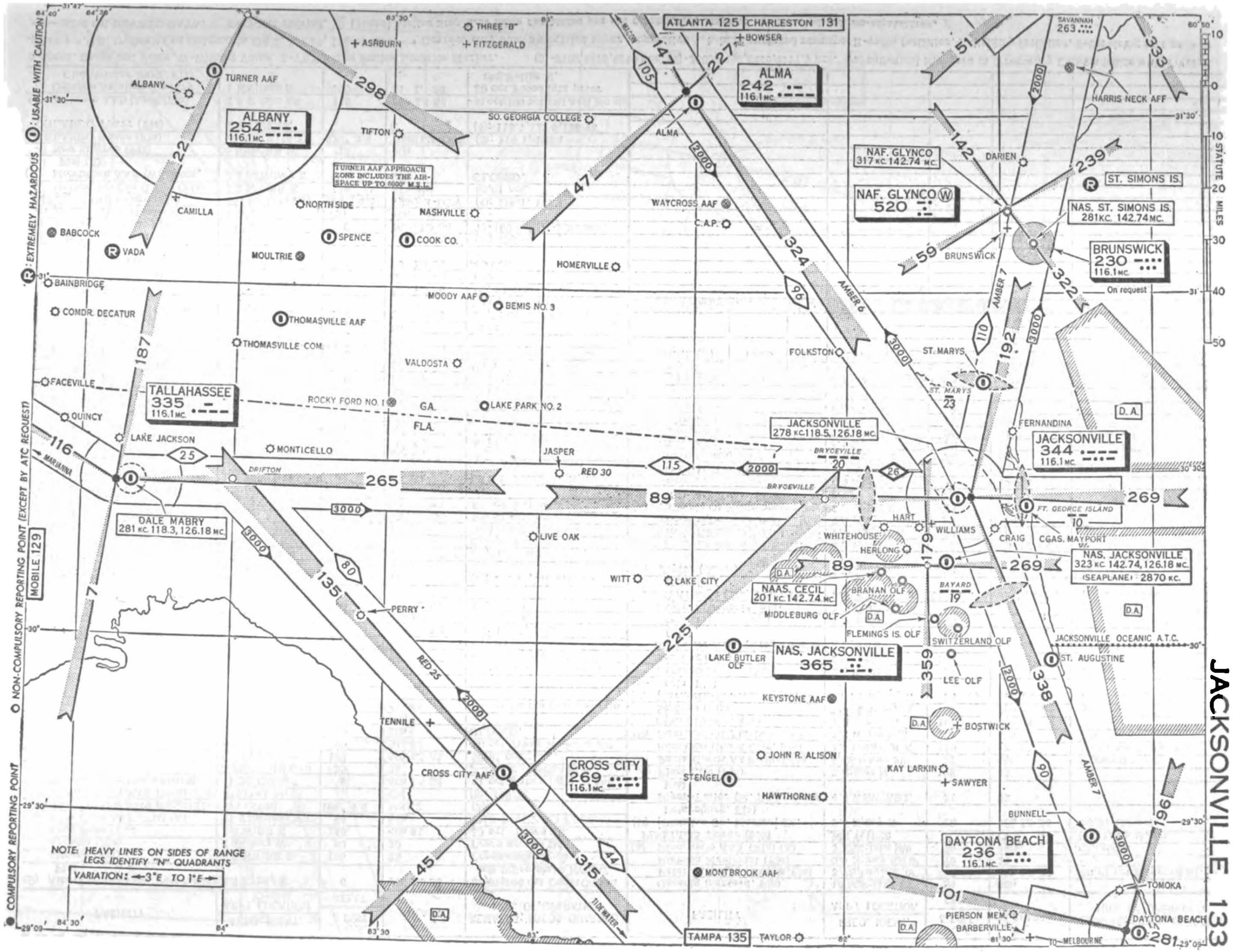
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
JACKSONVILLE	110.3 •−•−•	335	44°	IM-	MM- •−•−(0.66)	OM- −−(4.60)
					MMK-209 −•−•−	OMK-251 −•−•
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page iv)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop U.S. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ATLANTA 125 CHARLESTON 131
ALBANY 254 116.1 MC.
ALMA 242 116.1 MC.
TALLAHASSEE 335 116.1 MC.
CROSS CITY 269 116.1 MC.
NAS. JACKSONVILLE 365
JACKSONVILLE 278 KC. 118.5, 126.18 MC.
JACKSONVILLE 344 116.1 MC.
NAF. GLYNCO 317 KC. 142.74 MC.
NAF. GLYNCO (W) 520
BRUNSWICK 230 116.1 MC.
NAS. ST. SIMONS IS. 281 KC. 142.74 MC.
NAS. JACKSONVILLE 323 KC. 142.74, 126.18 MC. (SEAPLANE) 2870 KC.
NAAS. CECIL 201 KC. 142.74 MC.
DAYTONA BEACH 236 116.1 MC.
TAMPA 135
DALE MABRY 281 KC. 118.3, 126.18 MC.
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 6000' M.S.L.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 3°E TO 1°E
O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
MOBILE 129
JACKSONVILLE 133
10 STATUTE MILES
ALBANY
TURNER AAF
THREE "B"
ASHBURN
FITZGERALD
SO. GEORGIA COLLEGE
TIFTON
CAMILLA
NORTH SIDE
NASHVILLE
BABCOCK
VADA
SPENCE
COOK CO.
MOULTRIE
BAINBRIDGE
COMDR. DECATUR
THOMASVILLE AAF
THOMASVILLE COM.
MOODY AAF
BEMIS NO. 3
HOMERVILLE
VALDOSTA
FACEVILLE
QUINCY
LAKE JACKSON
MONTICELLO
ROCKY FORD NO. 1
LAKE PARK NO. 2
GA.
FLA.
JASPER
RED 30
DRIFTON
MARIANNA
LIVE OAK
WITT
LAKE CITY
PERRY
TENNILE
CROSS CITY AAF
MONTBROOK AAF
STENGEL
HAWTHORNE
JOHN R. ALISON
KAY LARKIN
SAWYER
KEYSTONE AAF
BOSTWICK
LEE OLF
SWITZERLAND OLF
FLEMINGS IS. OLF
BRANAN OLF
MIDDLEBURG OLF
LAKE BUTLER OLF
HERLONG
WHITEHOUSE
HART
WILLIAMS
CRAIG
CGAS. MAYPORT
FT. GEORGE ISLAND
BRYCEVILLE
FOLKSTON
ST. MARYS
FERNANDINA
HARRIS NECK AFF
DARIEN
BRUNSWICK
WAYCROSS AAF
C.A.P.
ALMA
BOWSER
SAVANNAH 263
JACKSONVILLE OCEANIC A.T.C.
ST. AUGUSTINE
BUNNELL
TOMOKA
DAYTONA BEACH
PIERSON MEM.
BARBERVILLE
TO MELBOURNE
TAYLOR
On request
D.A.
AMBER 6
AMBER 7
RED 25
MACON
147
227
105
47
298
22
324
96
51
333
142
239
59
322
110
192
187
7
116
25
265
89
115
20
26
269
10
179
80
135
225
359
338
90
196
45
315
44
101
2000
3000

TAMPA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Whitted (St. Petersburg, Fla)	2.5 E; bay E	6	33h L3 S6	80,91,100 oct Coast Gd Stn adj Poles,stack NW,SW.
Altoona (Fla)	0.6 NW;RR E	155	25	Trees ends strips
Arcadia (Fla)	2 SE;hwy W	60	30	Trees around fld
Avon Park (Fla)	1.5 W;RR E	156	40h S1	80 oct. Trees SE.
(A) Avon Park AAF (Fla) (A)	11 ENE;lake NW	65	54h	TMP INACT NO FACS.
BANANA RIVER Navy Range(Fla)	524 (NPB)	106°,4.6	MRLZ	(3)
BANANA RIVER NAS Tower(Fla)	224 (142.74)		CN	(3); 142.74
(N) Banana River NAS (Fla)(N)	11 SE Cocoa	9	40h L5 S6	91 oct No bcn Lgts on req.
Barberville (Fla)	1 SE;bet RR & rd	25	25	P-line E. UNUSABLE.
Bartow (Fla)	5.5 NE;RR NW	128	50h L5 S2	80,91 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct.Trees W.Poles SW.
(A) Brooksville AAF (Fla) (A)	7.5 SW;hwy E	70	70h	CLOSED.
Bunnell (Fla)	3.3 E	34	50h	
Cannon Mills (Orlando,Fla)	3.8 E;hwy N	105	41 S6	80 oct.No sto.Poles sur fld
Carlstrom (Arcadia, Fla)	7 SSE;hwy N	56	53	
Cedar Keys (Fla) (NC)	1 W;bay S	6	24h	
Clearwater (Fla)	2.5 NE;hwy S	73	30 S6	80 oct. No sto.Trees W.
Cocoa (Fla)	1 N;RR E	20	26 L1	P-line E;trees S,W.
(A) Conners (Okeechobee,Fla)(A)	2.5 NW;RR S	34	50h	CLOSED.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) Daytona Beach (Fla)	2.8 SW;hwy S	34	41h L5 S6	80, 91 oct.
Deland (Fla)	2.5 NNE;hwy S	80	60h L5 S1	.87, 91 oct.
Dorr (Arcadia, Fla)	11.5 E;hwy N	74	53	
DREW Tower (Fla)	278 (126.18, 118.5)		AC	(4); 126.18,118.5,122.5
(P) [Drew] (Tampa, Fla)	5 W;bay SW	26	70h L5 S6	80,91 oct.Rdo rec rqrd.
(A) Dunnellon AAF (Fla) (A)	4.5 E;hwy S	66	50h	CLOSED.
Ellenton (Fla)	1.5 NNW;RR N	18	15	P-line NE;trees SW.
→ Fette Aircraft Service (Fla)	2 S;RR E	19	50h L S6	80, 91 oct. No bcn.
Fort Pierce, com. (Fla)	3.3 SSE;RR E	18	26 L1 S6	80 oct. P-line W.
(P) Fort Pierce, mun. (Fla)	3.5 NW;hwy E	24	50h	
Frank D. Waterman (Eustis, Fla)	0.9 SSW;lake NNW	81	23 S1	80 oct. Poles SW,N,W.
Gilbert (Winter Haven, Fla)	3.5 NNW;lake W,E	135	40h S6	80, 91 oct.
Gray's (Leesburg, Fla)	5 N;RR,hwy W	130	27 S6	80 oct. Orange groves W.
Haines City (Fla)	1 NW	175	20 L1	
(P) Hendricks (Sebring, Fla)	6.5 ESE;RR N	62	50h	
Hidden Acres (Clarcona,Fla)	1.5 WNW;lake W	93	25 S6	80 oct. Trees E.
(A) Hillsborough AAF (Tampa,Fla)	7 NNE	67	50h	CLOSED (A)
Hoequist (Orlando, Fla)	3.8 SW;bet lakes	90	20 S4	80 oct. No sto.Trees E.
Honeymoon Island (Dunedin)	2.5 W		30	Data unver. (Fla)
Kerlin (Minneola, Fla)	0.5 NE	100	18 S2	80 oct.
(P) Kissimmee (Fla)	2 W; RR N	65	50h	
(A) Lakeland AAF (Fla)(A)	4.5 SW;RR NE	142	50h	CLOSED.
[Lakeland Mun. #1] (Fla)	2.1 N;lake E	159	35h L5 S6	80,91 oct.Ctc lgts on prior req. till 2400.
Lake Wales (Fla)	2.3 WSW;RR N	225	40h L3 S6	80, 91 oct.
(A) Leesburg AAF (Fla) (A)	4 ENE;RR SE	67	50h	CLOSED.
Ludwig Sky Harbor (St.Petersburg, Fla)	6 NE;bay E	14	33 L1 S6	80 oct.
MAC DILL Tower (Fla)	227 (126.18)+		CA (ILS-W)	(3); 126.18
(A) MacDill (Tampa, Fla) (A)	8 SSW;bay NE	9	100h L5 S6	73-100 oct.JP-1 No sto.
(N) Malabar OLF (Fla) (N)	7 WNW	27	40h	
MELBOURNE Range (Fla)	257 (OU)(116.1)	158°, 2.3	SBRAZ-DTV	(4); 116.1, 122.1
Melbourne-Eau Gallie (Fla)	2.2 NW;RR E	26	43h S4	80,91 oct.
(A) Montbrook AAF (Williston, Fla) (A)	3.2 SSW;hwy E	70	70h	CLOSED.
New Smyrna (Fla)	3 NNW;RR W	12	50h	
ORLANDO Range (Fla)	206(OR)(116.1)	220°,3.4	BMRLZ-DTV	(3); 116.1, 122.1
ORLANDO Tower (Fla)	278 (126.18, 118.7)+		C	(4); 118.7,122.5,126.18
(A) Orlando AAB (Arpt)(Fla)	2.5 E;lake SE	115	55h L5 S6	91 oct;100 oct,mil acft.No sto
Orlando Aviation Country Club (Winter Park, Fla)	1 NW;lake S	100	21 L S6	80 oct.Flood lgts prior req.P-line N.
Osceola (Sanford, Fla)	10 SSE;lake SE	25	40h	
Peter O.Knight (Tampa,Fla)	3.7S;bay S,E,W	8	40h L5 S6	80,91 oct.Shipyard NE.
Pierson Memorial (Fla)	0.5 N;hwy,RR W	70	21	
(A) Pinecastle AAF (Fla) (A)	3 ESE;lake NW	95	100h	CLOSED.
PINELLAS Tower (Fla)	317 (118.3)		CI	(4); 122.5 (8-24)
(P) [Pinellas Co. Master] (St. Petersburg, Fla)	9.5 N;bay N	12	50h L5 S6	80,91,100 oct.
Piper-Fuller (St. Petersburg, Fla)	4.8 WNW;RR E	21	32	
Plant City (Fla)	3 E; hwy N	172	53	
(A) Punta Gorda AAF (Fla) (A)	5 ESE; hwy SW	22	50h	CLOSED.
Robinson (Plant City, Fla)	1.5 WSW;RR E	110	18 S1	80,91 oct.P-line ESE.
(N) Roseland OLF (Sebastian,Fla)	1.7 W;riv N,E	23	40h	(N)
Ryan (Apopka, Fla)	1 N;lake NW	104	28 S6	80 oct.
Sanford (Fla)	2.5 SE;lake N,S	57	60h S6	80, 91 oct.
(P) [Sarasota-Bradenton] (Sarasota, Fla) →	3.5 NNW;hwy W	24	50h L5 S6	80,91 oct. Fld lgts prior req.
Sarasota, com. (Fla)	2.5 E;RR S	25	28 S1	80 oct.
Sebring (Fla)	4 SW;lake NE	200	20 S1	80 oct.Pwr line SW.
Showalter Arpk (Winter Park) (Fla)	2 E;RR S		25 S4	80 oct.No sto.Data unver.
Skyland (Lakeland, Fla)	1.9 WNW;RR S	170	23 S6	80 oct.No sto.Trees S.
Skyport (Dunedin, Fla)	1.5 N;RR E	4	26 S6	80 oct.No sto.P-line NE.
TAMPA Range (Fla)(Peter O. Knight)	388(TM)(116.1)	55°, 2.7	SBRAZ-DTV	(4); 116.1, 122.1
(P) Taylor (Ocala)	1 SW;RR NE	72	40h L3 S6	80,91 oct.Lgts and ngt repairs on prior req.
(P) Titusville-Cocoa(Titusville)	6 S;riv E	35	50h L5 S6	80 oct. (Fla)
* Titusville Int,20,MM-AG(Fla)	1.3 NW;RR E	28	28 L3	
Tomoka (Daytona Beach, Fla)	7.8 NW	29	40h	
(N) Valkaria OLF (Melbourne,Fla) (N)	8 SSE;RR E	26	40h	
Venice, mun. (Fla)	0.5 SE;RR E	20	36 S2	80 oct.
VERO BEACH H Fac. (Fla)	242(VB)(116.1)		MHTV	(4); 116.1
[Vero Beach] (Fla)	1 NW;RR E	24	65h	
Wauchula (Fla)	2.1 E;riv W	120	21	Trees N,E,NE
Wimauma (Fla)	0.8 ESE;RR W	35	36	Cattle on fld. Bldg W
(P) Witham (Stuart, Fla)	1.5 SE;RR SW	17	50h S1	
(P) Zephyrhills (Fla)	1.5 ESE;RR W	92	50h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

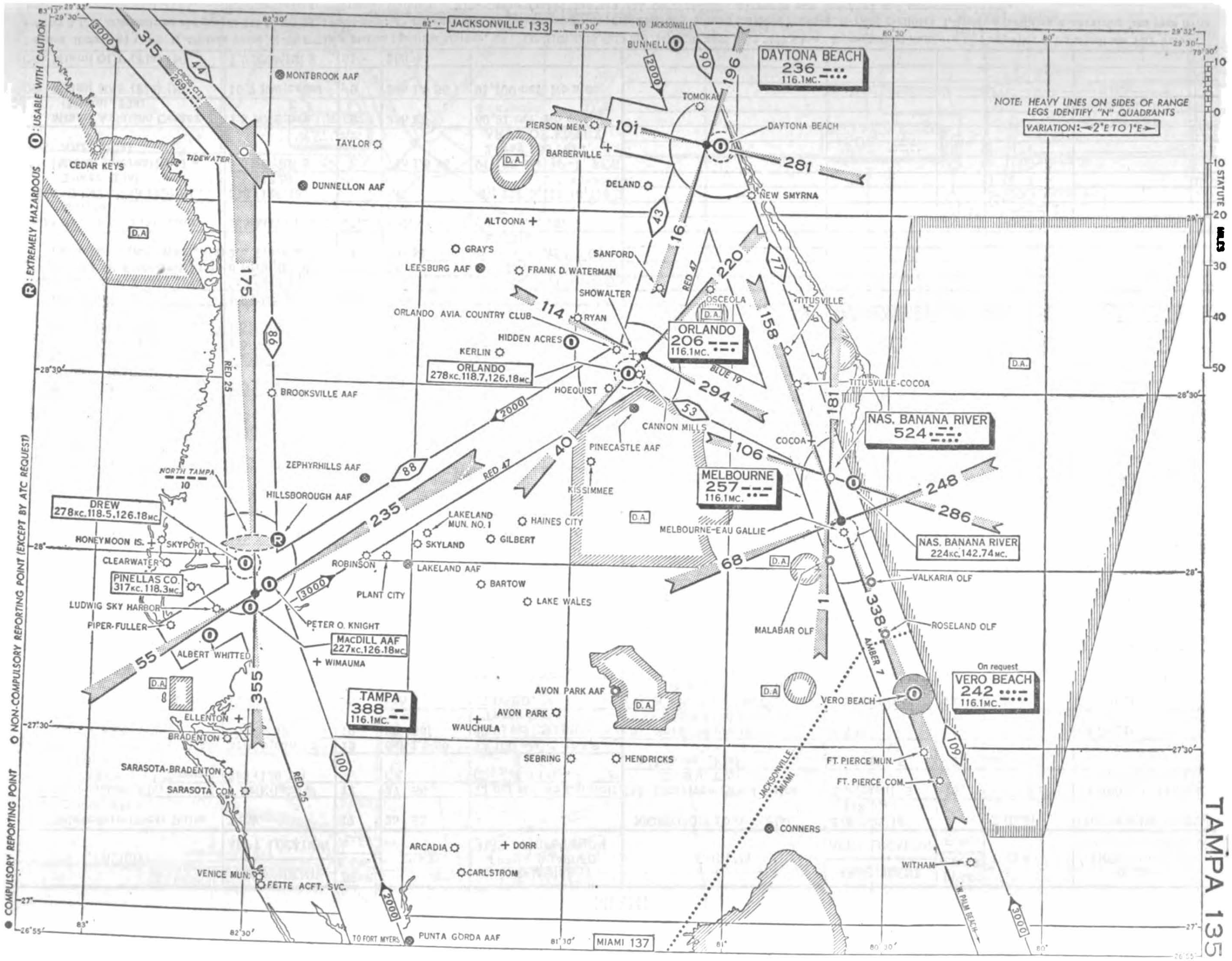
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MacDILL (A)	110.3	335	217°	IM- (0.07)	MM- ·····(1.09)	OM- ——(5.03)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page iv)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop U.S. Radio facilities are all CAPITALIZED. Airports are underlined and non-capitalized.


JACKSONVILLE 133
TO JACKSONVILLE
BUNNELL
DAYTONA BEACH
236
116.1MC.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
MONTBROOK AAF
TOMOKA
PIERSON MEM.
DAYTONA BEACH
TAYLOR
BARBERVILLE
CEDAR KEYS
TIDEWATER
DUNNELLON AAF
DELAND
NEW SMYRNA
ALTOONA
GRAY'S
SANFORD
LEESBURG AAF
FRANK D. WATERMAN
SHOWALTER
OSCEOLA
TITUSVILLE
ORLANDO AVIA. COUNTRY CLUB
RYAN
ORLANDO
206
116.1MC.
HIDDEN ACRES
KERLIN
ORLANDO
278KC.118.7,126.18MC.
BLUE 19
HOEQUIST
BROOKSVILLE AAF
TITUSVILLE-COCOA
CANNON MILLS
NAS. BANANA RIVER
524
PINECASTLE AAF
COCOA
ZEPHYRHILLS AAF
NORTH TAMPA
10
MELBOURNE
257
116.1MC.
HILLSBOROUGH AAF
DREW
278KC.118.5,126.18MC.
KISSIMMEE
LAKELAND MUN. NO. 1
HAINES CITY
MELBOURNE-EAU GALLIE
NAS. BANANA RIVER
224KC.142.74MC.
HONEYMOON IS.
SKYPORT
SKYLAND
GILBERT
CLEARWATER
ROBINSON
LAKELAND AAF
PINELLAS CO.
317KC.118.3MC.
PLANT CITY
BARTOW
VALKARIA OLF
LUDWIG SKY HARBOR
LAKE WALES
PIPER-FULLER
PETER O. KNIGHT
MALABAR OLF
ROSELAND OLF
ALBERT WHITTED
MACDILL AAF
227KC.126.18MC.
WIMAUMA
On request
VERO BEACH
242
116.1MC.
TAMPA
388
116.1MC.
AVON PARK AAF
AVON PARK
VERO BEACH
ELLENTON
WAUCHULA
BRADENTON
SEBRING
HENDRICKS
FT. PIERCE MUN.
SARASOTA-BRADENTON
FT. PIERCE COM.
SARASOTA COM.
CONNERS
ARCADIA
DORR
WITHAM
VENICE MUN.
CARLSTROM
FETTE ACFT. SVC.
PUNTA GORDA AAF
TO FORT MYERS
MIAMI 137
D.A.
RED 47
RED 25
AMBER 1
JACKSONVILLE MIAMI
W. PALM BEACH
STATUTE MILES
TAMPA 135
O : USABLE WITH CAUTION
R : EXTREMELY HAZARDOUS
O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT

MIAMI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Belevedere (West Palm Beach, Fla.)	2 SW	17	25 S5	
Belle Glade (Fla)	1 NNE;lake W	17	27 S6	73 oct.No sto.Lgt acft.
BOCA RATON AAF Tower (Fla)	396 (126.18)		CA	(3); 126.18 (6-24)
(A) Boca Raton AAF (Fla)(A)	2 NNW;canal E	13	64h L5 S6	73,100 oct. Twr SE.
Brown (Miami, Fla)	10 SW;RR NW	10	20 S6	80,91 oct. No sto Trees E.
(A) Buckingham AAF (Fort Myers, Fla) (A)	10 E;riv SW	25	54h	CLOSED.
Chapman (Miami, Fla)	11.5 SSW	3	40 S6	80,91 oct. No sto. Pwr line W. RR W.
Clewiston (Fla)	1.6 SW;RR N	19	30 S6	80 oct. P-line N,E,S, W.
(N) Forman OLF (Fort Lauderdale, Fla)(N)	6.5 WSW	7	32h	INACTIVE
Fort Lauderdale (Fla)	5.3 NNW	14	40h	Trees sur fld.
(N) Fort Lauderdale NAS (Fla) (N)	3.5 SSW;RR W	10	50h S1	100 oct. Fld avail. week-days prior req
FORT MYERS Range (Fla) (Page)	341(FM)(116.1)	38°,3.6	SBRAZ-DTV	(4); 116.1
Homestead, mun. (Fla)	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Airfield (Fla) (A)	1.3 ENE;RR W	20	50h	CLOSED.
★ Immokalee Int, 13, TM-MM (Fla)	5.25 SE;RR SW	23	38 L2	
KEY WEST Range (Fla)	332(KW)(116.1)	70°,5.8	SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower (Fla)	396 (142.74)		CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane) Tower (Fla) (NC)	272 (142.74)		CN	3105;142.74 (prior req.)
(N) Key West NAS (Fla)(N)	7 ENE	5	70h L5 S4	91,100 oct.No sto.
Lake Worth (Fla)	2 W;hwy N	12	28 S1	80 oct.
MacArthur (Hollywood, Fla)	1 SW;RR E	12	28h S4	80,91 oct. No sto. Trees SE.
Marathon (Fla)	1.8 ENE;hwy S	6	100h	
MASTER OLF Tower (Fla)	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master OLF (Miami,Fla)	8 NNW;RR W	9	74h L5	Pwr line SE. (N)
[Meacham] (Key West,Fla)	2.3 E;ocean S	4	40h S1	80,91 oct. ARPT OF ENTRY.
MIAMI Range (Fla) (International)	365(MM)(116.1)	270°,2.3	SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL Tower (Fla)	278 (126.18, 118.5)		AC	(4); 122.5,126.18,118.3
(A) [Miami International - AAF] (Fla)	5.5 NW;RR S	9	74h L5 S6	91,100 oct. JP-1. FEE 2-way rdo rqrd. ARPT OF ENTRY.
Miami Aviation Center (Miami, Fla)	7.5 NNE;bay E	8	25h S6	80,91 oct. No sto.
(N) Miami NAS (Fla) (N)	10.7 NW;canal N	9	60h L5 S6	91,100 oct. No sto.
(N) Miami OLF (Fla) (N)	7.9 NNW;RR E	91	36h	
MORRISON Tower (Fla)	278 (126.18, 118.9)+		C (ILS)	(4);118.9,126.18,122.5
(A) Morrison (West Palm Beach, Fla) (A)	2 W;canal S	15	70h L5 S5	73-100 oct. FOREIGN CLEARING STN.
Naples (Fla)	2 NE;RRs E, W	8	50h	
(N) North Perry OLF (Hollywood,Fla)(N)	6.3 W	9	32h	CLOSED.
(N) North Pompano OLF (Pompano, Fla)(N)	1.5 NE;RR W	21	40h	CLOSED.
(P) [Page] (Ft. Myers,Fla)	4 S;RR SE	18	51h L5 S6	80,91 oct. Ground traffic.
Palm Beach County Park (Lantana, Fla)	2 WNW;lake N, E	16	35h L5 S6	91 oct. Fld lgts on prior req.after 2300
Punta Gorda, mun. (Fla)	3 SSE;hwy E	4	24	
(N) Richmond NAS (LTA)(Fla)	15 SW Miami	13	20h	INACTIVE. (N)
(P) Riddle (Clewiston,Fla)	7.6 W;hwy N			ABANDONED.
(P) South Dade County (Homestead, Fla)	5 E	8	60h L5 S6	87,91 oct. No sto.
Sunny South (Miami,Fla)	6 N;hwy N	12	40 S6	80,91 oct. No sto. Rnwy data unver.
Tamiami (Miami, Fla)	12 W		35h S4	80,91 oct. No sto. Data unver.
WEST PALM BEACH Range (Fla) (Morrison)	209 (DWZ) (116.1)	89°,2.4	BMRAZ-DTV	(3); 116.1, 122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

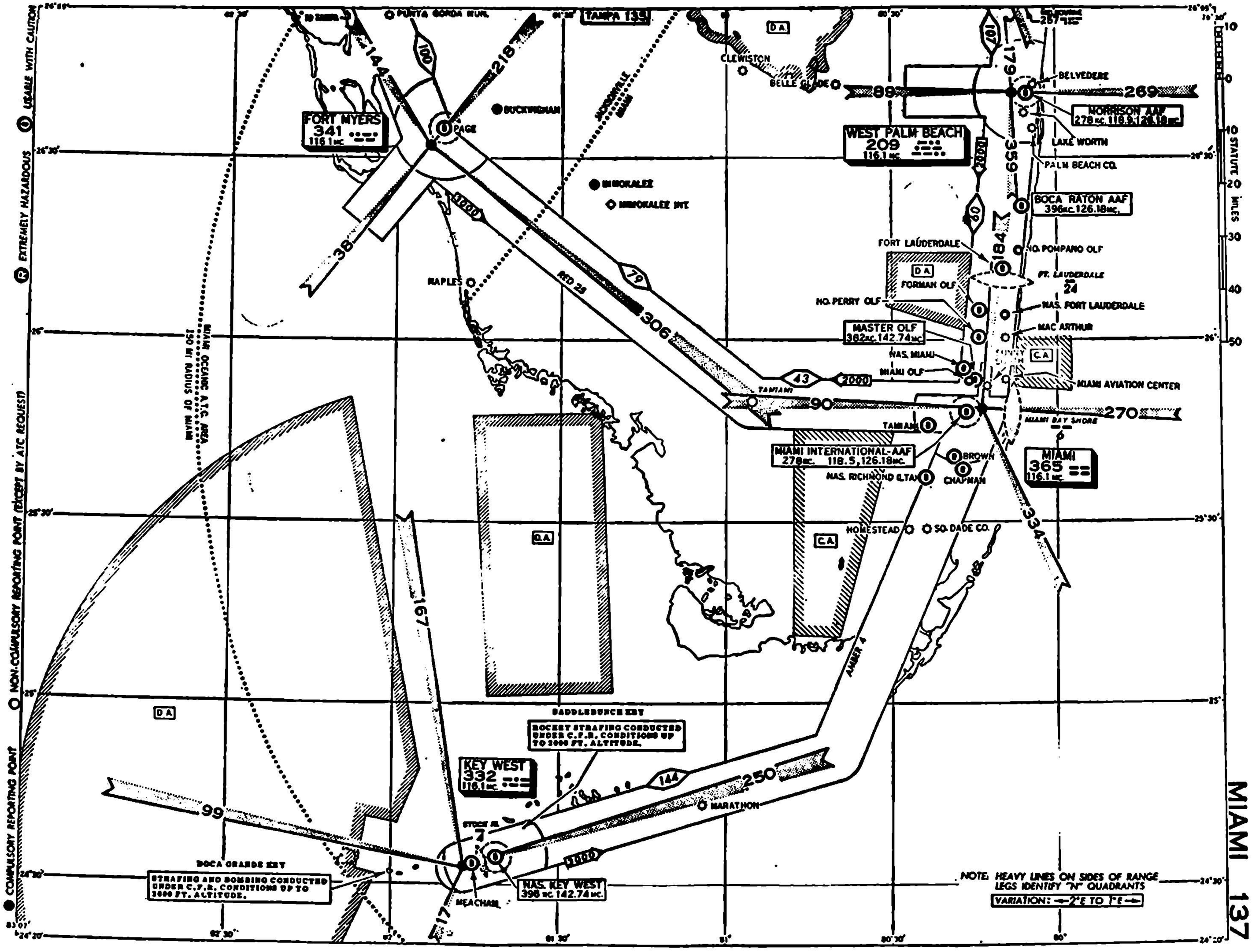
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MORRISON (A)	110.3	335	90°	IM-	MM- ·····(0.61)	OM- ——(4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page 7)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


TAMPA 135
PUNTA GORDA NUR
CLEWISTON
BELLE GLADE
FORT MYERS
341
116.1mc
PAGE
BUCKINGHAM
IMMOKALEE
IMMOKALEE INT
NAPLES
WEST PALM BEACH
209
116.1mc
BELVEDERE
MORRISON AAF
279mc 118.5 126.18mc
LAKE WORTH
PALM BEACH CO.
BOCA RATON AAF
396mc 126.18mc
FORT LAUDERDALE
NO. POMPANO OLF
FT. LAUDERDALE
NAS. FORT LAUDERDALE
MAC ARTHUR
FORMAN OLF
NO. PERRY OLF
MASTER OLF
382mc 142.74mc
NAS. MIAMI
MIAMI OLF
MIAMI AVIATION CENTER
TAMIAMI
MIAMI BAY SHORE
MIAMI INTERNATIONAL-AAF
278mc 118.5, 126.18mc
BROWN
CHAPMAN
NAS. RICHMOND (LTA)
MIAMI
365
116.1mc
HOMESTEAD
SO. DADE CO.
MIAMI OCEANIC A.T.C. AREA
150 MI RADIUS OF MIAMI
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (RECEIPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
BADDLEDUNCE KEY
ROCKET STRAFING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 2000 FT. ALTITUDE.
KEY WEST
332
116.1mc
BOCA GRANDE KEY
STRAFING AND BOMBING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 3000 FT. ALTITUDE.
NAS. KEY WEST
398 mc 142.74 mc.
MEACHAM
MARATHON
STOCK I.
AMBER 1
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
MIAMI 137

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMK;276°,10.5	Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMK; 77°, 11	Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN	3105,4495;126.18,142.74
GLENDALE	371 (S)	K; 97°, 7.3	Burbank
GRAND CENTRAL (Glendale)	201	CI	(4); 122.5 (8-sunset)
→ HAWTHORNE NORTHROP	396 (126.18)	CI	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
→ LONG BEACH	233(HB)(116.1,111.1)	SBMRLZ-DTV	(3);116.1,122.1
Long Beach Airport	347(126.18,118.5)	AC; 298°, 3.9	(4);122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317(142.74)	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(116.1) (111.1)	SBRAZ-DTXV ;244°,3.8	(3); 116.1,122.1
Los Angeles Airport	272(126.18,118.9)	AC(ILS-W)	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR; 88°, 2.0	
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV;317°,0.1	(4); 116.1
ONTARIO AIRPORT	219(126.18,116.1)	CI	(4);126.18,116.1,122.5 (8-18)
SANTA ANA (Navy)	472(NTK)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req.
SANTA MONICA AIRPORT	353(126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	(3); 142.74 (flying hours)
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (8-1530 Mon-Fri. except holidays)

COLORADO

AURORA LFM	(- - -)	LFM; 155°, 9.5	Denver
DENVER (Stapleton Airfield)	379(DV)(111.1) (116.1)	SBMRAZ-DTXV,155°, 2.4	(3); 131.7,116.1
DENVER (Stapleton Airfld)	109.1(DV)(111.1, 116.1)	VAR-DTXV;211°, 9.7	(3);131.7,116.1
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
LOWRY FIELD (Denver)	396(126.18) +	CA	(3); 126.18
→ SKY RANCH ARPT (Denver)	296	CI	(3) (8-17)
STAPLETON AIRFLD (Denver)	278(126.18,118.7)	AC (ILS)	(4); 122.5,126.18,118.7
WATKINS FM	(- -)	FM, 59°, 14.8	Denver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOS ANGELES,	109.9	333.8	247° Mag.	IM-	MM-	OM- (2.45)
					MMK-	OMK-
STAPLETON	110.3 ..--	335	206° Mag.	IM-	MM- .--- (0.65)	OM- -- (4.19)
					MMK-335 .--- (0.65)	OMK-359 -... (4.19)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 148.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys S,E	1010	26 S6	80 oct. Fence W.
Cable-Claremont	1.8 ENE;RR E	1400	30h S4	80,91 oct.
Cal Aero (Ontario)	5 SSE;hwy W	625	47h	Restricted to W.A.A.
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct.Rdo & instr rprs.Rnwy data unver.
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct.No sto.P-lines NE.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct.P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA.

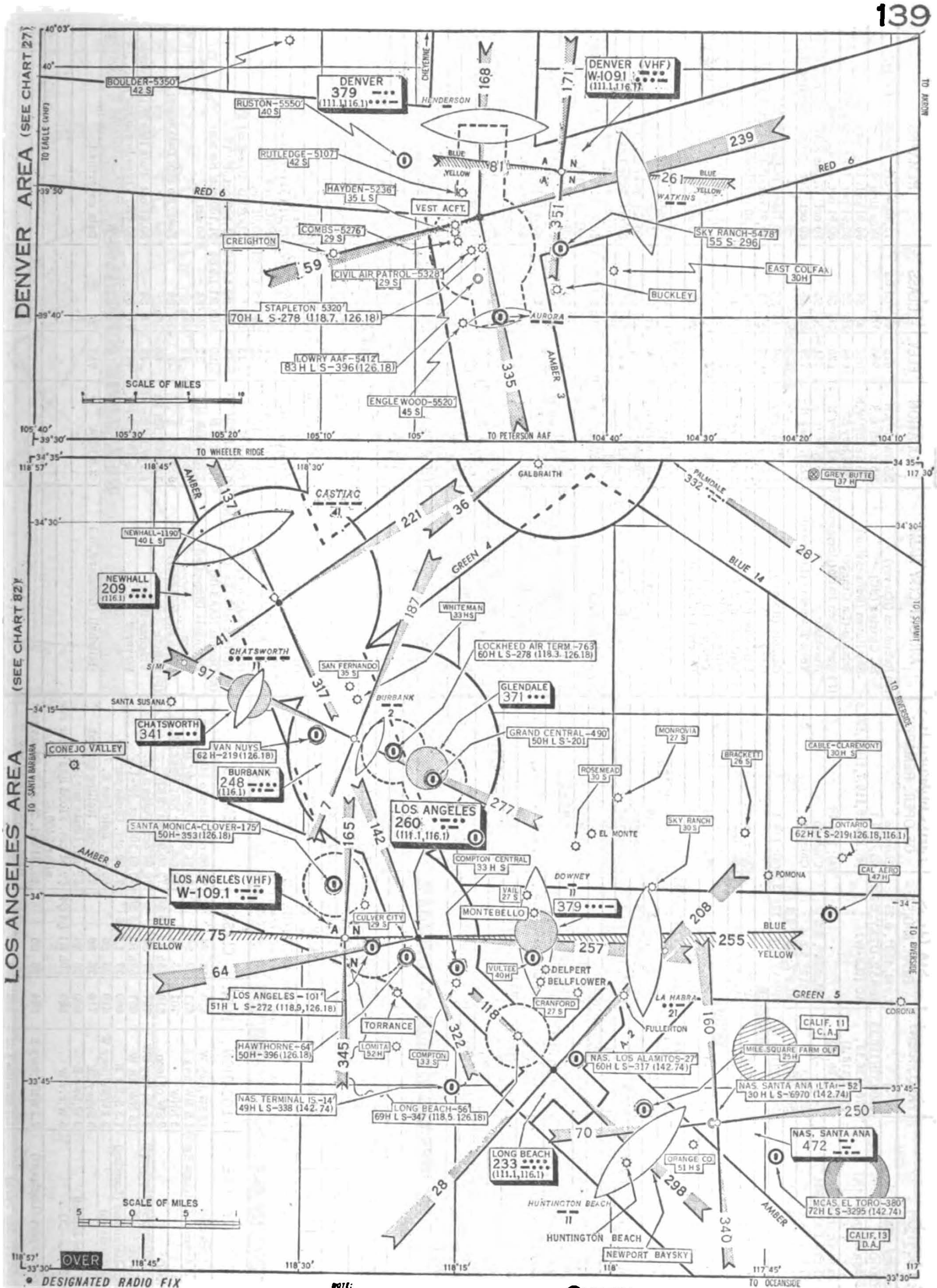
CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	21 S6	80 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana)(N)	6 SE,RR,hwy W	380	72h R1 L5 S4	100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct.Bet RR & river.
(A) Grey Butte (Victorville) (A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54	17h	
→ Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. Closed to Public.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(NG) LOCKHEED AIR TERM. (Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91 oct;100 oct Army. No sto. Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	100 oct. No sto.
(N) Los Alamitos NAS (Long Beach)	6 E; hwy N	27	60h R1 L5 S4	80,100 oct. NATS
(P) Los Angeles (N)	9.5 SW;RR E	101	51h R3 L6 S6	91,100 oct. Rdo rqrd.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
Monrovia (N)	0.5 SE;RR S	500	27 S6	80,91 oct.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int, 3A, LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
(P) Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	45	51h S6	80-100 oct.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;riv S	775	20 S6	80 oct.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. No sto.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	52	30h R2 L4 S4	91,100 oct. No sto. Rnwy data unver.
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No bcn. Lgts prior req.
Santa Susana	0.5 S;RR N	955	19 S6	73 oct. No sto. Pwrline W.
Sky Ranch (Puente)	1.3 E;RR S	402	30 S4	80 oct. No sto.
(N) Terminal Isl. NAS (San Pedro)(N)	2 ENE	14	49h R1 L6 S4	80,100 oct
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5-E;RR SW	175	27 L S6	80,91 oct. Port rnwy lgts. Rdo rprs.
(NG) Van Nuys Metropolitan	2.8 NW;RR N	800	62h R1	
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW. RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct. Pole line NNW,NE,SW.

COLORADO

(P) Boulder	3 ENE;RR NW,S	5350	42 S5	80,91 oct. Bldg N.
(NG) BUCKLEY (NAS) (Denver)	12.5 ESE	5642	80h *	
Civil Air Patrol (Denver)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Combs (Denver)	3 NE;RR N	5276	29 S6	80,91 oct. Pole line N,S.
Creighton (Golden)	4 E;lake E	5600	30 S1	80 oct. NW blocked.
East Colfax (Watkins)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N, NW.
Englewood	6.8 SSE;hwy S	5520	45 S6	80,91 oct.
(A) Lowry (Denver) (A)	5.3 ESE	5412	83h R1 L5 S6	91,100 oct. JP-1. Rnwy data unver.
Ruston (Denver)	10 NNW;hwy W	5550	40 S6	80,91 oct. P-line NE,SW. E,W, blocked.
Rutledge (Dupont)	1 S;bet RR,hwy	5107	42 S6	80 oct. Pole lines sur fld.
Sky Ranch (Denver)	12.6 E;RR S	5478	55 R1 S6	73,80,91 oct.
STAPLETON (Denver)	5 ENE;RR N	5320	70h R3 L6 S6	80,91,100 oct.
Vest Acft Co. (Denver)	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.

NEW AIRPORTS



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES OR SIDES OF RANGE LEGS IDENTIFY "A" QUADRANTS.

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ILLINOIS			
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
CHICAGO	350(CG)(116.1)	SBRAZ-DTXV;152°2.2	(3); 116.1
Chicago Airport	278 (126.18, 118.7,118.1)	AC (ILS-W)	(4);126.18,118.7,118.1,122.5
Chicago-Orchard	396 (126.18)	C	(4); 126.18
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
→ FRANKLIN PARK	219 (L)	K;312°,5.8	Chicago
HARVEY (Rubinkam)	385 (GH)	MLWZ; 90°, 2.2	
JOLIET	257(JO)(116.1)	SBRAZ-DTV; 126°,3.7	(4); 116.1
INDIANA			
McCOOL (Int.)	359 (ML)	MHW	Oper. cont.
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen
OHIO			
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV;100°0.7	(3); 116.1
Cleveland Airport	278 (126.18,118.3)	AC(ILS-W)	(4); 118.3,126.18,122.5
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
ELYRIA	219 (S)	FMK, 280°, 10.9	Cleveland
NORTH ROYALTON LFM	(- -)	LFM, 145°, 10.8	Cleveland
VERMILION FM	(. . - - -)	FM, 280°, 26	Cleveland
VIRGINIA			
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk NAS East Field
LANGLEY FIELD (Army)	221 (DLY)(116.1)	SBMRAPZ-DTV	(3); 116.1
Langley Field	278(126.18, 116.1)+	CA(GCA);102°,3.8	(4); 126.18
NORFOLK	239(NW)(116.1)	SBMRLZ-DTV	(3); 116.1
Norfolk Airport	269(126.18,118.3)	AC; 44°, 3.3	(4); 122.5; 126.18, 118.3
Norfolk (Navy)	356 (NGU)	BMRLZ	
Norfolk NAS (East Field)	323 (142.74)	CN(GCA);276°, 2.9	(3); 142.74
Norfolk NAS (Seaplane)	2870	CN	2870 (7-17 and on req.)
OCEANA NAAS	3295 (142.74)	CN	3105,4495;142.74 (745-1830)
NEW RADIO FACILITIES			
Cleveland Airport, Ohio	278		MLW

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO	109.9	333.8	132° Mag.	IM- ····· (0.04)	MM-	OM- -- (1 89)
					MMK- 201 ··· (0 71)	OMK-
CLEVELAND	109.9		54° Mag.	IM- ····· (0.06)	MM-	OM- -- (4.75)
					MMK-	OMK-

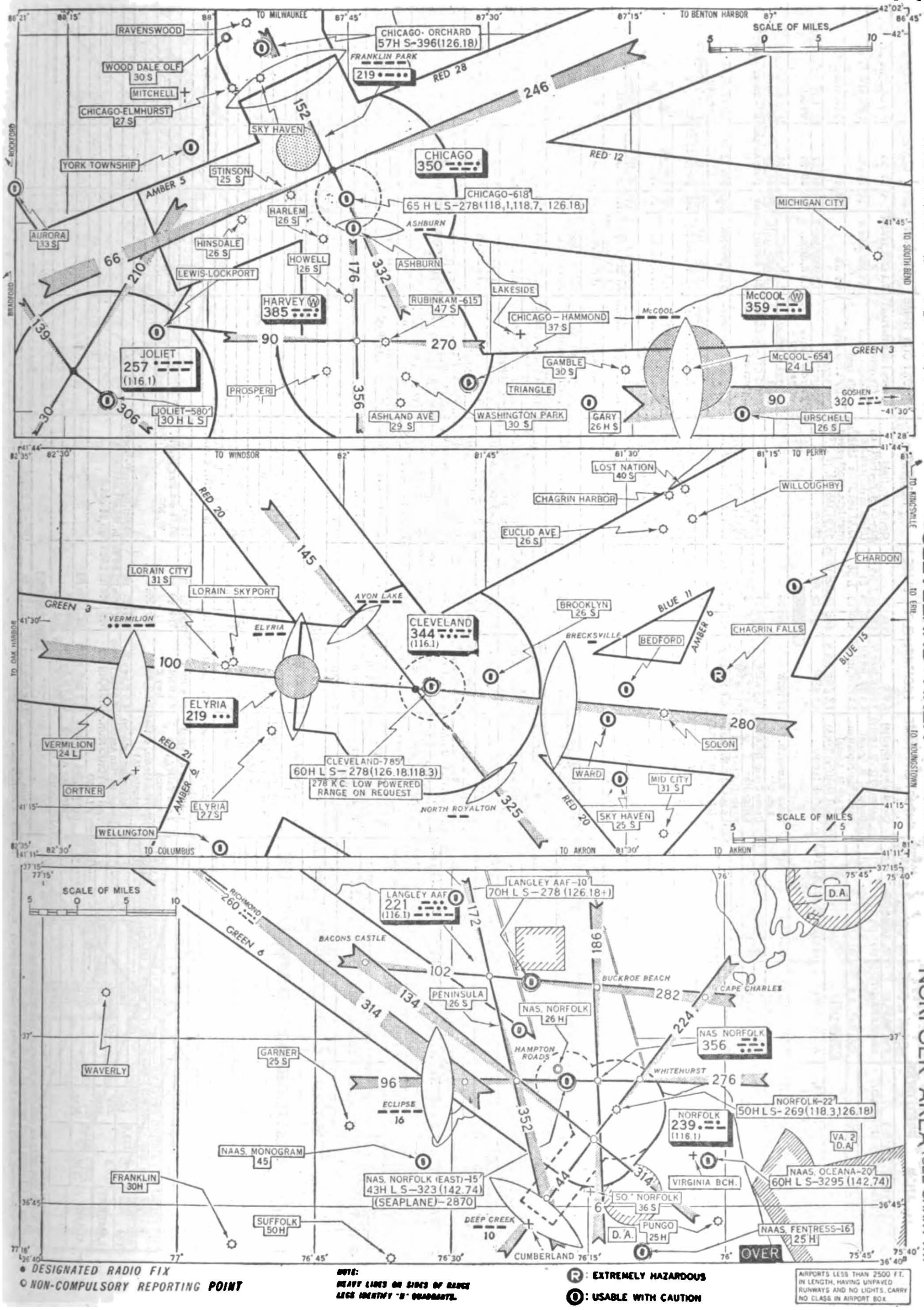
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ILLINOIS				
Ashburn (Chicago)	12 SW;hwy W	620	16 S4	73,80 oct. Unsafe after rain.
Ashland Avenue (Chicago Hgts)	1.5 NW;hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora	3 NNW	701	33 S4	80 oct. Twr NE; stack SE.
CHICAGO	9 SW of loop	618	65h R3 L6 S6	73,80,91 oct. FEE.
Chicago-Elmhurst(Elmhurst)	2.5 N; hwy SW	707	27 S6	80,91 oct. Poles S, E.
(A) Chicago-Orchard	16 NW;RR W	657	57h R1 L5 S6	73,91,100 oct. JP-1.
(P) Chicago-Hammond (Lansing)	1.5 S;RR N	660	37 L1 S6	73,80 oct. Obsts sur. fld.
Harlem (Oaklawn)	2.2 WNW;hwy W	619	26 S6	80 oct. Pole line E.
Hinsdale	3 S;hwy SE	710	26 S6	73, 80 oct. Rolling ground
Howell (Blue Island)	3 W;hwy E	600	26 S4	80 oct. Obsts sur fld.
Joliet, 22, LS-CG	5 W;riv W	580	30h R1 L4 S4	80,91 oct. Flood lgts prior req. after 2400.
Lewis-Lockport (Lockport)	2.2 WNW;hwy E	664	26 S6	80, 91 oct. Twr SE. Obsts sur field.
Prosperi (Tinley Park)	1.7 SSW;hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW;RR N	650	18 S6	80 oct. Allway fld. Trees S

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ILLINOIS				
(P) Rubinkam (Harvey)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct. Use W part only.
St. Charles (NC)	3.5 E;RR E,S	760	18h	Pole line N.
Sky Haven (Bensenville)	1.5 SE;RR W,N	650	23 S4	80,91 oct. Use strips only.
Stinson (La Grange)	2 SE;hwy SE	644	25 S6	80,91 oct. Pole line S,W.
(P) Washington Park (Homewood)	1.5 SE;hwy E	625	30 S6	80,91 oct. Allway area
Wooddale	1.5 N	711	30 S5	80 oct. Woods SSW; pole line W.
York Township (Lombard)	2 SSW;hwy N	726	20 S6	80 oct. Use strips. Pole line N,E.
INDIANA				
Gamble (Hobart)	1.8 NNW;hwy S	650	25 S6	80,91oct. P-line NE,E..
Gary	6 S;hwy W	610	23 S6	80,91 oct. P-line E,SE,S,SW,W.
Lakeside (Gary)	7.5 W		35 S4	73,80 oct. Data unver.
★ McCool Int, 3, CG-LG	2 SW; hwy S	654	24 L3	
Michigan City	4 E; RR N	650	24 S1	80,91 oct. Pole line E,S,W.
Triangle (Dyer)	1.5 NE;RR E	630	33 S2	80,91 oct. Pole line S,SE. Bldg W.
Urschell (Valparaiso)	1.7 NNE;hwy E	766	26 S2	80 oct. Pole line N.
OHIO				
Bedford	2 NE;hwy W	1060	17 S2	73 oct.
Brooklyn (Cleveland)	5.5 SW;RR S	780	26 S2	73 oct.
Chagrin Falls	3 E;hwy SW	1220	23 S4	80 oct. Pole line N.
Chagrin Harbor (Willoughby)	2.5 NNW	620	22 S6	80 oct. Pole line W.
Chardon	2.8 S	1230	22 S1	80 oct. Pole lines sur fld.
(A) CLEVELAND	8.5 SW;riv W	785	60h R3 L6 S6	80,73,91,100 oct. JP-1. FEE.ARPT OF ENTRY.
Elyria	1.6 SSW;RR NW	745	27 S4	80 oct. Poles SSE, S.
Euclid Ave. (Willoughby)	1.5 WSW;RR N	640	26 S6	80,91 oct. Pole line S,hi-line N.
Lorain City (Lorain)	2.1 SW;RR N	610	31 S4	80 oct. Pole line NE,SE. No sto.
Lorain Skyport (Lorain)	2.8 SW;hwy W	610	29 S4	80,91 oct. Pole line S,SE.Rnwy data unver.
Lost Nation (Willoughby)	3 N;lake NW	626	40 S6	80,91 oct. Obsts sur fld.Rnwy data unver.
→ Mather (Cleveland)	5 SW;RR S			ABANDONED
Mid City (Hudson)	2 S;RR S	1080	31 S4	80 oct. Poles W,NW.
Ortner (Wakeman)	4 NNE;RR S		26 S1	73 oct. Data unver.
Sky Haven (Northfield)	2.5 SSE;RR NE	1040	25 S4	73,80 oct. No sto. Pwr line W,S.
Solon	1.1 SSE;RR NE	1034	24 S6	73,80 oct. Pole line W, SE.
★ Vermilion Int, 28, CG-LG	3.7 SW;RR SE	610	24 L3	
Ward (Bedford)	1.5 S;RR E	980	20 S6	80 oct.
Willoughby	1.2 E;RR NW	700	22 S6	80 oct. Pole line sur fld.
VIRGINIA				
Cumberland (Portsmouth)	7.5 SSW		28 S4	80 oct. Data unver.
(N) Fentress NAAS (N)	2.5 ESE;hwy N	16	25h	CLOSED.
(P) Franklin	1.7 NE	38	30h	
Garner's (Windsor)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk)(NC)	4.5 E;RR S	18	24	Twrs, pole line SW.
(A) Langley Field (A)	3 N Hampton	10	70h R2 L5 S6	73,91,100 oct. JP-1.
(N) Monogram NAAS (Drivers)	2.8 W;riv W	21	45	INACTIVE. (N)
NORFOLK	5 ENE;RR SE	22	50h R2 L5 S4	80,91 oct.
(N) Norfolk NAS (Chambers)(N)	7 N;rd N	13	26h	CLOSED. Use East Field
(N) Norfolk NAS (East Field)(N)	6 N; RR SW	15	43h R2 L5 S6	91,100 oct. NATS.
(N) Oceana NAAS (N)	1 SW;RR N	20	60h R1 L5 S4	91,100 oct. No bcn.
Peninsula (Hampton)	2 WSW;RR N	12	26 S4	80 oct.
Pungo	0.8 NE	15	25h	
South Norfolk (Norfolk)	6 SSE		36 S4	Fuel. No sto. Data unver.
(P) Suffolk	3.8 SSW;RR E	66	50h	
Virginia Beach	4.5 W;RR,hwy N	15	42 S4	80,91 oct. Pole line N. Data unver.
Waverly	2.5 NW;RR SW	115	17 S2	80 oct. Trees,brush sur fld.
NEW AIRPORTS				
Mitchell (Lombard,Ill.)	2.8 NNW	710	24	Data unverified.


CHICAGO AREA (SEE CHART 340)
CLEVELAND AREA (SEE CHART 381)
NORFOLK AREA (SEE CHART 111)
TO MILWAUKEE
TO BENTON HARBOR
SCALE OF MILES
RAVENSWOOD
CHICAGO-ORCHARD 57H S-396(126.18)
FRANKLIN PARK 219
RED 28
246
WOOD DALE OLF 30 S
MITCHELL
CHICAGO-ELMHURST 27 S
152
SKY HAVEN
CHICAGO 350
RED 12
YORK TOWNSHIP
STINSON 25 S
AMBER 5
CHICAGO-618 65 H L S-278(118.1,118.7, 126.18)
MICHIGAN CITY
HARLEM 26 S
ASHBURN
AURORA 33 S
HINSDALE 26 S
66
210
HOWELL 26 S
176
332
LEWIS-LOCKPORT
ASHBURN
LAKESIDE
HARVEY 385
RUBINKAM-615 47 S
McCOOL 359
McCOOL
CHICAGO-HAMMOND 37 S
139
90
270
JOLIET 257 (116.1)
GREEN 3
McCOOL-654 24 L
GAMBLE 30 S
PROSPERI
TRIANGLE
30
306
JOLIET-5801 30 H L S
356
ASHLAND AVE 29 S
WASHINGTON PARK 30 S
GARY 26 H S
90
GOSHEN 320
URSCHELL 26 S
TO SOUTH BEND
TO WINDSOR
TO PERRY
LOST NATION 40 S
WILLOUGHBY
CHAGRIN HARBOR
EUCLID AVE 26 S
RED 20
145
CHARDON
LORAIN CITY 31 S
LORAIN SKYPORT
AVON LAKE
BROOKLYN 26 S
BLUE 11
AMBER 6
GREEN 3
VERMILION
ELYRIA
CLEVELAND 344 (116.1)
BRECKSVILLE
BEDFORD
CHAGRIN FALLS
BLUE 15
100
ELYRIA 219
280
VERMILION 24 L
RED 21
SOLON
CLEVELAND-785 60H L S-278(126.18.118.3)
278 KC. LOW POWERED RANGE ON REQUEST
WARD
MID CITY 31 S
AMBER 6
ORTNER
ELYRIA 27 S
NORTH ROYALTON
325
RED 20
SKY HAVEN 25 S
WELLINGTON
TO COLUMBUS
TO AKRON
TO AKRON
TO KINGSVILLE
TO ERIE
TO YOUNGSTOWN
TO OAK HARBOR
SCALE OF MILES
RICHMOND 260
GREEN 6
LANGLEY AAF 221 (116.1)
LANGLEY AAF-10 70H L S-278 (126.18+)
172
186
D.A.
BACONS CASTLE
102
BUCKROE BEACH
282
CAPE CHARLES
PENINSULA 26 S
NAS. NORFOLK 26 H
134
314
224
NAS NORFOLK 356
GARNER 25 S
HAMPTON ROADS
WHITEHURST
276
WAVERLY
96
ECLIPSE 16
NORFOLK-22 50H L S-269(118.3,126.18)
NORFOLK 239 (116.1)
VA. 2 D.A.
352
NAAS. MONOGRAM 45
VIRGINIA BCH.
NAAS. OCEANA-20 60H L S-3295 (142.74)
FRANKLIN 30H
NAS. NORFOLK (EAST)-15 43H L S-323 (142.74) (SEAPLANE)-2870
44
314
SO. NORFOLK 36 S
6
SUFFOLK 50H
DEEP CREEK 10
D.A.
PUNGO 25 H
NAAS. FENTRESS-16 25 H
CUMBERLAND
OVER
• DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF BLOCK LEGS IDENTIFY "B" QUADRANTS.
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

RADIO

ILLINOIS

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JERSEYVILLE FM	(-)	FM, 355°,21	St. Louis, Mo.
SCOTT (Belleville) (Army)	263 (DCD)	SBMRAPZ-DT	(4)
Scott Field	396 +	CA; 49°, 2.2	(4)

MISSOURI

LAMBERT-ST. LOUIS ARPT. (St. Louis)	278 (126.18, 118.3)	AC (ILS-W)	(4);126.18,122.5,118.3
ST. LOUIS (Lambert -St. Louis Arpt.)	209 (LS)(116.1)	SBRAZ-DTXV 256°,2.2	(3);116.1
ST. PETERS FM	(- - - -)	FM, 273°,14.2	St. Louis.
SPANISH LAKE	219 (L)	FMK;69°,7.8	St. Louis.
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis.

OREGON

PORTLAND	332 (PD) (116.1,111.1)	SBRAZ-DTV	(3);116.1,122.1
Portland AAB	278 (126.18, 118.3)+	AC; 171°,3.1	(4); 142.74,122.5,118.3, 126.18
WILLAMETTE FM	(- -)	FM,176°,20.6	Portland

TEXAS

ALAMO (San Antonio (San Antonio Arpt)	344(JR)(116.1)	MLZ-DTV; 174°,2 7	(3); 116.1
BROOKS FIELD (San Antonio)	396 (126.18)	CA	(3); 126.18
KELLY FIELD (San Antonio)	219 (126.18)+	CA	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
Randolph Field	272 (126.18)	CA;322°,2.04	(3); 126.18
SAN ANTONIO (Kelly Field)	254(ZN)(116.1)	SBRAZ-VD,107°, 1.8	(4); 116.1
San Antonio Arpt. (Alamo Field)	278 (118.5)	C (ILS)	(4); 118.5,122.5,126.18
SPRING BRANCH FM	(-)	FM, 354°,21.6	Alamo.
→ STINSON San Antonio	209	CI	3105.6210 (8-19)

WASHINGTON

→ BOEING AIRPORT (Seattle)	278 (126.18, 118.3)	AC;296°,2.8	(4);118.3,126.18,140.1 122.5
HOBART FM	(- -)	FM;88°, 15	Seattle
LAKEVIEW FM	(- - -)	FM;175°,25.5	Seattle
McCHORD (Tacoma) (Army)	272 (DTA)	BMRL;26°,1.7	
McChord Field	396 (126.18)+	CA(ILS-W)	(3); 116.1, 126.18
→ SEATTLE (Boeing Arpt)	260(SA)(116.1)	SBRAZ-DTXV	(3);116.1,122.1
SEATTLE NAS (Navy)	532 (WN)	MH	(4) cont.
Seattle NAS	230 (142.74)	CN(GCA)	(3);142.74 (8-sunset)
WASHOUGAL FM	(-)	FM, 63°,17.5	Portland,Ore.
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.

NEW RADIO FACILITIES

LA CENTER, WASH; FM	(- - - -)	FM; 33°, 12	Portland, Oreg.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
McCHORD, (A)	109.9	333.8	337° Mag.	IM- (0.24)	MM- ·····(0.95)	OM- --(4.44)
					MMK-	OMK-
LAMBERT	110.3		238° Mag.	IM- ·····(0.06)	MM-	OM- --(3.58)
					MMK-201···(0.60)	OMK-
→ ALAMO	109.9	333.8	30° Mag.	IM-	MM- -·-·(0.68)	OM- --(4.38)
					MMK-	OMK-230----(4.38)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gundlach(Belleville)	1.8 E	514	23	Obsts sur. field.
Lakeside(E.St.Louis)	7 NNE,lake W	420	32 L S6	80 91 oct.Port lgts on req.
Parks(E.St.Louis)	4.2 SW,RR SE	410	26 L1	Obsts on fld.
Parks Metropolitan (East St. Louis)	3.5 SSW,RR W	420	40 L S6	80,91 oct.Port rnwy lgts. 1700' paved rnwys.
(A)Scott (Belleville)(A)	7.5 ENE,RR S	444	55h R2 L5 S5	73,91,100 oct. JP-1.
Wadlow (Alton)	3.5 NNW	600	25 S4	80 oct.

MISSOURI

Black Walnut (St. Louis)	18 NNW	442	20	
Creve Coeur (St. Louis)	14.5 WNW	445	37	Lake E.
Ellisville	0.4 NE,hwy S	750	16 S2	80 oct.
Kratz(St.Charles)	1.1 ESE,RR S	442	30 L S6	80,91 oct.Port rnwy lgts.
(NG)LAMBERT-ST.LOUIS → (St. Louis) (NAS)	10.8 NW,hwy N,W	552	60h R3 L6 S6	80-100 oct. Rdo rqrd.
Machens (NC)	1 NNW	450	41	Pole line
Meremec(Valley Pk.)	1.5 ESE,riv N	440	30 L S2	80 oct.Port rnwy lgts. S.
(N)Neubeiser OLF (N)	22 NNW,riv N	438	20h	(St.Louis) CLOSED
Ross (St. Louis)	4.8 NNW,RR SE	430	30 S6	80,91 oct.Poles sur fld.
St.Charles	5.3 NNW,RR N	470	29 S6	80 oct.Poles E,N,NE,SE.
Starling(St. Louis)	14 SSW,RR E	615	26 S4	80,91 oct.Obsts sur fld.
Sylvan Beach (Fenton)	2 NNW	442	42 L S2	80,91 oct.Port rnwy lgts. Pole line N.
Weiss (Kirkwood)	4 SW	430	15 S4	80 oct.Pole line NE,N.

OREGON

(P)Aurora Flight Strip	1.6 NNW,hwy W	196	41h	
Barrett-Schuler (Woodburn)	2.8 WNW,RR E	200	29 S1	73 oct.Pwr line NNE.
Bernard(Beaverton)	1.4 NNW,RR S	208	18 S6	80,90 oct.
Canby	0.5 NNW	150	17 S1	80 oct.Pwr line NE,SW
Columbia Co.(Scappoose)	1.2 NE,RR W	55	40h L S6	80 oct.Port rnwy lgts. Pole line N, NW.
Dwyer Landing Field (Portland)	7 SE,RR NW	200	16	Obsts ENE,WSW.Ditch around strip
Green Acres(Mulino)	1.9 SSW,RR W	269	18 S4	73,80 oct.No sto.Obst
Hillsboro	2.4 ENE,RR S	200	41h L5 S6	73,80 oct.No sto. SSE.
(A,N) PORTLAND AAB (A)	5 NNE,riv N	19	55h R2	CLOSED.Poleline W, lgtd NATS.
Portland Birdsdale	8.5 E,RR N	220	23 S6	80,91 oct.
R.O.K. (Gresham)	2.2 W,RR S	285	26 S5	73 oct.No sto.Pwr line E
Sky Park (Oregon City)	2.7 SE,RR NW	440	27 S6	80 oct.P-line S. ENE.
Sportsman Arpk. (Newberg)	1 E,riv SW; RR N	173	23 S2	Ltd 80 oct.Trees NNE.
Troh's Skyport (Portland)	6 E,riv N	250	26 S6	80,91 oct.
Troutdale	1 NW,RR S	34	46h L3 S6	73,80 oct.

TEXAS

Bexar Co.(San Antonio)	7.1 SSW,rd W	640	32 S6	80,91 oct.Poles,trees N, NW, W, S.
(A)Brooks (San Antonio)	6.5 SSE,RR W	594	52h R1 L5 S6	73,91,100 oct. (A)
Craigg (Sayers)	1.8 W,hwy, N	650	41 S1	80 oct. RR N.
Davis (San Antonio)	6.7 N,RR SE	780	16 S1	80 oct.
Hurl (San Antonio)	6.5 WNW.	680	36 S6	80 oct. Hwy W.
(A)Kelly (San Antonio)(A)	6.8 SW,RR NE	676	75h R2 L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEARSTN
Kuehler(New Braunfels)	1.7 SE,riv NW	720	18	Pole line NW. Cattle.
Lake (San Antonio)	10 S,RR E	700	23 S2	73 oct.
Leon Valley (San Antonio)	8.6 WNW, hwy E	710	40 S6	80,91 oct.Pwr line N, W, NW.
(A)Martindale No. 4 (San Antonio) (A)	7.1 E,RR S	660	30h	
Mission(San Antonio)	4.5 S,hwy E	567	23 S6	80 oct.No sto.P-line NNE
(A)Randolph(San Antonio)	15.8 ENE,RR NW	752	70h R2 L5 S6	91,100 oct.No sto. (A)
SAN ANTONIO MUN.- → ALAMO	7.8 N,RR SE	783	55h R3 L6 S2	80,91 oct.
Stinson(San Antonio)	6.2 SSE,RR E	567	49h R1	
Yates(San Antonio)	13.7 N,hwy W	968	33	
(A)Zuehl No. 6 (A)	0.8 NE,hwy NW	610	30h	

WASHINGTON

Auburn	1.8 ESE,hwy S	276	20 S6	80 oct. Trees.

WASHINGTON

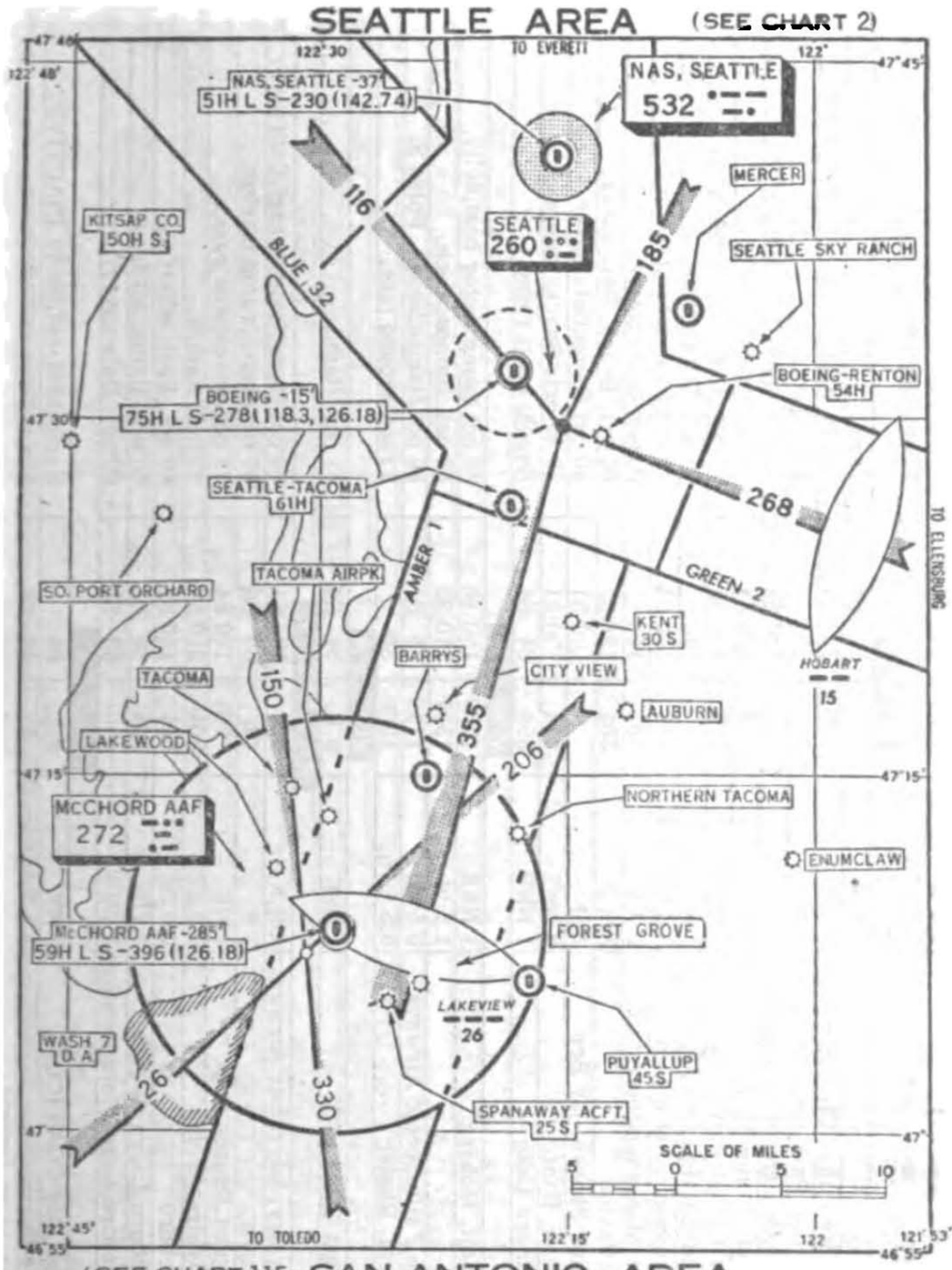
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Barrys Sky Harbor (Tacoma)	2.3 ENE,riv SW	4	21 S3	80 oct.Pole line E.
Boeing-Renton (Renton)	0.9 NW,lake N	32	54h L5	Lgts prior req.
City View Arpk. (Tacoma)	4.5 NE	350	18	Pole line SW.
Enumclaw	1.5 WSW,hwy E	740	20 S2	Ltd 80 oct.Pwr line E.
Forrest Grove (Spanaway)	1.8 E,RR E	340	30 S6	80 oct.
Groves (Camas)	2.8 N,hwy E	350	16 S1	Ltd 80 oct. Lake SW.
Kent	1.5 SSW,riv N	30	30 S6	80 oct.
(P)KING CO.-BOEING → (Seattle)	See Boeing under "New Airports" - name changed.			
Kitsap Co.(Bremerton)	8 SW,hwy NW	482	50h L5 S6	80,91 oct.No sto. Lgts on req.
Lakewood (Tacoma)	7.5 SSW,RR E	243	22 S1	80 oct.Trees ENE,WSW
(A)McChord (Tacoma) (A)	7 SSW,lake SE	285	59h R3 L5 S6	73,91,100 oct.JP-1. FOREIGN CLEAR.STN
→ Mercer (Seattle)	9.5 E	345	22h S6	80,91 oct.Rdo repairs. Rnwy data unver. Tie-down sto.
Northern Tacoma (Puyallup)	1.3 N,RR N,S	20	19	
Puyallup	6 S,hwy W	520	45 S6	80,91 oct.Rnwy data unver.
R.C. Sugg (Orchards)	3.6 SSE,hwy S 6.8 E Vancouver	310	26 S6	80 oct.
Seattle Sky Ranch (Issaquah)	1.6 NNW,hwy S	50	25 S6	80,91 oct.No sto.Hill S.
(N)Seattle NAS (N)	6.5 NNE,lake E	37	51h R1(L6)S6	91,100 oct. NATS
Seattle-Tacoma (Seattle)	10.5 S,RR E	405	61h	Trees and hills sur.fld.
South Port Orchard (Port Orchard)	7.5 SSW,lake S	350	19 S4	80 oct.No sto.Trees N, S.
Spanaway Aircraft → Co. (Spanaway)	1.2 SSE,RR S	375	25 S6	80,100 oct. P-line S.
Tacoma	4.4 W,hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk. (Tacoma)	2.9 WSW,RR E	250	20 S4	80 oct.Sharp drop W edge fld.
Vancouver	1 SE	26	19 S6	Ltd 80 oct.No sto.
Vancouver, mun.	6.7 ENE	240	26 S1	80,91 oct. Hwy W.

NEW AIRPORTS

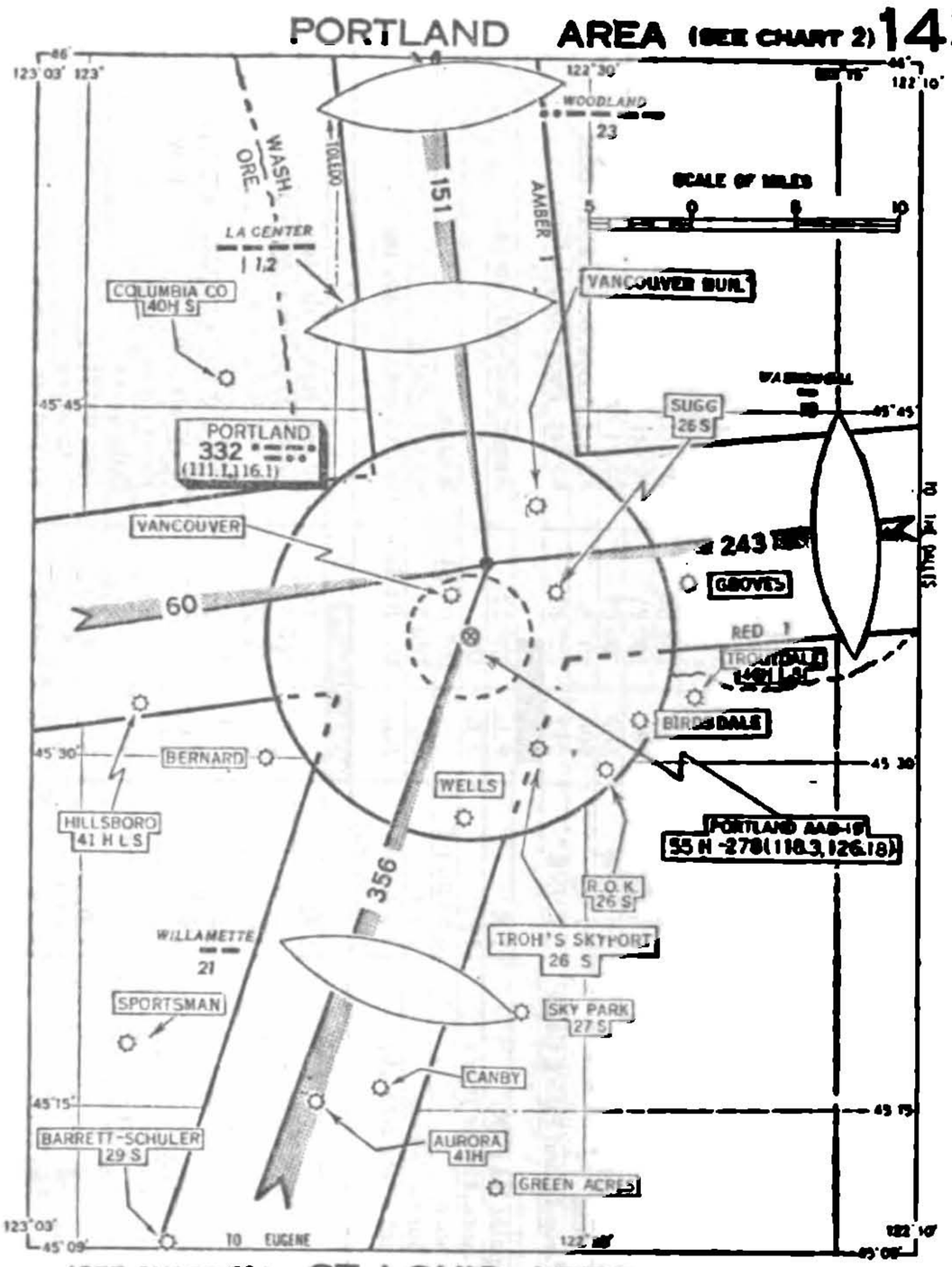
Edwardsville (Ill.)	3.4 E;RR N	555	21 S2	No fuel. Pole line E,S.
Wells (Milwaukie, Ore.)	1.3 NE; RR W	158	17 S1	80 oct.
(P) BOEING → (Seattle, Wash.)	6 S;riv SW	15	75h R2 L5 S6	80-100 oct.No sto. ARPT OF ENTRY.

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted) → NEW OR REVISED DATA

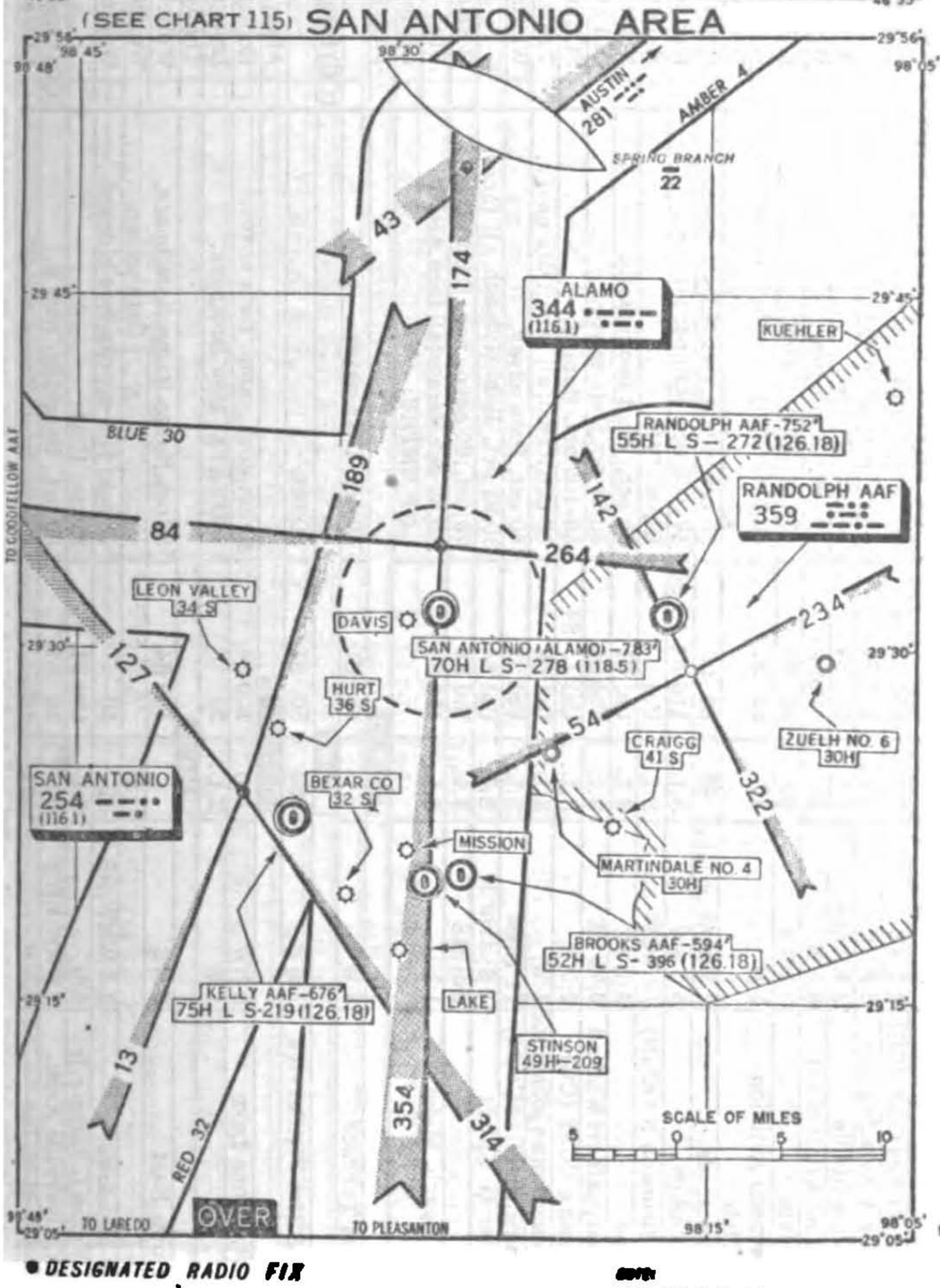
SEATTLE AREA (SEE CHART 2)



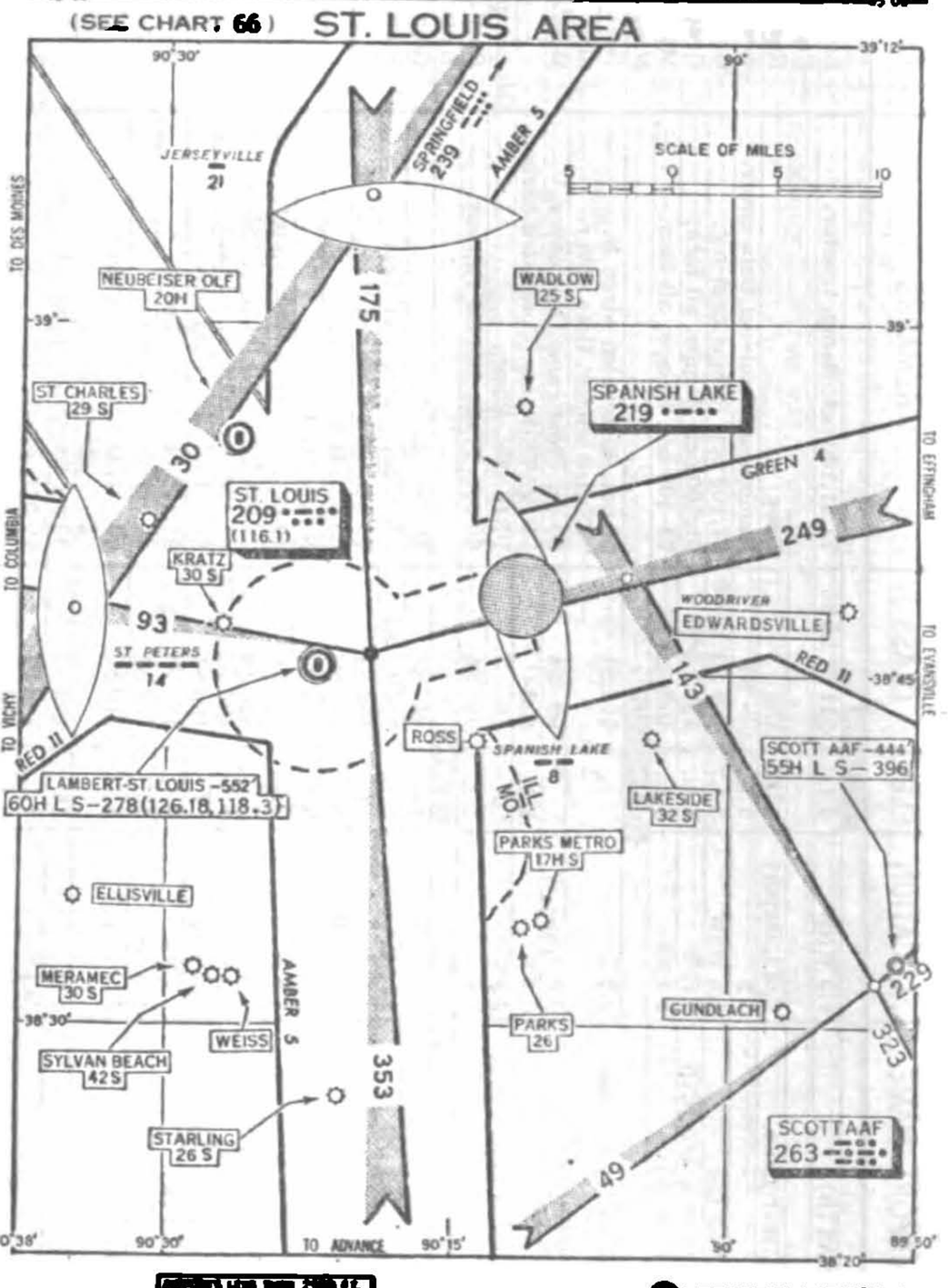
PORTLAND AREA (SEE CHART 2)



SAN ANTONIO AREA (SEE CHART 115)



ST. LOUIS AREA (SEE CHART 66)



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

[illegible]

[illegible]

Ⓔ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

Directory of Seaplane Bases and Anchorages

CITY — AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
CALIFORNIA				
(N) Alameda NAS (N)	4.5 WNW	S.L.	211 R1 L5 S6	73,91,100 oct. Ramp, tractor.
Lakeport, Clear Lake	E of Lakeport	1325	Unl	Buoy
Oakland	6 S	S.L.	S4	Ramp;beach;haul-out.Data unver.
(N) San Diego NAS (N)	4.5 WSW	S.L.	106 R1 L S6	87,100 oct. Ramps;haul-out.
(CG) San Francisco CGAS (CG)	9 SSE	S.L.	132 L5 S6	91,100 oct. Ramps; all facs.
(N) San Pedro NAS (N)	2 ENE	S.L.	Unl. L1 S4	73-100 oct. Ramps; all facs.
CONNECTICUT				
Connecticut Valley (Windsor Locks)	2.5 S		158 S4	80 oct. Hi-tension wires N. Closed winter. Data unver.
Cromwell	0.8 S;hwy W		90 S4	80 oct.Float;ramp.Data unver.
Greenwich	0.8 S	S.L.	Unl	PRIVATE.Ramp. Congested harbor.
Stratford,United Acft. Corp.	2 SW	6	53	PRIVATE. Ramp.
Westport	2 S	S.L.	40 S6	80 oct. Float; marine railway.
FOR DISTRICT OF COLUMBIA SEE PAGE 145				
FLORIDA				
Avon Park, Lake Lotela	2 SE;RR SW	100	66 S1	80 oct. Beach.
(N) Banana River NAS (N)	11 SE Cocoa	S.L.	116 L S6	87,98 oct. Ramps; all facs.
Bradenton	Adj N	1	Unl S1	73 oct.;80 oct. on req.Ramp;float.
Clarcona, Hidden Acres	1.5 WNW	90	30 S6	80 oct. Data unver.
Daytona Beach, Bob Orrell	2 N	S.L.	264 S4	Ramp; float.
Daytona Beach, Raymond's	1.5 N	S.L.	Unl S6	80 oct.;91 oct req.Ramps;piers,boat
Fort Myers, Gulf Airways	2 N	S.L.	Unl S4	80 oct.Ramp;all facs. Data unver
(N) Jacksonville NAS (N)	7.2 S	S.L.	Unl R1 L5 S4	91,100 oct. Ramps; all facs.
Jacksonville, Riverside	Adj city	7	Unl S1	80 oct. Beach. Data unver.
(N) Key West NAS (N)	7 ENE	S.L.	130 R1 L S6	91,100 oct.Ramps;buoys.
Lakeland, Mun.	Adj NE	145	Unl S1	80 oct. Data unver.
Lake Worth, Mun.	Adj city	S.L.	100 S6	80 oct.Ramp;beach.Obsts E. Data unver.
Leesburg, Hal Hoover's	1 N	15	Unl S1	80 oct.Ramp;beach;dock.Data unver.
Melbourne	Adj S	S.L.	Unl S1	80 oct. Float.
Miami, Chalk's	2 E;causeway N	S.L.	Unl S4	80 oct.Beach;ramps;winch.ARPT OF ENTRY. ARPT OF ENTRY
(CG) Miami,Dinner Key CGAS (CG)	2.5 SE	S.L.	150 L3 S4	100 oct.Ramps;haul-out.CLOSED.
Miami,E.Coast Avia.Service	8 NNE	S.L.	132 S4	80 oct.Ramps;buoys. Obsts.
Miami, Embry Riddle	2 E;causeway S	S.L.	65 S4	80 oct. Ramps.
Miami, Miami Aviation Ctr.	8.5 N	S.L.	Unl S1	80 oct. Data unver.
Orlando, Davis	3 NNW	90	80 S1	80 oct. Ramp; dock.
Orlando,Orlando Aviation Country Club	5 N	90	60 S1	80 oct. Ramp; beach. Data unver.
Orlando, Raymonds	2.5 WSW on lake	90	60 S6	80 oct. Float,Twr N.Data unver.
(N) Pensacola NAS (N)	5.3 SW	S.L.	116 R1 L1 S6	87-100 oct. Ramps; all facs.
(N) Pensacola, Bronson NAAS (N)	12 WSW	S.L.	Unl	INACTIVE
St. Augustine	Adj SE	S.L.	Unl S1	80 oct. Float;beach;dolly.
St. Petersburg,Albert Whitted	0.75 SE	S.L.	Unl S6	80,91 oct.Data unver.
(CG) St. Petersburg CGAS (CG)	2.5 E	S.L.	Unl L S4	80-100 oct. Ramps.
St. Petersburg,James Johnstone	7 W	S.L.	Unl S6	80 oct.Ramp; all facs.Data unver.
St.Petersburg,Pinellas County	11 NNW	S.L.	Unl S1	80 oct. Data unver.
Tampa, Peter O. Knight	4 S; arpt N	S.L.	Unl S4	80,91 oct. Ramps;beach.All facs.
Titusville	Adj NE	S.L.	Unl S1	73 oct.;80 oct on req. Data unver.
West Palm Beach, Midet	1 N	S.L.	158 S4	80,87 oct.Ramps;all facs.ARPT OF ENTRY.
ILLINOIS				
Alton,Clifton Terrace	3 W		53 S1	80 oct. Data unver.
IOWA				
Davenport,Elliot Fly.Service	Adj S	550	50 S1	80 oct.
LOUISIANA				
Shreveport, Cross Lake	5 NW	170	100 S4	80 oct.dock,ramp. Data unver.
Westwego	1 E	S.L.	53	PRIVATE. May Brothers.
MAINE				
Bangor, Down East	3 NE		106 S4	80 oct.No sto.Ramp;float;beach. Data unver.
Bath, New Meadows	2.3 WNW;RR S	12	60	Beach. N,S approaches blocked.
Boothbay,Frank L.Sample,Jr.	Adj	S.L.	Unl S1	Ramp; float.
Brunswick,Riverside Arpk.	1 WNW;RR S	60	58 S1	80 oct. Beaching. Hwy S.
Dexter, Heart of Maine	0.5 N	433	40	Buoys; boat. Trees N,S,W.
Eagle Lake	3.8 N	574	70 S1	80 oct. Obsts.
East Holden,Holbrook Pond	1.1 NNE			ABANDONED
Eastport	1 W	S.L.	Unl	Ramp.
Fryeburg	2 E	358	120	Trees encircle lake.
Greenville,Moose Head Lake	0.6 NNW	1028	50 S4	91 oct. Ramp.
Greenville Jct.,Squaw Mt.Inn	1.5 N	1028	52	Buoy;boat;beach;float.
Madison,Tomlinson	6.8 NE	330	158 S6	80 oct.Boat;beach;ramp;all facs.
Naples	0.5 NNW	267	160 S1	80 oct. Boat.
Portage,Portage Lake	0.4 WSW	609	160 S4	80,91 oct.Beach;boat.
Shin Pond	0.7 SW	900	60 S1	80 oct.Buoys;beach;wharf.Obst.
Winthrop,Inland Fish & Game	2.7 NNE	212	127 S1	80 oct. Buoys;beach;float.
MARYLAND				
(N) Annapolis NAF (N)	1 E	S.L.	Unl S2	Ramp; haul-out; buoys.
Baltimore,Middle River	10 E	S.L.	Unl	
Baltimore	6 SE;bay E		100 L1 S1	Ramps.
Glen Burnie-Whipp	1.5 E	50	100 S6	80 oct. Ramp.
(N) Patuxent River NAS (N)	2.9 NE of Jarboesville	S.L.	Unl R1 S4	90,100 oct. Ramps; buoys.
MASSACHUSETTS				
Agawam	1 SSE	30	100 S6	80 oct. Ramp; all facs.
Beverly,Jubilee Yacht Club	Adj S	S.L.	105 S1	Beach;dock. Avail.May-Oct.
Chatham	Adj W	S.L.	33 S2	Ramp; dolly; buoy.
Fall River	2 E	131	119	Data unver.
Gloucester	0.3 W	S.L.	50 S4	80 oct.No sto.Moorings;float.Data
Holyoke,Smiths Ferry	4.5 N	100	95	Obsts NE,SW. unver.
Lawrence,Merrimac Val'y Skypt	2 E	7	83 S4	No sto.Ramp;float.Data unver.
" Merrimac Valley Skyport	3 W	50	57 S4	Data unver.
Lowell	1 W	95	92 S3	Data unver.
New Bedford	In harbor	S.L.	Unl	Data unver.
(CG) Salem CGAS (CG)	2.5 E	S.L.	150 S4	91,100 oct. Ramps.
South Hadley	1 W	95	100 S4	80 oct. Data unver.
(N) Squantum NAS (N)	0.8 W	S.L.	Unl S4	73-100 oct.Ramps;buoys;haul-out.
Swansea,Swansea Boat Yard	2.5 SSW	S.L.	211	Float;buoys;beach.
MICHIGAN				
Algonac	2.8 W	574	50 S1	73 oct.
Bay City,James Clements	3.7 S	580	35 S4	80 oct.Data unver.
Comstock Park,Grand River	1 S		50	Data unver.
Curtis,Ostrander's Forest Inn	1 N		Unl S1	80 oct. Moorings. Data unver.
Detroit, Motor Boat	6 ENE	575	Unl S1	Dock. Peach Island S.
Detroit Seapl.Patrol Base Inc.	4 ENE	575	Unl S1	73 oct. Dock. Belle Island S.
Iron Mountain,Lake Antoine	1 NE		Unl.	Beach. Data unver.
Kalamazoo, Austin Lake	8 SSE;RR E	855	100 S4	80 oct.Boat;beach,tractor.
North Muskegon,Interstate	0.3 S	581	100	Ramp; boat, dolly.
Old Mission	Adj E	581	120 S1	80 oct. Beach. Data unver.
St.Clair Shores, Jay Bee	Adj		Unl S1	80 oct.Ramp.Data unver.
Trenton, Hance	5 NNE	574	Unl S1	73,80 oct. Beach; ramps.
Whitmore Lake	1 NNE	894	84 S4	Beach; boat; ramp.
MINNESOTA				
Bemidji, Moberg	1 NNE	1350	Unl S6	80 oct.Ramp,motor boat,dolly.
Ely	1.5 W	1337	110 S2	80 oct. Ramps; dock.
Little Falls,Scenic Airways	0.5 N	1110	35 S1	80 oct.Ramps;beach. Poles S.
Marcel, Ranier	0.5 E	1300	30	Trees around lake.
MISSISSIPPI				
(CG) Biloxi CGAS (CG)	2 ESE	S.L.	54 S4	91 oct. Ramp.
NEW HAMPSHIRE				
Alton Bay, Interstate Airways	Adj N	504	Unl S1	80 oct.Ramp;buoys;wharf.Data unver.
Hooksett	2 S	2	80 S6	80 oct.Beach;ramp;tractor.
Lakeport,Paugus Bay	1 NE	504	100 S4	73 oct.Beach;boat;ramp.
The Weirs, Weirs	0.3 SE	504	210 S4	80 oct. Ramps.
Wolfeboro	0.5 SE	504	180 S1	80 oct. Boat; wharf.
Wolfeboro,Lakes Region	2.7 W	504	60 S1	80 oct. Ramp; all facs.
Worfeboro,Lake Winnepesaukee	3 WSW		60 S1	80 oct. Data unver.
NEW JERSEY				
(CG) Cape May CGAS (CG)	2 NW	S.L.	60	Ramp;haul-out;buoys.INACTIVE.
Little Ferry	0.5 E;bridge N	5	40 S6	80 oct.Boat;ramp;tractor.

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
NEW JERSEY				
Perth Amboy	0.5 S of bridge	5	Unl S1	80 oct. Ramp;all facs.Data unver.
Ridgefield Park,Lambrose Air College	0.5 S	5	40 S4	80 oct.Boat; ramp; winch.
Ridgefield Park,Mellor-Howard	1 S	5	35 S4	80 oct. Ramp; all facs.
Secaucus,Dawn Patrol	0.5 N;bridge SW	5	50 S2	73 oct. Winch.
NEW YORK				
Alplaus, Wells	0.5 SW	200	50 S4	80 oct.No sto.Ramp.Hi-line E.
Athens	Adj E		Unl S1	73 oct.Float.Data unver.
Babylon Skyport	1.5 SW	S.L.	Unl S4	80 oct. Ramps:boat.
Buffalo	7.3 NW	570	103 S6	80 oct. Ramps; all facs.
Cooperstown,Otsego	Adj NNE	1194	Unl S1	80 oct.Float;ramp,buoys;winch
Dobbs Ferry	0.5 SW	5	100	Marine Ry;ramp;winch;float.
Eagle Bay, Adirondack	0.3 S	1707	70 S1	80 oct. Beach.
Lake George, Hall's	0.5 E	330	52 S1	73 oct. Ramp; all facs.
Montauk Yacht Club	2.5 NE	S.L.	Unl S1	87 oct.Buoys;floats.Avail.May-Oct.
New York,Downtown Skyport	Foot Wall St.	S.L.	S1	Floats.
New York, Evers	11 NE	5	70	Ramp;buoy;boat;winch.Bridge SSW.
(N) New York NAS (N)	11.8 SSE	S.L.	100 S4	73,91,100 oct.Ramps;tractor.
New York, La Guardia	5 E	S.L.	211 L1 S6	73-100 oct. Ramps;winch;buoys.
North Long Beach	0.4 N;bridge SW	S.L.	75 S4	80 oct. Ramp; float.
Ossining, Pickair	0.5 W	3	158 S4	80 oct. Boat; ramp.
Oyster Bay,Cold Spring Harb.	2 E	10	50	Buoys;beach;boat;dolly.
Piseco, Knox Bay	1.5 S	1661	163	PRIVATE.Boat;beach;tractor.
Port Washington,Grumman	1.5 NW	S.L.	158 S4	Ramps; all facs.
Rochester,Point Pleasant	6 NE	246	Unl S1	80 oct. Ramp;float;dock
Round Lake	0.5 E;RR S,W	188	48 S4	80 oct.Beach;boat,tractor.
Sag Harbor	0.5 N	5	103	PRIVATE.Ramp;tractor.
White Stone, Queens	1 N	S.L.	200 S4	80 oct. Ramp; dock.
Yonkers	S end	S.L.	Unl S4	80 oct.Ramp;moor.Clsd Dec.15-Mar. 15.
NORTH CAROLINA				
(CG) Elizabeth City CGAS (CG)	3.5 SE	S.L.	106 L1 S4	91,100 oct. Ramps; all facs.
Elizabeth City,Harvey Point	13 S	S.L.	Unl	Ramps.
OHIO				
Cleveland,Breckling Air Svc.	2.5 NE	573	30 S4	80 oct.No sto.Ramp;boat;buoy.Data unver.
OREGON				
Milwaukie, Portland	3 W	10	32 S4	80 oct.Ramps;boat;beach;winch.
Ocean Lake,Devils Lake	0.7 E	S.L.	59 S4	80 oct.No sto.Beach;winch.
Portland, Safley's	5 NNW	26	60 S1	Ltd 80 oct.Ramp;beach,winch.
PENNSYLVANIA				
Beaver	0.5 S	670	50 S1	80 oct. Boat;beach;ramp;tractor.
Coraopolis	0.5 N	675	50 S1	80 oct. Boat;ramp.
Edinboro	1.2 NNW	1200	Unl S1	Ltd fuel.Beach;boat;haul-out.
Harrisburg,Air-Harbor	1 SSW;brdg SE	300	30	Closed for winter
Kittanning, Sedwicks	0.2 W	769	50	Float; beach; boat.
Milton	1.5 SW	440	50 S	Svcg from Milton Airport.
Oakmont	Adj NW	725	52 S1	80 oct. Float.
Philadelphia	10 SW	S.L.	Unl S6	80,91 oct.Ramps:all facs.
Philadelphia,Phila. Skyport	Ctr of city	S.L	Unl S6	Boat;all facs.Data unver.
(N) Philadelphia, Mustin NAS (N)	4 S	S.L.	120 S6	87-100 oct. Ramp.
Pittsburgh, Buck's	at riv.intxn	715	70 S6	87 oct.Boat;beach;ramp;winch.
Pittsburgh,Dravosburg	5 SE;jct rivs	718	50 S2	80-100 oct.Ramp;float;boat.
Pittsburgh,Highland	5 NNE	721	66 S6	80 oct.Ramp;all facs.Data unver.
Rochester	0.5 S	670	78 S1	80 oct. Float; boat.
RHODE ISLAND				
Newport	3 NW	S.L.	Unl	Ramps;buoys;boat.
(N) Quonset Pt.NAS(Providence)(N)	16.5 S	S.L.	Unl L5 S6	91,100 oct. Ramps:all facs.
TEXAS				
(N) Corpus Christi NAS (N)	9.5 SE	S.L.	Unl R1 L3 S5	91,100 oct. Buoys; ramps.
La Porte, Fay Brothers	2 NE	S.L.	Unl S1	No sto. Floats;marine ry;Data unver.
VIRGINIA				
(N) Dahlgren NAF (N)	Adj SE	S.L.	S2	Ramp.
(A) Langley (A)	3 N Hampton	5	105 S2	Dock.Closed during ice period.
(N) Norfolk NAS (N)	6 N	S.L.	123 R1 L1 S6	87,91,100 oct.Ramps; all facs.
(N) Quantico MCAS (N)	1 S	S.L.	180 S4	Buoys; boat; ramp.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
WASHINGTON				
Bellingham	5 ESE	307	158 S2	73 oct. Boat; ramp; winch.
" Lakeside Fly.Svc.	3 E	307	106 S1	73 oct. Buoy; boat.
Bremerton	0.75 E	S.L.	211 S6	80 oct. No sto.Ramps;winch;hoist.
(N) Bremerton NAS (N)	0.5 S	S.L.	Unl S4	Ramp; buoys; haul-out.
Chelan, Air Harbor	0.8 W	1079	Unl S1	73 oct. Boat; beach; ramp.
Coulee Dam	3 ESE	1275	Unl S2	73 oct. Boat;beach;marine ry.
Longview,Sky Harbor	1.3 ENE	5	37 S1	73 oct. Float; beach.
(N) Oak Harbor NAS (N)	0.5 SE	S.L.	Unl R1 L4 S	Fuel,sto,flood lgts prior req.
Oroville,Dorothy Scott	1.7 N	913	52	Boat; beach. Ramps;buoys
(CG) Port Angeles CGAS (CG)	2 NNE	13	Unl S4	Ramp; all facs.
Port Townsend	Adj S	S.L.	150 S4	Ltd fuel. Buoys.
Prosser, L & D	1 W	632	76 S1	80 oct. Ramp.100' pole line WSW.
Seattle,Kurtzer Flying Service	In city	S.L.	79 S4	80 oct. Ramps; hoist.
(N) Seattle NAS (N)	6 NNE	36	300 L S6	87-100 oct. Ramps; all facs.
Seattle, Seattle Service	In city	20	53 S2	80 oct. Ramp; boat.
Tacoma, Float Haven	0.7 NE;brdg SSE	S.L.	26 S1	80 oct.Ramp;floats;boat;winch.
Wenatchee	0.5 E	600	53 S1	73 oct. Boat; beach,; ramp.
WEST VIRGINIA				
Charleston,Kanawha Flying School	Ctr of city	560	50 S6	80 oct. Boat;ramp,winch.
South Charleston	W of city	560	Unl S6	80 oct.Boat;ramp;winch.Data unver
Wheeling	Ctr of city	630	50 S1	87 oct. Boat. Bridges S.
WISCONSIN				
Drummond,Smith Lake	9.5 W		30 S1	80,91 oct. Tie-down;dock;buoy.Data unver.
Madison, Jackson	3 WNW	849	Unl S2	80 oct. Dock; float.
Milwaukee	3 ESE;hwy W	585	185 S6	80,91 oct.
NEW AIRPORTS				
Kingston,Aero Lake(N.Y.)	3 7 SSE;RR W	220	32 S4	80 oct. Trees sur lake.
(N) Anacostia NAS (N) (D. C.)	2.4SE Monument	8	106 S4	87-100 oct.Ramp: all fac prior req.
Cater-White (New York,N.Y.)	City limits on Hudson river.		Unl S6	80 oct.Floats.Data unverified.
Ticonderoga, (N.Y.)	3 S		unl	Float;dock;beach. Data unver.
Fort Worth (Tex.)	9 WNW,E shore		100 S4	80 Oct. Docks, floats
Sausalito (Calif.)	Richardson Bay		Unl S4	80,91 oct.Data unver.
Tippecanoe (Leesburg,Ind.)	3.5 E		211 S4	80 oct.No sto.Data unver.W end of lake
Thompson (Louisville,Ky.)	In town		Unl	S side Ohio river;E of bridge
G.I.Flying Service (Coeur d'Alene,Idaho)	.07 S	2140	Unl S4	Buoys;ramp;beach;boat.
→ Aero (Huntington,W.Va.)	3.4 ENE on Riv.	540	Unl S6	Fuel.
→ Ocean City, (Md.)	1 N	S.L.	40	Beach;ramp.

OPERATION OF SEAPLANES ON THE NEW YORK STATE CANAL SYSTEM:

AN OFFICIAL COMPLAINT HAS BEEN RECEIVED FROM THE STATE OF NEW YORK, DEPARTMENT OF PUBLIC WORKS, THAT THE NEW YORK STATE CANAL CHANNEL IS BEING USED FOR THE TAKING OFF AND LANDING OF AIRCRAFT. THIS CHANNEL IS VERY NARROW AND HAS NUMEROUS CURVES. AIRCRAFT LANDINGS AND TAKE-OFFS ON THIS CHANNEL, THEREFORE, ARE DANGEROUS AND PRESENT A HAZARD TO CANAL TRAFFIC AND SMALL BOATS. ALL AIRMEN ARE CAUTIONED THAT SUCH ACTIVITIES MAY CONSTITUTE CARELESS OR RECKLESS OPERATION OF AIRCRAFT.

✓ CAUTION- MANY SEAPLANE LANDING AREAS IN THE NORTH ARE CLOSED DURING WINTER MONTHS BECAUSE OF ICE.

R-radio facilities. L-lighting facilities. S-servicing. (See page IV) → NEW OR REVISED DATA **N.B. Seaplane bases and anchorages are not charted or indexed.**

NOTICES TO AIRMEN

SPECIAL NOTICES

ARMY DATA: Advice covering Air Forces Fields or Air Forces Operations on civil fields, or AAF Radio Facilities, and Danger or Caution Area activation, as well as requests for approval for the closing of any Army airfields to transient military aircraft for a period in excess of 10 days should be directed to: COMMANDING GENERAL, AIR TRANSPORT COMMAND, WASHINGTON 25, D. C. ATTENTION: HEADQUARTERS FLIGHT SERVICE, FLIGHT OPERATIONS. Information to be published will be coordinated and submitted to the C.A.A.

NAVY FACILITY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/ground communications facilities, instrument approach procedures and navigational aids, should be directed to: THE DIVISION OF AIR NAVIGATION, HYDROGRAPHIC OFFICE, WASHINGTON 25, D.C., for transmittal to the C.A.A. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946 , approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF Regulation 85-2. The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 85-2 and AAF Regulation 85-2A, which state in part: "Except for those Army aircraft assigned to civil contractors or agencies under bailment contract, no Army aircraft will utilize civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Government, except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major air command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks section of AAF Form 23 that competent authority authorized use of such fields and will be transmitted in Remarks section of the flight plan as 'authorized flight'. All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters 'A, N, or P' in the Airman's Guide. It is the responsibility of the various air forces, major air commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation".

(2) Official Business: Within the meaning of AAF Regulation 85-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units or organizations at or near the airfield selected for landing for the purpose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

(3) Policy of Army Use of Temporarily Inactive Airfields. (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein (directory section only) by the following notice: "ARMY TEMP INACTIVE - CIVIL FACS." (b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned. Such airfields will be identified herein (directory section only) by the following notice: "TEMP INACTIVE - NO FACS". The aforesaid policy statement is not to be construed as countermanding any AAF Regulation or letters governing command use of municipal airports or Army airfields.

4. "CLOSED" Army Air Fields: Under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF, from time to time certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed as "CLOSED": Such as, (a) Fields closed to all transient traffic except on official business or in emergency; (b) Fields that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by the WAA. The listing "CLOSED" will appear in the directory section only. Airfields so designated will be used on official business only under written orders in each case.

MILITARY AND NAVAL LANDINGS IN NEWFOUNDLAND: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Field, Fla., Washington National Airport, D.C., or Westover Field, Mass. ALASKA - McChord Field, Wash., or Great Falls AAF, Mont. BERMUDA - Mitchel Field, N.Y.; Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. CANADA - Great Falls AAF, Mont.; McChord Field, Wash.; Washington National Airport, D. C.; Selfridge Field, Mich.; or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif.; Kelly Field, Tex.; or Morrison Field, Fla. CARIBBEAN - Morrison Field, Fla.; or Kelly Field, Tex. ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C., and Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

OPERATING PROCEDURE WITH FLIGHT SERVICE UNDER AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases. No change. Reference: AAF Regulations 15-23 and 60-22. (2) Departure from non-AAF Bases. AAF aircraft departing from non-AAF bases will file a complete flight plan with, and secure approval from the nearest Flight Service Center prior to takeoff, or as outlined in AAF Regulation 60-22. Communications with a Flight Service Center may be established by direct telephone to the center; or by a radio call to the nearest AAF Base or AACS Airways radio station. After obtaining the Flight Service approval, pilots contemplating flight under Instrument Flight Rule conditions will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA directly through CAA Communications facilities. If CAA Communications facilities are not available, however, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute. AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of Instrument Flight Rule (IFR) Flight Plan, or CFR to IFR, or IFR to CFR enroute. AAF aircraft requiring a change of route, altitude, point to first intended landing, cruising speed or alternate airport, or change from CFR to IFR or IFR to CFR enroute, will contact a CAA communications station for coordination and approval by CAA Airway Traffic Control and Flight

✓ Indicates new or revised Special Notice

Service. If communications with CAA communications station cannot be established, AACS Airways radio station will be contacted for coordination and approval by CAA Airway Traffic Control and Flight Service. (5) CFR Position Reports. When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS Airway radio stations enroute and receive any necessary advisories from Flight Service (6) IFR Position Reports. When flying under IFR conditions, pilots will first make position reports to CAA communication stations as heretofore required, and will then make position reports to AACS Airways radio stations in order that the responsible Flight Service Center may furnish any necessary advisories. (7) Voice Calls. AACS Airways radio stations will be called by the location name followed by the word "airways" such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable An index of AACS Airways Stations within the U.S., together with a listing of the assigned frequencies, may be found on pages 94 and 95 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service	
A	116.10 mc.	CAA AIRWAYS (RANGE STATIONS)	* AACS Airways (Plan 62)
B	126.18 mc.	CONTROL TOWERS	
C	137.88 mc.	AACS AIRWAYS (PLAN 62)	* Control Towers
D	140.58 mc.	MILITARY EMERGENCY & GCA FINAL APPROACH CONTROL	

*Available for service indicated on a secondary basis.

(9) It will be some time before all AAF aircraft are equipped for operation on AACS Airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS Airways frequencies will contact airways stations whenever possible rather than AAF control towers. (10) The following list of telephone numbers will be used for contacting military Fli ght Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington; Pittsburgh; New York; Boston	Olmsted Flight Service Center Middletown, Pa.	Steelton 93387 Steelton 93470
Jacksonville; Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4871
Memphis; New Orleans; Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery 89
Cleveland; Cincinnati; Detroit; Chicago; St. Louis	Wright Flight Service Center Dayton, Ohio	Osborn 88691, 88692
Fort Worth; San Antonio	Fort Worth Flight Service Center Fort Worth, Texas	Ft. Worth 77251
Denver; Minneapolis; Kansas City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 Denver LD 117
Los Angeles; Albuquerque; El Paso	March Flight Service Center Riverside, Calif.	Riverside 7107, 7108
Oakland; Salt Lake	Hamilton Flight Service Center San Rafael, Calif.	San Rafael 770
Great Falls; Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD 20 Tacoma LD 21

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc. band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with the directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

CLEARANCE OF AAF AIRCRAFT IN NEW YORK CITY AREA: In accordance with AAF Letter 63-9 of March 3, 1947, the following instructions will govern the clearance of AAF aircraft to and from the New York City Area (encompassed by a 25-mile radius from the southern tip of Manhattan).

(a) FLIGHTS INTO THE AREA: AAF aircraft flying into the area may be cleared for any authorized field therein, but will in all cases secure in-flight clearance from Mitchel Field (Army Flight Service) prior to proceeding to the field of destination. AAF Form 23 will indicate a flight plan to the field of destination via Mitchel Field. Mitchel Field (Army Flight Service) will approve further clearance to other fields in the area under the conditions listed below only. If further clearance is refused, aircraft will land at Mitchel Field or at any other authorized field outside the area.
(1) CFR. When the ceiling is at least 2000' and the visibility is 3 miles or more.
(2) IFR. (a) When the visibility is not less than 1 mile and the ceiling is unlimited.
(b) When the visibility is not less than 2 miles and the ceiling is not less than 5000'.

(b) FLIGHTS OUT OF THE AREA: AAF aircraft departing from the area from fields, other than Mitchel, will be cleared subject to the conditions listed above for CFR and IFR clearances. AAF aircraft engaged in regularly scheduled transport flights under the operational control of the Air Transport Command are exempted from the above restrictions.

✓ VHF CHANNEL ASSIGNMENTS:

Following are Army assignments:				Following are Navy assignments:			
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
A	116.1	H	134.10	1	116.1	6	134.64
B	126.18	U	108.3	2	140.56	7	143.64
C	137.88	V	108.7	3	126.18	8	142.02
D	140.58	W	109.1	4	128.70	9	142.74
G	137.70			5	143.28	GUARD	140.58

FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, U.S. CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES, CANADIAN REGULATIONS FOR CFR AND IFR FLIGHTS, FLIGHT INTO PANAMA CANAL ZONE: These procedures and regulations were all incorporated into the Flight Information Manual, Vol. 1, No. 2, dated January 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the Airman's Guide.

✓ C.A.A. OVERSEAS/FOREIGN AERONAUTICAL COMMUNICATIONS STATIONS TRANSMITTING FREQUENCIES: Following are corrections to data carried in Airman's Guide, Vol. 1, No. 26: Under Miami, Fla., change frequency 5692.5 kcs. to 5692.5 kcs. Under New Orleans, La., change call letters WEX to WEK.

MEXICAN ENTRY FEES: At Mexican Airports of Entry, charges include an overtime fee of 30 pesos after 12 noon for Immigration Inspection and a fee based on a full day's wage for each inspector involved for each 3 hours of overtime or fraction thereof after 2 P.M. for customs inspection. Charges may also be made for a Customs guard to watch the plane and for the taxi fare to bring inspectors to the field after 12 noon. In American money total fees may approximate $15 to $20.

CAUTION ADVISED IN USE OF GUATEMALA-HONDURAS AREA AERONAUTICAL CHARTS: Flight checks have revealed that elevations indicated on Gulf of Fonseca (710) Aeronautical Chart covering the Guatemala-Honduras-Nicaragua Area, dated Dec. 1946, are as much as 4300 feet too low. This chart is being thoroughly rechecked and a new chart will be issued as soon as possible.

✓ SAN JUAN, P.R., PRE-FLIGHT CLEARANCES: San Juan Civil Air Terminal (U.S. Naval Air Station), Isla Grande Airport, San Juan, Puerto Rico - All civil operations at San Juan Air Terminal were assumed by the Puerto Rico Transportation Authority effective 0000 local time, March 4, 1947. Advance authority must be obtained for landings at this airport prior to the commencement of any flight. Address requests to Airports Division, Box 3508, San Juan, Puerto Rico. The cable address is "Autoritan".

✓ SAN JUAN, P.R., TRINIDAD, B.W.I.; AND GUANTANAMO, CUBA, NAVAL COMMUNICATIONS WITH COMMERCIAL AIRCRAFT: Effective March 24, 1947, and until further notice, NAS San Juan, NAS Trinidad, NAS Guantanamo, will guard 6515 kcs. voice cont., transmitting and receiving, for communication with commercial aircraft.

✓ DAKAR, AFRICA WEATHER BROADCAST: Effective 0820Z GCT, March 24, 1947, station WFG commenced broadcasting Dakar METAR hourly at 20 minutes past each hour on 3285 kcs., A1 emission.

GOAT ISLAND, JAMAICA COAST GUARD RADIOBEACON: The Coast Guard Radiobeacon at Goat Island, Jamaica, has been discontinued.

PALISADOES AIRPORT FACILITIES, KINGSTON, JAMAICA, B.W.I.: The Palisadoes Airport is a British Government controlled airport. The Government controlled tower transmits on 397 kcs. only, and guards 2870, 3105, and 6210 kcs. It is necessary for all itinerant flights coming to Palisadoes to file Flight Plans from point of departure to the Communication Station at Kingston - call letters MRX. This Flight Plan should be marked for Information: Palisadoes Airway Traffic Control. The route frequency of 6515 kcs. A3 emission is guarded at MRX. They have a good signal on this frequency and can be read consistently throughout the day and night in the Caribbean Area. Flight Plans may be filed for transmission to Palisadoes through the CAA operated Overseas Foreign Aeronautical Communications Station, WBR, Miami.

NOTICE OF CONSTRUCTION OF NEW LANDING AREAS: Part 525 of the Regulations of the Administrator of Civil Aeronautics will be amended April 6, 1947, by the addition of a new paragraph. The basis and purpose of the new paragraph is:

The construction of a landing area within 5 miles of an existing landing area may constitute a hazard to the navigation of aircraft in air commerce, unless proper notice of such construction is given to all airmen and the traffic pattern for such landing area is coordinated with that of the existing landing area. To accomplish such notice and coordination, the Administrator of Civil Aeronautics must be notified of the construction of any landing area and any boundary of which will be located within 5 miles of an existing landing area. Below is the entire revised Part 525:

PART 525 - NOTICE OF CONSTRUCTION OR ALTERATION OF STRUCTURES ON OR NEAR CIVIL AIRWAYS: "525.1 Notice Required". Any person before engaging in the construction or alteration of any structure along or within 20 miles of a civil airway, in other than congested parts of cities, towns, or settlements, shall give notice thereof to the Administrator of Civil Aeronautics if the top or any part of such structure is, or may become, by reason of such construction or alteration greater than 150 feet above ground level, or above mean water level where the structure is, or will be, situated in or over navigable water. Like notice shall also be given to the Administrator or Civil Aeronautics if the top of any part of such structure is, or may become, by reason of such construction or alteration, greater than 5 feet above ground level, or above the mean water level where the structure is or will be situated in or over navigable water, for each 500 feet, or fraction thereof, of the distance that the structure is, or will be, situated from the nearest boundary of a landing area. "525.10 Construction of Landing Areas". Any person who engages in the construction of a landing area, as defined in section 525.3, any boundary of which will be within 5 miles of the nearest boundary of an existing landing area, shall give notice thereof to the Administrator of Civil Aeronautics. "525.2 Form of Notice". The notice of construction of alteration shall be submitted in triplicate on the form prescribed and furnished by the Administrator at least 30 days, but not more than 45 days, prior to the date on which such construction or alteration is to begin: Provided, that in case of an emergency requiring immediate construction or alteration such notice shall be given to the nearest representative of the Administrator in person, or by telephone or telegraph, and the executed form shall be submitted within 5 days thereafter. "525.3 Definitions:" As used in this regulation, - (a) 'Congested parts of cities, towns or settlements' means (1) sections of those cities, towns or settlements which have a population of less than 100,000, where a structure after construction or alteration will be shielded by existing structures of a permanent and substantial character, each of which is equal to or greater than the height of the completed structure, and (2) sections of those cities which have a population of more than 100,000, where it is evident beyond all reasonable doubt that a structure will not interfere with safety in air commerce whether or not the structure is, or will become by reason of the construction or alteration, greater in height that that of surrounding structures of a permanent and substantial character. (b) 'Landing Area' means any landing area, as defined in section 1 (22) of the Civil Aeronautics Act of 1938, as amended, and which is contained in the current list of landing areas issued by the Administrator on November 1 of each calendar year for the enforcement of this regulation. (c) 'Boundary of a landing area' means (1) the limits of that part of a landing area maintained for the use of landing aircraft in taking off or landing, or (2) the limits of that part of a landing area suitable for water aircraft in taking off or landing, which limits are defined as being 5000' in all directions measured over open water from the principal ramp of the landing area or, if marked in accordance with standard practice, the limits so marked. (d) 'Structure', unless otherwise stated, means any form of construction of a permanent or temporary character, including any apparatus used in the construction, alteration, or repair of any such structure. (e) 'Alteration' means any change in a completed structure which (1) increases the height of the top or any part of the structure to, or above, the height specified in Section 525.1, or (2) increases or decreases the height of the top or any part of the structure which is above the height specified in Section 525.1. "525.4 Effective Date". This regulation shall become effective on November 1, 1941, and shall apply to the construction or alteration of any structure in progress on that date, except that in such cases the prescribed notice shall not be required until November 1, 1941. This regulation shall apply immediately to any new landing areas contained in the list of landing areas published and issued by the Administrator on November 1 of each calendar year, except that, in the case of construction of alteration of any structure which is already in progress on that date, the prescribed notice shall not be required until 15 days after that date".

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

✓ OLD PILOT CERTIFICATES MUST BE EXCHANGED: All pilot certificates issued prior to July 1, 1945, will expire on July 1, 1947. Such certificates may be exchanged for new-type certificates at any time prior to their expiration date.

PERSONAL POSSESSION OF PILOT CERTIFICATE: No person shall pilot a civil aircraft within the U. S. unless he holds a valid pilot certificate with

appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

NEW PRIVATE FLIER VHF FREQUENCIES: All CAA Communications Stations and Towers are discontinuing receiving watches on 131.7 and 131.9 mcs. as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs. for transmission to CAA Communications Stations and 122.5 mcs for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs. but the communications stations program is not fully effective yet because of non-receipt of the new receivers. CAA communications stations will reply to itinerant aircraft on 111.1 mcs or the voice channel of the VHF radio range. CAA airport control towers will reply to itinerant aircraft on 1 of the frequencies 118.3, 118.5, 118.7, or 118.9 mcs. See individual data pages in AIRGI for inclusion of these frequencies as commissioned.

U.S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it is suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmissions.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Revised arrival, departure, holding, instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area effective Feb. 16, 1947. Non-air carrier pilots proposing instrument flight through this area or to or from Newark, Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, N. Y., for copies of applicable Operations Letters describing these procedures.

✓ AIRWAY REPORTING POINTS: The following reporting points have been established:

	INTERSECTION	NAME	REPORTING
NW	Salinas VHF and SW Fairfield	Bolinas	Non-Compulsory
NW	Salinas VHF and W Moffett	Saratoga	Non-Compulsory
NE	Salinas VHF and SE Oakland	Hollister	Compulsory
NW	Stockton and SW Sacramento	Rio	Non-Compulsory
E	Stockton and SE Sacramento	Peters	Compulsory
SE	Santa Barbara VHF & Los Angeles VHF	Anacapa	Compulsory

In addition, the intersection of the NW course of Fresno and the SE course of Oakland has been changed to Morgan Hill.

✓ AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: Correct TO-08-15-1, dated Feb. 27, 1947, page 22, by showing Bedford DBH homing facility class as MH (Power is 40 watts); page 26, by showing frequency of Cincinnati radio range as 335 kcs.; page 30, by adding Marshall, Mo. range transmitting and receiving on Channel A; page 40, by adding Columbia range transmitting and receiving on Channel A; page 40, by adding New Florence range transmitting and receiving on Channel A; page 60, by adding Alamo tower transmitting and receiving on Channel B; pages 60 and 61, by showing Lake Charles AAF tower freq. as 278 kcs.

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc.) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage in the "Airman's Guide", full cognisance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

N.B. AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields, and before taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest or Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons indicate suspension of CFR traffic.

LEGEND

All radio facilities except towers are CAA facilities unless otherwise cited. All towers are listed by operating agency. All range bearings are magnetic inbearings. All fan markers and station location markers operate on 75 mcs. All radio facilities operate continuously unless otherwise specified.

AIR NAVIGATION AID DATA

** - New or revised airport, danger areas, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

[redacted]

BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans acft. (1-9)

BATES FLD (MOBILE)-RADIO: CAA operates twr, traffic controlled by lgt gun only from 0800 to 1800 daily. (3-5)

BIRMINGHAM ARPT-RADIO: Inner compass lctr will be comm soon, lctd 0.72 mi. from SW end NE-SW rnwy operating on 356 kcs. Ident. "H". (3-17) FLD: Closed to civil acft not equipped with operating rcvr. No landings on sodded areas. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling runwys. No maintenance. (3-21)

BROOKLEY FLD (MOBILE)-RADIO: Air/gnd stn freqs of 4845 kcs. and transmitting freq. of 2862 kcs temp inop. (2-24) FLD: Soft-use rnwys, taxi strips only. No 91 oct. (10-4)

CAMP SIBERT AAF (ATTALLA)-CLOSED TO ALL ACFT.

CENTRE ARPT-In wet weather, avail. lgt acft only. (12-16)

CHASTAIN'S ARPT (PRICHARD)-2600' of E/W strip avail, mrkd. (2-19)

COLUMBIANA ARPT-N end strip rough, rocky. (12-16)

CRAIG FLD (SELMA)-RADIO: Army DF stn not operating. (12-20) FLD: Bndry lgts inop. (11-12)

DANNELLY FLD (MONTGOMERY)-NE taxi strip closed (parked acft)(8-12)

EUTAW ARPT-NW 600' NW/SE strip soft with large holes and 50' trees 150' from SE end. Use NE/SW strip. (2-11)

ALABAMA

GUNTER FLD (MONTGOMERY)-Use rnwys only. Sod areas adj rnwys and taxi strips soft. Use Maxwell Fld for trans svcg. (1-10)

HARTSELLE ARPT-Graded area rough. Fld soft when wet. Use W side of strip. (2-3)

HUNTSVILLE -Bombing and mortar firing is being conducted within the following described area: beginning at the Tennessee River Channel at lat. 34-34-30, long. 86-44; due N to Southern RR; easterly along RR to long 86-42; due S to said river; SW along river to point of beginning.

MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi. S looks like arpt and lgts give impression of parallel rnwys. (10-17)

MOTON FLD (TUSKEGEE)-Soft spots after heavy rains. (2-18)

NAPIER FLD (DOTHAN)-Avail. civil. acft in emerg only. 175' water tank obst lgt inop. (1-12)

**TUSKEGEE INSTITUTE ARPT NO. 1-ABANDONED (3-25) See page 124

VAN DE GRAAFF ARPT, SITE 59, FV-AG (TUSCALOOSA)-Extreme NW and SW ends fld soft in wet weather. (1-23)

ARIZONA

ASHFORK INT, SITE 36A, LA-AQ-Center 100' of strips rough, rocky, bal fld hazardous due to grass and hills. (3-4)

COCHISE INT, SITE T-3, PH-EO-Rough, tall grass off strips-usable with ctn.(2-14)

DAVIS-MONTHAN FLD (TUSCON)-E fld closed-acft parked on rnwys. Blinding ceilometer projector W end fld half way between ends of NW/SE, E/W rnwys. (1-16)

DEEP LAKE INT, SITE 54A, LA-AQ-Soft. Fld hazardous use in emerg only. (3-4)

DOWNTOWN ARPT (TUSCON)-Rnwy 30 will be lgtd ngtly for 2 weeks per month from 1900 to 2300 for pilot training. Only obst lgts are those in line with lgtd rnwy. All ngt training flights will operate S of arpt. (2-3)

**ECHEVARRIA ARPT (WICKENBURG)-Name changed to Wickenburg Mun. Arpt. See page 84. (3-18)

FLY FLD (YUMA)-800' traffic pattern all rnwys. Avoid local traffic days. Parking rstd to W side fld. (3-22)

FT. APACHE ARPT (WHITE RIVER)-Use strips with ctn in wet weather. (3-31)

GILA BEND-RADIO: 116.1 mc transmitter temp inop. (3-28)

JOSEPH CITY-RADIO: FM on E course of Winslow range temp inop. (1-21)

KINGMAN AAF-No inst flights cleared to Kingman. No obst lgts atop Haulpai Mt. (8500' MSL) 11 mi S. (3-10)

LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. No ngt opers. (3-13)

LUKE FLD (PHOENIX)-Traffic direction indicator on second hangar from N inop. Traffic direction indicator S end N/S rnwy free-swinging. (1-7)

**MOHAVE CO. ARPT (KINGMAN)-Not maintained (2-24) See page 53

NOGALES INTERNATIONAL ARPT (NOGALES)-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (1-13)

PHOENIX-Inst. train. on Phoenix Range between 5500' and 9500'.

RYAN FLD (TUCSON)-Use rnwys only, bal fld soft in wet weather. Washes N edge. (1-20)

SKY HARBOR ARPT (PHOENIX)-Area E of N/S rnwy closed (rough). Neon approach lgts to be installed in conjunction with ILS. (3-4)

THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft).

TUCSON ARPT-Trans acft desiring to use fld after 2100 will give 2 hrs advance notice in order that lgts may be turned on. (2-24)

WILLIAMS FLD (CHANDLER)-Use rnwys only.

WINSLOW ARPT-E end E/W taxi strip beyond first tie-in closed. (1-30)

ARKANSAS

EL DORADO-RADIO: VHF range flight-checked and comm on exper basis only at lat 33-17-00, long. 92-46-00. Freq. 109.1 mcs. Ident. "LD". Visual courses 45°, 225°; Aural courses: 135°,315°. Mag var. 7° E. Stn class: VARW. (2-3)

EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only.(1-10)

**FORT SMITH ARPT-Four twr 611.2' MSL of Rdo Stn KWHN erected 1.5 mi NE(50°) true at lat 35-20-36, long 94-21-30, standard obst lgts (3-12) Taxi strips connecting E/W rnwy with Admin Bldg closed to all acft of 5000 lbs or more.(3-26)

GRIDER FLD (PINE BLUFF)-Closed ngts. (3-11)

HELENA-Two unlgtd 405' twrs crossing Miss. River at S edge City. (11-7)

JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)

LEVEE FLD (WEST MEMPHIS)-Ctn when wet. (9-23)

LITTLE ROCK-RADIO: Stn guards 3117.5 kcs 2300 to 0700.

LUXORA INT, SITE 39, NO-LS-30' unlgtd pole line being erected S end N/S rnwy. (9-27)

McGEHEE ARPT-Cattle on fld intmtly. (9-6)

McLAUGHLIN ARPT (HOT SPRINGS)-RADIO: Mobile Army twr transmits on 4420 kcs and receives on 4495 kcs only. (9-11)FLD: Use ctn when landing and taking off. Crash and fire fighting equip. avail. 0900 to 1700 Mon thru Fri. Soft sod in wet weather. (3-17)

PINE BLUFF-RADIO: VHF range operating on an exper status only, because of no facs to control or monitor range. Lat 34-14-48, long. 91-55-36. Freq. 108.7 mcs. Ident "PL". Visual courses: 13°,193°, aural courses: 103°,283°. Stn class: VARW. Mag. var. 7° E.

THOMPSON-ROBBINS FLD (HELENA)- Use rnwys only, soft and rough. (3-17)

WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only. Equip. on fld. Closed 1730 to 0800. NE/SW rnwy closed. (3-17)

CALIFORNIA

**ACTON, BCN SITE 4A-LA-AQ-Site changed to 5A. Course lgt Char changed to (. - .) (3-17)

ALAMEDA NAS-Maintain high approach on Rnwys 26L and 22. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Lgtd dredge and pipe extending to shore operating 1/2 mi S of lagoon in seadrome. Equip adj to and on rnwys. Fld on positive control. (8-16)

ARCATA-RADIO: Change of freq of UAL operated MRL range to 209 kcs indefinitely postponed. (3-24)

**ARCATA ARPT-Exten experimental lgting. Class: 60h R3 L. Closed to acft without 2-way radio. Use surfaced areas only. (3-25)

AUBURN PEAK, BCN SITE 103 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)

**BAGDAD INT, 16, LA-AQ-Site No. changed to 18. Green crs lgts now flash dash, dot, dot, dot. (3-20) See page 53

★BAKERSFIELD-KERN CO. ARPT-RADIO: CAA ILS operates during IFR weather conditions only, but is avail. on req for training purposes. Mar 29, middle mrkr decomm and relctd to a point 3290' SE of SE end NW/SE rnwy, at lat 35-24-52, long. 119-01-50. Bndry mrkr decomm. These data rcvd too late for data page. FLD: Unlgtd 92' pwr line 1/2 mi N of bndry. (2-21)

**BAY MEADOWS ARPT (SAN MATEO)-Semi-perm port ctc, flood, landing strip, obst lgts avail for one hr after dark, no bcn. (2-21) See page 49 Const on rnwys and taxiways until approx July. Rnwy 31 usable in all weather for acft up to 2500 lbs. Taxiways closed during wet weather, and should only be used with ctn during winter months. When taking off on rnwy 31, make a climbing turn of 45° to the right after crossing 19th Ave. but not lower than 200'. When landing acft turn off rnwy toward nearest taxi strip. No taxiing back on rnwy. (2-21)

BECKWOURTH ARPT-Ctn during winter, soft. Fld rough. (2-17)

BLYTHE AAF-Obst lgts atop control twr inop. (2-28)

BORDERLAND FLD (SAN YSIDRO)-Target drone Unit 36 conducting flights between 0900 and 1600. (1-21)

BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs).
BURBANK-LOCKHEED AIR TERMINAL-Right traffic use Rnwys 7, 15; left traffic use Rnwys 25, 33. Approach lgts Rnwy 7 changed to red. 2-way rdo rqrd all acft. Rnwy 13-31 closed (parked acft). (1-31)
CAL AERO ARPT (ONTARIO)-Use rnwys only (parked acft). (3-24)
CANNON FLD (FRESNO)-Landings from SE and take-offs to SE prohibited. (11-6)
CASTLE FLD (MERCED)-No opers office. (3-24)
CATES, BCN SITE 235 MI. BLINKER, SF-SA-Beacon inop. (2-17)
CLEAR LAKE SEAPLANE BASE-Avail. in emerg only. (6-11)
COALINGA ARPT-NW 1500' NW/SE rnwy rutted. Shoulder adj to inside of rnwy avail. for taxiing. Left traffic at 500'. (2-17)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)
CORCORAN-135' unlgtd twr being const adj Santa Fe Railroad, downtown Corcoran. Upon completion will be 148' high and lgtd.
COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (2-27)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs).
★DAGGETT-RADIO: Adtnl VHF voice fac avail. at commun stn on 111.1 mcs.(3-24)
DEATH VALLEY NATIONAL MONUMENT (FURNACE CREEK)-All traffic away from mountain side of strips regardless of wind. (2-20)
DEL MAR ARPT-Right traffic at 600' with prevailing westerly winds. (3-3)
DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (3-31)
EL CAJON ARPT-Right traffic when landing and taking off to the E. (3-26)
EL CENTRO-Obst lgts atop S and W rng twrs inop. (1-9)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (12-11)
EL TORO MCAS (SANTA ANA)-Fld carrier landing practice Rnwy 25L. Trans acft use Rnwy 25R when practice in progress. (11-15)
★FAIRFIELD-SUISUN AAF (FAIRFIELD)-RADIO: Army GCA sys opers cont during IFR; 0900-2100 Mon thru Fri; and on 30 minutes call at all other times. (3-21) Army range unreliable, use for homing only. (9-30) Army ILS inop. (3-13) FLD: First 1000' Rnwy 25 oper to acft days and CFR opers only. (3-13)
★FRESNO-RADIO: VHF voice fac comm at commun stn Mar 16. Transmits on and guards 116.1 mcs.
GARY FLD (BLYTHE)-Use rnwys only (parked acft).
GILLESPIE MCAAF-Use E/W rnwy only. Right traffic when landing and taking off to the W. (3-26)
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000' Closed ngts (lgts inop). (1-26)
HAMILTON FLD (SAN RAFAEL)-Exten to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off to the NE-right when landing or taking off to the SW. All flying under supervision of arpt manager at all times. (3-19)
HASTER FARM OLF (GARDENGROVE)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)
★HAWTHORNE ARPT-NORTHROP FLD-RADIO: Former Army twr now operated by civil. personnel. (3-20) FLD: CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Arpt.
HOBERG ARPT (LOWER LAKE)-Take off to SSE- land to NNW. (7-11)
HOLTVILLE ARPT-Closed-emerg use only.
HORNE FARM OLF (LOS ALAMITOS)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)

HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (1-13).
**LANG, BCN SITE 3, LA-AQ-Changed to Site 4. Course lgt char. changed to (....) (3-17)
**LAVIC BCN SITE 13-Changed to Site 16. Red crs lgts flash dash, dot, dash. (3-20)
LINDBERGH FLD (SAN DIEGO)- Acft departing for or arriving from Mexico land at Lindbergh Fld for customs clearance. (1-29)
LIVERMORE NAS-Avail. emerg use only. (10-1)
**LIVERMORE OLF-Will hereafter be carried as Livermore Sky Ranch Arpt. Bcn and bndry lgts. (2-18) See page 49
LIVERMORE SKY RANCH ARPT- Avail. only lgt acft, all acft in emerg. (2-18)
LOCKHEED AIR TERMINAL-See Burbank.
★LONG BEACH-RADIO: Adtnl VHF voice fac comm at commun stn on 111.1 mcs. (3-20)
LONG BEACH ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (3-20) FLD: Ltd maintenance and only 100 oct avail. Army acft. (2-28)
LOS ALAMITOS NAS (LONG BEACH)-Closed 1730 to 0800 except in emerg. Rnwy 22L closed. (9-1)
LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl area from 2000 to 2300 daily. (7-26)
LOS ANGELES-RADIO: Occasional course displacement observed- use only when acft equipped with ADF for course monitoring. (2-24)
**LOS ANGELES ARPT-MINES FLD-Name changed to Los Angeles arpt. See page 138. (3-19)
★LOS ANGELES ARPT-RADIO: CAA ILS bndry mrkr decomm Mar 20. ILS fac flgt-checked Feb 21, oper normal, except back course of lclzr serving Rnwy 25, unusable. Soon, outer mrkr, keying two dashes per sec will be relctd 6 mi from end of Rnwy 25, middle mrkr keying alt dots and dashes will be relctd 0.64 mi from end of Rnwy 25. (3-24)FLD: Unlgtd oil derricks on approach to Rnwy 34. E/W paved strip S side fld avail. taxiing only. N side fld under const. Equip. on fld. All landings, take-offs and taxiing rstd to paved areas. Rnwys 11-29, 4-22 closed. Obst lgts atop 40' pole 350' S of twr inop. (1-22)
LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be avail. on short notice due to congestion in anchorage area. Two hrs advance notice should be given if possible. (7-1)
MACHADO ARPT (SANTA MARIA)-Use strip only. (2-23)
MADERA ARPT-Lgts optg. These data rcvd too late to delete ⓐ symbol. (3-26)
MARCH FLD (RIVERSIDE)-Rnwy 7-25 closed-avail. on twr permission only.(1-8)
MARTINEZ ARPT-Unusable during rainy weather. (2-24)
★MATHER FLD (SACRAMENTO)-RADIO: Mar 19, Army ILS decomm. FLD: Use rnwys only- mat unserviceable. (1-29)
McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip. and parked acft adj all rnwys and taxiways. Shoulders, unsurfaced areas unsafe.(12-26)
MERCED MUN. ARPT- Daylgt oper of bcn indicates fld closed except to scheduled air-carrier acft. (1-10)
MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)
MOFFETT NAS-LTA (MOUNTAIN VIEW)-Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. (12-20)

MOJAVE NAS-Closed to all traffic except acft on off. bus. (2-1)
MONTEREY PENINSULA ARPT-Right traffic Rnwys 24, 28; left traffic Rnwys 6, 10. (2-25)
MUROC AAF-RADIO: Army range unreliable and to be used for homing and training purposes only. (2-18) FLD: Lctd within a danger area. No facs 1900 to 0700 or Suns. Closed to all trans acft except on written permission Commanding General, Air Materiel Command, Acft will not carry trans passengers to this fld. (3-7)
★OAKLAND-RADIO: Addtnl VHF voice fac aval. at commun stn on 111.1 mcs (3-25) FLD: Naval acft avoid fld except on off. bus. Rock surface area between E and W taxiway and Rnwy 27R avail. lgt acft. Take-off from center of area, adhere to instructions issued by twr. Taxiway leading from Rnwy 33 to ramp at Navy Terminal closed. Equip. on grass area W of Rnwy 24 ngts. Area under const, mrkd. No gas or maintenance facs avail. 1800 to 0800 except in emerg. Ltd gas, maintenance facs 0800 to 1800. Closed to civil. acft except on authority Arpt Superintendent. Rnwy 6-24 avail. lgt acft-avail. heavy acft for taxiing only. Equip. on N taxiway and E approach to Rnwys 27R and 27L. 87' lgtd twr adj NW (303°) true until approx Apr 8. (2-25)
O'BRIEN, BCN SITE 21B, SF-SA-Soon bcn site, 15-1/2 mi NNE Redding, Calif. will be perm discont. (12-14)
O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only: Strip muddy when wet. (2-24)
OXNARD FLIGHT STRIP (OXNARD)-Use rnwys and shoulders only. Taxiways and bldg area closed. (2-20)
PALM SPRINGS ARPT-Right traffic, all take offs and landings on rnwys 31, and 35. Rnwys 17, and 13 usual left. (2-25)
PLACERVILLE ARPT-Fld avail. Rcvd too late to delete ⓞ symbol.
★RIVERSIDE-RADIO: Adtnl VHF voice fac comm at commun stn on 111.1 mcs.(3-18)
ROCKLIN, BCN SITE 93 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
SACRAMENTO ARPT-Use rnwys, taxi strips only-shoulders and fld soft. Unsafe small acft-rough. (2-21)
SAGE, BCN SITE 114, MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
SAN BERNARDINO CO. ARPT (DAGGETT)-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. Areas immediately outside bndry lgts utilized for sto. Remain on rnwys unless in vcnty of bldgs N of intersection Rnwys 3, 7. (3-13)
★SAN DIEGO-RADIO: Adtnl VHF voice fac avail at commun stn on 111.1 mcs.(3-25)
SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing thru Point Love (black and orange checkered buoy) unless directed by twr. Point Love (black and orange checkered buoy) is lctd on traffic pattern 1-1/2 mi S of Hotel Del Coronado. Acft crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibious Train. Base at an alt of less than 1500'. Multi-engine acft land on heavy duty rnwys, single-engine acft on asphalt mat. (12-5)
SAN FRANCISCO ARPT-Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Rnwy 14-32 closed. (1-20)
SAN FRANCISCO CGAS-Seaplane harbor, channel and landing area unmrkd day or ngt. Facs avail., but unmrkd. Seaplanes landing can be taken care of either at Coast Guard or PAA. (3-22)
SAN MATEO ARPT-Const. Avail. lgt acft only. (2-24)
SAN NICOLAS ISLAND OLF-Use in emerg only (caretaker status-no facs).
SANTA BARBARA ARPT-Approach and ctc lgts Rnwy 15-33 inop. Equip. on rnwys. Closed to glider opers. (1-16)
SANTA MONICA ARPT-CLOVER FLD-Avail. trans acft with 2-way radio. Closed ngts and to all student pilots. (1-10)
••SANTA ROSA ARPT-Name changed to Sonoma County Arpt (2-19) See page 48.

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SHASTA SKY RANCH ARPT (FALL RIVER MILLS)-Ctn when wet. (2-24)
SHERMAN FLD (WALNUT CREEK)-Surplus Acft Sales Center-parked acft.
SHERWOOD FLD (PASO ROBLES)-40' unlgtd tension wires E end E/W strip (3-17)
SILVER LAKE INT, SITE 18, LA-SL.E quarter fld rough. (3-24)
SONOMA CO. ARPT (SANTA ROSA)-Use rnwys, taxiways, aprons only, bal fld soft. Closed to trans acft from 1300 to 1700 Sunday Apr 13, air show. (3-16)
SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NAAS Ream Fld. No communications at landing strip. (12-5)
TERMINAL ISLAND NAAS (SAN PEDRO)-Trans acft not cleared after sunset. (2-21)
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (3-7)
••TROY BCN SITE 12, LA-AQ-Changed to Site 14, LA-AQ. Course lgt Code now "4" (....) (3-15)
TRUCKEE INT, SITE 16B, SF-SL-1 to 3' snow on fld. (1-28)
VAN NUYS METROPOLITAN ARPT-RADIO: Municipal twr inop. FLD: Avail. civil. acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without radio may enter providing previous arrangements have been made with twr (12-5)
VENTURA CO. ARPT (OXNARD)-Bcn, bndry, obst lgts inop. Battery operated, port-rnwy lgts avail. ngts in emerg or by prior arrangement. Const equip. on fld 0700-1600 daily except Sunday. Areas under const flagged. Use paved rnwys and taxiways only. (2-20)
VERNALIS FLD-CLOSED. (1-14)
VICTORVILLE AAF-Use rnwys 16L-34R, 7R-25L, 3R-21L only. (2-10)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (3-25)
WARM SPRINGS ARPT-Heavy acft avoid fld during rainy weather. Glider opers with plane and auto tows. Tall grass and equip. on fld. (3-14)

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ALAMOSA ARPT-Bcn inop. (1-11)
ANTON-RADIO: VHF range oper. suspended indefinitely. (2-12)
AURORA-RADIO: LFM fld pattern will be temp weak and distorted. (10-28)
CRESS FLD (WESTCLIFFE)-Use rnwys only. (2-19)
DENVER-RADIO: About Apr 2, stn will guard 3105, 4495, 6210; 116.1, 122.1 mcs.
EAGLE-RADIO. About Apr 2, stn will discont guarding 3117.5 kcs. and begin guarding 122.1 mcs. (3-13)
FLAGLER ARPT-20' hangar under const E side fld. Avail. ski-equipped acft after heavy snow. (2-19)
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)
GRANBY ARPT-Ctn from Nov. until April-snow. (10-17)
PINE VALLEY ARPT (COLORADO SPRINGS)-E rnwy of parallel N/S rnwys closed-being widened to 300'. E/W rnwy avail. between markers only. Heavy const. equip. on fld days. Use rnwys only. (11-2)
PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat 38-17-28; S by lat 38-16-19; W by long 104-18-38; E by long 104-17-40.
PUEBLO ARPT-Rot. bcn atop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW/SE rnwy unlgtd. NE end NE/SW rnwy designated as calm wind rnwy. Tetrahedron modified to automatically choose the calm wind rnwy when wind velocity below 7 mph. All acft land, take-off according to the tetrahedron. (3-24)
RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)
ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (fone lines). (1-15)
RUSTON FLD (DENVER)-Strips soft during wet weather. (1-18)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.

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SKY RANCH ARPT (DENVER)-Right traffic Rnwys 26,30,36; left traffic Rnwys 8, 12,18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (3-27)
TRINIDAD ARPT-Strips avail. lgt acft. (2-21)
WALKER FLD (GRAND JUNCTION)-Use rnwys only-shoulders soft. Filled ditches both sides of taxi strip extending from NW/SE rnwy rough and soft. (2-17)

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BRADLEY FLD (WINDSOR LOCKS)-Avail. 0600 to 1800. (1-13)
BRAINARD FLD (HARTFORD)-Equip. on fld intermittently. 300' bldg under const 1-1/2 mi NW of fld bndry, close to NW leg Hartford Range. Flood lgts N end N/S rnwy inop. (1-2)
BRIDGEPORT ARPT-Use rnwys only. (3-27)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N and S ends of fld and on taxiway between fld and shop. (2-13)
HAMMONASSET FLYING FLD (MADISON)-Use NE/SW strip. E/W strip avail. in emerg only (bldgs & hedges on W bndry). (2-4)
HARTFORD-RADIO: Auto. range monitor. sys inop. (9-30)
KINSLEY FLD (SOMERS)-Temp closed-avail. emerg use only. (9-10)
NEW HAVEN ARPT-Avail. days only. Use rnwys only. No local take-offs or landings during airline arvls and dptrs when signalman displaying red flag stationed at approach end of rnwy being used. (11-18)
STEPHENSON ARPT (BRISTOL)-S 350' N/S rnwy being graded. Equip. and rough area mrkd, bal rnwy avail. lgt acft. (12-13)
WATERBURY ARPT (PLYMOUTH)-Muddy with scattered puddles-avail. with ctn. Equip. on fld until approx Apr 30. (3-11)

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✱DOVER AAF-RADIO: Army twr discont (3-24)
NEW CASTLE CO. ARPT (WILLMINGTON)-Use rnwys only. Equip.on fld days. (3-14)

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SPECIAL NOTICE-The Administrator of Civil Aeronautics has designated the Mt. Vernon National Monument a congested area. In accordance with C.A.R. 60.105. all acft will maintain at least 1000' over Mt. Vernon, lat-38-42-40, long 77-05-30
SPECIAL NOTICE-TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL AIRPORT, LAT 38-53-46, LONG. 77-08-05. (3-22)
ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of two hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (7-12)
BOLLING FLD (WASHINGTON)-Rnwys 10-28, 14-32 closed. Rnwy 17-35 closed to acft when weather minimums below ctc flight minimums. Rnwy 2-20 avail. (3-12)
WASHINGTON NATIONAL ARPT-RADIO: Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only. (1-16) Following instrument landing minimums have been established for all Army traffic except scheduled ATC flights. Day and night: Form 8 white card holder 600' and 1 mile. Form 8A green card holder- 500' and 1 mile. FLD: ARMY: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas flights using customs and immigration clearance facs of aerial port of embarkation. (c) Flights transportating VIP and General Officers above grade of Maj. Gen, as well as officials in similar or corresponding category of executive branches of Gov't who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area. Army acft landing this fld should taxi to new ATC Terminal Bldg N of Admin Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. GENERAL: Closed to acft without rdo. Stay on paved areas-shoulders soft. Equip. on fld. Parking area ltd-turf soft. At times pilots of private acft will be unable to secure parking space. Lgtd trailer 500' W of centerline of N/S rnwy at N end. (2-15)

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ALBERT WHITTED ARPT (ST;PETERSBURY)-Bndry lgts operated sunset to sunrise. Rnwy smudge pots avail. on 1 hrs notice. Use rnwys only. (1-23)
BANANA RIVER NAS-RADIO: Navy exper. VHF rnwy localizers and various types of ILS operate intermittently day, night. Navy exper rdo bcn, 414 kcs, ident. "BR", A-2 and A-3 emission, oper intermittently, day, night. (2-27) FLD: Exper flights conducted down to weather minimums of 300' ceiling and 1 mi visibility with ATC clearances. Heavy training traffic in both land and seaplane areas, day and ngt week days only. All civil. acft warned to stay clear of air space reservation which includes area 20 mi radius from the NAS. (3-12)
BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of seven green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice.(12-13)
BOCA RATON AAF-Port floods avail. on 15 minutes notice. Stay on rnwys-shoulders soft. (2-7)
BRONSON FLD NAAS (PENSACOLA)-Closed to all trans acft. (8-14)
BROWN FLD (MIAMI)-N/S, NW/SE rnwys under const. (5-18)
BUNNELL ARPT-Cattle on fld. (2-13)
CEDAR KEYS ARPT-Use rnwys only. (1-27)
CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. (1-29)
CITY AIR PARK ARPT (PANAMA CITY)-NE/SW strip under const. Not to be used except in extreme high wind (short, wires at NE end). (1-6)
CRESTVIEW-RADIO: 116.1 mc transmitter and rcvr temp inop. (3-3)
CROSS CITY AAF-Livestock on fld. (3-4)
DALE MABRY FLD (TALLAHASSEE)-26' unlgtd bldg 900' NW of NW end NW/SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. (1-31)
DAYTONA BEACH ARPT-Equip. on fld 0800 to 1700. (2-25)
DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)
DREW FLD (TAMPA)-Use rnwys only. Equip. on fld days. Avail. to rdo rcvr equipped acft tuned to twr freq. (2-24)
EGLIN FLD (VALPARISO)-RADIO: Army ILS to be reactivated soon. (3-15) FLD: Acft approaching fld will enter area along right edge of S leg Crestview Range. (1)-Acft on CFR will fly 3000' or 500' below the ceiling, whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (10-29)
ELLYSON NAAS (PENSACOLA)-Closed to trans acft. Disposition delivery acft (landplanes) land at Pensacola NAS-Chevalier Fld. (11-22)
FORMAN OLF (FT. LAUDERDALE)-Use in emerg only (caretaker status-no facs).
FORT LAUDERDALE -Obst lgts atop N twr Radio Stn WGBS 8 mi W inop. (9-23)
FORT LAUDERDALE ARPT-Const, grading of taxiways adj to N/S, NW/SE rnwys. Equip. crossing and working adj to these rnwys. (12-5)
GILBERT FLD (WINTER HAVEN)-Use rnwys only. (11-4)
HIDDEN ACRES ARPT(CLARCONA)-E/W strip avail. lgt acft. (1-20)
HILLSBOROUGH ARPT (TAMPA) -CLOSED. Sinkhole center of E/W rnwy 100' E of intersection center of fld. (1-23)
JACKSONVILLE ARPT-Operating of private acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by Chief Arpt Traffic Controller. (3-25)

FLORIDA

JACKSONVILLE NAS-Trans seaplane acft desiring ngt facs notify Jacksonville NAS 12 hrs in advance. Heavy equip. on fld days. (3-19)

KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)

KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT. (6-19)

LAKE BUTLER OLF-Cattle on rnwy. (1-27)

LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500'. Prevailing wind E to SE. (1-22)

LEESBURG AVIATION CENTER (LEESBURG)-Use rnwys only. (3-18)

+MacDILL FLD (TAMPA)-RADIO: Glide path of Army ILS modified to 5° width. (3-24) FLD: Rnwys 4-22,13-31,18-36 avail. Rnwy 18-36 closed ngts. (2-14)

MARIANNA ARPT-All rnwys usable days. NW/SE taxiway blocked by Gov't vehicles. Use rnwys only. (1-23)

MASTER OLF (MIAMI)-Closed from thirty min after sunset until 0700. Extreme ctn account heavy traffic. Northernmost E/W rnwy closed (equip., parked acft). (1-8)

MAYPORT CGAS-Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status-no facs). Rnwys 32,36 under const-closed. (3-11)

MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22. (11-6)

MIAMI INTERNATIONAL ARPT-AAF-Domestic non-scheduled acft taxi to old Army Terminal Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Terminal. Trans International pilots advise twr before landing. Use rnwys only. Equip. on fld intermittently days. Obst lgts on pole lines adj Seaboard Airline R.R. Shops between N and S flds inop. All acft landing on E/W or N/S rnwys maintain sufficient alt to clear vehicular traffic on 36th St and Lejeune Rd. No JP-1 fuel. (3-26)

MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of range stn when passing Miami NAS. Stay clear of NW corner fld-fighter training break up area. Acft practicing touch and go landings ngts. Closed sunset to 0700.(11-15)

MORRISON FLD (WEST PALM BEACH)-RADIO: Glide path transmitter being moved to lctn 1100' E of W end E/W rnwy, 400' S of centerline. Middle mrkr ident. being changed to alternate dots and dashes. (3-17)

NORTH PERRY OLF (HOLLYWOOD)-CLOSED-no facs. (10-28)

ORLANDO AAB-ORLANDO ARPT-Closed to acft exceeding 50,000 lbs except for use alternate destination by scheduled air-carriers. North E/W, West N/S rnwys closed. No 91 oct. (3-12)

PAGE FLD (FT. MYERS)-NW/SE rnwy lgts, tetrahedron inop. (2-11)

PENSACOLA ARPT-Ext Navy train. thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (1-18)

PENSACOLA NAS-CHEVALIER FLD-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Disposition delivery acft land at NAS Chevalier Fld. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear. 34° NNW. Pilots desiring to land at Chevalier Fld ctc Pensacola Navy twr before entering traffic pattern. Rnwy numbers and center lines being repainted.t (2-19)

**PENSACOLA NAS-CORRY FLD-250' twr of Rdo Stn WEAR erected 2 mi E (90°) true at lat 30-24-10, long. 87-14-47, obst lgtd. (3-12)

PETER O. KNIGHT ARPT (TAMPA)-Equip. on fld days. Sodded areas unsafe heavy acft. (1-18)

RICHMOND NAS-LTA-Use in emerg only (caretaker status-no facs).

ST. AUGUSTINE ARPT-All lighting facs inop. (1-25)

SOUTH DADE CO. ARPT (HOMESTEAD)-Landing fee all acft. (3-12)

STENGEL FLD (GAINESVILLE)-Equip. on fld, mrkd. (5-24)

GEORGIA

TAMIAMI ARPT (MIAMI)-CFR day oper. Landing fee only to acft carrying passengers or cargo for hire. Equip. on fld intermittently days. (3-12)

TAYLOR FLD (OCALA)-Use rnwys only. (1-23)

**TITUSVILLE-COCOA ARPT (TITUSVILLE)-Rot. bcn, rnwy ctc, range, obst lgts. Lgtd tetrahedron and windsock. (2-21). See page 134.

**VENICE AAF-No longer assigned to Army, will hereafter be carried as Fette Aircraft Service Arpt. Lgtd tee, rnwy lgts. No bcn. (3-18). See page 134.

VERO BEACH ARPT-Closed to all civil. trans acft. Rnwy 3L-21R closed (ctc lgts being repaired). (3-6)

WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction. Taxi lgts being installed. Equip. adj rnwys. (12-9)

WITHAM FLD (STUART)-Use rnwys only. (2-12)

GEORGIA

ALBANY ARPT-Use rnwys only. (2-23)

ALMA ARPT, SITE 43, MM-AG-Unlgtd 40' hangar N edge NW/SE rnwy. (2-21)

ATLANTA ARPT-Const, equip. on fld intermittently. Use rnwys ngts. Closed to HB and VHB acft. Trans Army acft use Marietta AAF. Twrs of Rdo Stn WSB 12 mi NE being dismantled, lgtd. 134' water tank being erected 1 mi E, lgtd. 25' lgtd bldg near N end N/S rnwy. (3-28)

ATLANTA NAS-Avail. sunrise to sunset. After sunset open for landings only. No clearance or svcg. (1-7)

BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)

CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)

CHATHAM AAF (SAVANNAH)-Rot. bcn inop. (12-13)

COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-5)

COCHRAN INT, SITE 50, MM-AG-Soon, fac will be redesignated as type PD. Fld will be maintained and operated by city. Lgts will be maintained and operated by CAA. No change in bcn or course lgt char. (3-16)

COOK CO. ARPT (ADEL)-Lgts inop. (1-17)

HERBERT SMART ARPT (MACON)-300' lgtd smoke stack being erected 5 mi SW. (3-12)

HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L. (1-18)

KINGS ARPT (MILLEDGEVILLE)-Soft after rainy weather. (11-6)

LA GRANGE ARPT-Heavy acft use rnwys, taxiways only-grass areas soft. (12-27)

LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)

LAWSON FLD (COLUMBUS)-MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2, 32. Right traffic Rnwys 14,20,27; left traffic on Rnwys 2,9, 32. Closed to all trans traffic except on off. bus. or in emerg until May 11. (3-17)

LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)

MARIETTA AAF-Ltd sto. Facs avail. 0800 to 2000. Rdo Stn WFOM erecting unlgtd 100' twr 2 mi WSW. (11-20)

MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.

ST. MARYS ARPT-Cattle on fld and rnwys. (1-27)

ST. SIMONS ISLAND-Overwater anti-aircraft firing approx 13 mi E will be conducted between Apr 19 and 23 within the following described area: N bndry lat 31-15-00; E bndry long. 81-00-00; S bndry lat 31-05-00; W bndry long. 81-10-00.

SOUTHER FLD (AMERICUS)-Use strips only-parked acft.

SPENCE FLD (MOULTRIE)-Use rnwys only. All over fld avail. lgt acft only in

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certain areas. 300' landing circle N of Rnwys to be used only by pilots familiar with fld. Grass area adj to rnwys closed (sloped for drainage). (3-12)
THOMASVILLE ARPT-Closed ngts-no lgts. (10-24)
TURNER FLD (ALBANY)-RADIO: Army air to ground stn temp inop. (2-10) FLD: Use rnwys only. Use Rnwys 14L,32R,4L,22R only.
VADA ARPT (HAINBRIDGE)-CLOSED (cattle on fld). (1-16)

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BENNETT FLIGHT STRIP (ANDERSON DAM)-Avail. for emerg use only. (5-7)
★BOISE-RADIO: Mar 20, VHF voice, transmitting and rcvg facs on 116.1 mcs comm. Mar 22, additional VHF voice fac on 111.1 mcs comm.
BOISE AIR TERMINAL-Use rnwys, taxi strips only-shoulders soft. Non-rdo-equipped acft use Rnwy 10L with left approach or Rnwy 28R with right approach when tetrahedron indicates traffic SE or NW. Blinding cont operated 30 million candle pwr ceilometer 1000' NNW arpt bcn. Parking ramp on Nat'l Guard side of fld immediately in front of twr SW of Rnwy 10R-28L closed to all acft other than mil. (3-17)
BRADLEY FLD (BOISE)-Right traffic SE take-offs and landings. (3-17)
★BURLEY-RADIO: Mar 31, VHF voice, transmitting and rcvg facs comm on 116.1 mcs.
BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (2-22)
DU BOIS-RADIO: About Apr 11, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. (3-24)
★GOODING-RADIO: Mar 28, VHF voice fac comm at commun stn. Transmits on and guards 116.1 mcs cont. Class: MHTV. Stn now guards 3105,4495,6210,3117.5 kcs. 116.1 mcs. These data rcvd too late for data page and chart. About Apr 5, guard will be established on 122.1 mcs. Stn will then guard 3105,4495,6210,3117.5 kcs., 116.1,122.1 mcs.
GOODING ARPT-Use strips only-sod unsafe (erosion). (3-1)
GREEN MEADOWS ARPT (EAGLE)-Right traffic NW take-offs and landings. (3-17)
IDAHO FALLS-RADIO: About Apr 5, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. Courses aligned by ground check only. (3-22)
MALAD CITY-RADIO: About Apr 5, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. (3-22)
MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.
POCATELLO-RADIO: About Apr 5, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. (3-22)
POCATELLO ARPT-6' ceilometer projector in center of grass strip running parallel with Rnwy 5-23 and approx 75' S of rnwy at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. (1-24)
POCATELLO AAF-RADIO: Army air to ground stn temp inop. (2-10)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (3-14)
STREVELL-RADIO: Soon, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. (3-24)
TWIN FALLS ARPT-Fld soft when wet. Use rnwys only. (2-21)

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ALBERTUS ARPT (FREEPORT)-Const. Use N/S, NW/SE rnwys, soft when wet. Land within rnwy mrkrs. (2-25)
ASHBURN ARPT (CHICAGO)-Avail. lgt acft under 2000 lbs only. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const-usable with ctn. Do not turn off cinders onto grass. (1-27)
AURORA ARPT-Use strips only. Three electric wires running from a 25' pole 450' S of SW corner fld to a pole 90' W. (2-15)
CASEY ARPT-Red flag on windsock indicates strips too soft for safe oper, green flag indicates strips in good condition; orange flag indicates right traffic. (2-26)
CHANUTE FLD (RANTOUL)-Ltd parking. (2-12)

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CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed (const). (9-23)
CHICAGO ARPT-RADIO: CAA ILS shut down Mar 24 until further notice. (3-25)
FLD: Equip. 32' E of W edge of 400' ramp in line with center of new Terminal Bldg, mrkd by barricades and lgtd ngts. Equip. E ramp 46' S of central section near Terminal Bldg. Const steel 60' high W of Rnwy 22 center at the NE corner of fld. Snow extension lgts 22' above grade on Rnwys 31L,36R,27L, mrkd. GCA truck and trailer ltd near center of fld, lgtd. NE/SW rnwy closed, unlgtd. (parking area). Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Terminal Bldg upon arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before take-off. Hangar under const N side fld. Ctn when taxiing. (2-14)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
CHICAGO-ORCHARD ARPT (CHICAGO)-Landing fees same as Chicago Arpt. Trans acft register in city office on S side fld. (2-14)
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (3-27)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (2-20)
EFFINGHAM INT, SITE 10, LS-ID-Unsafe heavy acft. (3-19)
EFFINGHAM CO. MEMORIAL ARPT (EFFINGHAM)-CLOSED. (1-14)
FLORA ARPT-NE/SW strip under const. (12-10)
GALESBURG MUN. ARPT-W bndry rough. (11-22)
GLENVIEW NAS-Prior approval rqrd all acft expecting to RON except off. bus. Non rdo-equipped acft land on N mat only. Closed after sundown except in emerg or by off. prior arrangement. (12-23)
INTERSTATE ARPT (DE KALB)-CLOSED. (5-11)
JOLIET ARPT-SITE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0800 on req. (1-18)
JOHNSBURG ARPK-Ctn equip. on fld. (3-18)
LEWIS-LOCKPORT ARPT (LOCKPORT)-Use strips only. Stay on gravel when wet. (3-16)
MARION ARPT-Ext train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. (1-23)
MOLINE ARPT-75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. Pwr shovel with 30' boom SW end NE/SW rnwy. (1-30)
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges. Use rnwys only in thawing weather. (2-24)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
ST. DAVID ARPT-Closed to cross-country acft. No svcg avail. N/S strip closed. New arpt under const 6 mi N. (6-13)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (9-21)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. Closed ngts. (11-8)
STOCKTON ARPT-Strips soft during thawing weather. (2-20)
WAUKEGAN ARPT-NW corner NW/SE rnwy, W end E/W rnwy usable except in wet weather. (1-20)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (8-9)

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AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BAER FLD (FT. WAYNE)-Svcg 0800 to 1700 only. (2-21)
BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (3-26)

BLOOMINGTON ARPT-Needs rolling. Soft when wet. (9-26)
BLUFFTON ARPT-Unsafe heavy acft-strips soft. (12-14)
BRIGHTWOOD ARPT (INDIANAPOLIS)-Fld under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (1-17)
CAMPUS ARPT (BLOOMINGTON)-CLOSED (muddy). (1-15)
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only. (5-23)
CHARLESTOWN ARPT-2000' E/W strip under const. Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (1-20)
COLUMBUS ARPT-Turn off rnwys onto taxi strips after landing. Use rnwys only. (3-31)
EVANSVILLE ARPT-Use rnwys only. Equip. on fld days. (1-18)
GARY ARPT-Water on fld. Soft in wet weather. Extreme ctn landing, taking off.(1-1
GOSHEN ARPT- Fld safe. Rcvd too late to delete (0) symbol.
**HALSMER ARPT-Port lgts on req. (11-12). See page 69.
**HOOSIER ARPT-Name changed to Hoosier-Park Arpk (Indianapolis) and will hereafter be carried as such. (12-19). See page 69.
HULMAN FLD (TERRE HAUTE)-Use rnwys only (erosion). (1-16)
HUNTINGBURG INT, SITE 19, LS-LV-Equip. on fld days. (3-20)
**HUNTINGTON MUN. ARPT-Lat 40-51-00, long. 85-27-30. (11-13). See page 36. SE end NW/SE strip freshly filled. Not firm. (11-13)
INDIANAPOLIS-RADIO: GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212 kcs., 126.18 mcs, receives on 3105,4495, 6210,3117.5 kcs., 126.18 mcs. Pilots desiring to make practice runs should make arrangements thru Indianapolis Twr, Indianapolis Radio or airline ground stn at Indianapolis. All flights must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intermittently at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE/SW rnwy. Exper rdo range with 5 lgtd 131' twrs operating intermittently at Avon, Ind., 7 mi NW of arpt on 172 and 194 kcs. Low power (holding mrkr) 75 mcs, 10 mi SW of arpt on ILS lclzr course, keying "U", tone 3000 cycles temp inop. (11-22)
★INDIANAPOLIS ARPT-RADIO: Mar 26, bndry mrkr of CAA ILS decomm. FLD: Heavy acft use rnwys only. Mil pilots register with registrar in Admin Bldg Lobby, trans acft with registrar in Admin Bldg Lobby. Rnwy 18L-36R closed, closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner operating intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts. (3-12)
**JEFFERSONVILLE-NEW ALBANY ARPT (JEFFERSONVILLE)-Lat 38-18, long. 85-45. (11-25). See page 69.
KENDALLVILLE MUN. ARPT-Const. Strips not turfed. (11-13)
KOKOMO ARPT-Use rnwys only-turf soft. (3-11)
LA PORTE ARPT-Bndry, range lgts inadequate, in need of repairs. (9-19)
**LOGAN ARPT (LOGANSPORT)-New fld. Lat 40-42-00, long. 86-28-15. (12-2). See page 36.
**MADISON COM. ARPT-Name changed to Myers Fld and will hereafter be carried as Myers Fld (Madison). (11-25). See page 69.
★MARKLE-RADIO: FM comm Mar 26 on SW course Ft. Wayne Rdo Range at lat 40-50-30, long. 85-23-00. See page 36.
**McCOMB FLD (DECATUR)-ABANDONED. (3-23). See page 36.

MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (1-20)
**MILLION FLD (LOGANSPORT)-Name changed to Logan Arpt. (12-2). See page 36.
MILROY INT, SITE 5, CC-CG-CLOSED (soft). (1-21)
MORGANTOWN-RADIO: FM on S course Indianapolis Range will remain in oper on exper basis. (11-8)
MUNCIE ARPT-Hangar under const along S bndry. (1-24)
MYERS FLD (FT. WAYNE)-Avail. with ctn. Soft during wet weather. (3-23)
PLYMOUTH ARPT-E/W strip avail. NNW/SSE, NE/SW strips avail with ctn.(1-23)
PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy lcl traffic, trans acft avoid turning in middle of fld after landing. Taxi straight to end of fld; then taxi within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. Const NE end of fld. (1-18)
**RICHMOND MUN. ARPT-Lgts oper from dusk to dawn. (11-1). See page 69.
**ROCHESTER MUN. ARPT-Port. flood lgts on req. (3-17). See page 36.
SKY HAVEN ARPT (BEDFORD)-Use rnwys only - shoulders soft. Const area mrkd. (1-21)
SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft. (1-16)
**SMITH FLD (WARSAW)-Lat 41-17-45, long. 85-52-00.(3-17). See page 36.
**SPINK-WAWASEE (SYRACUSE)-Lat 41-25-30, long. 85-41-45. (10-24). See page 36.
STARKE CO. ARPT (KNOX)-N/S strip soft. (11-4)
STOUT FLD (INDIANAPOLIS)-Crash equip. avail. 0800 to 1700 daily only. Ltd svcg facs. Lgts on prior req. (3-20)
TRIANGLE AIR SERVICE (WELLSBORO)-Hangar under const. (8-15)
TRI STATE APRT (ANGOLA)-Strips rough in places. N/S strip closed to trans acft. (1-26)
URSCHEL FLD (VALPARAISO)-Strip soft in wet weather. (2-16)
**VICTORY FLD (WARSAW)-Name changed to Smith Fld. See page 36.
WELLS CO. ARPT (BLUFFTON)-Closed during thawing weather. (2-17)
WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No-wind conditions land to W. (1-20)

**ADAMSON AIRWAYS ARPT (PERRY)-ABANDONED. (3-18). See page 32.
AUDUBON AIRWAYS ARPT (AUDUBON)-Fld rough.
CEDAR RAPIDS ARPT-Use rnwys, taxi strips only. (3-22)
CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. N 1/2 N/S, NW 1/3 NW/SE strips soft or muddy until approx Apr 24. (2-24)
**CONRAD ARPT-ABANDONED. (3-7). See page 32.
CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)
DES MOINES-RADIO: About Apr 3, Indianola approach FM (bone-shaped) will be comm at lat 41-21-30, long. 93-36-12, 9.9 mi SE of the Des Moines low freq range and 0.45 mi E of the centerline of the SE course. Ident. three dashes. (3-28)
DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed. Use rnwys only.
ELKADER ARPK-Strips rough and rolling. (2-11)
HARLAN ARPT-Strips plowed up-regrading. Strip E of N/S strip approx 1000' long avail. with extreme ctn-rough. (10-11)
HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (3-20)
IOWA CITY ARPT-Avail. days only. Use rnwys, taxi strips only. Sod adj rnwys, taxi strips freshly seeded, graded. (1-18)
★LUCAS-RADIO: Mar 10, Lucas FM on S course of Des Moines Range decomm.
MASON CITY ARPT-Landings and take-offs prohibited on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N/S rnwy unusable. (1-14)
OTTUMWA NAS-Closed for mil clearances from sunset until thirty minutes after sunrise. Open for landings at all times. (11-30)
SIOUX CITY ARPT-Blinding 30 million candle pwr ceilometer 1000' N of Admin Bldg. No svcg mil acft 1700 to 0800. Lgts on Rnwys 17-35, 13-31, dim-flares in use ngts.
WINTERSET ARPT-NNE/SSW strip rough. Low fence at each end. (1-20)

KANSAS

ALLMAN ARPT (LENEXA)-Use strips only. (9-12)
ATWOOD ARPT-Soft when wet. (3-26). These data rcvd too late for symbol.
BEECH ARPT (WICHITA)-During damp weather, use rnwys only. (1)
CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags. (2-6)
CHANUTE-RADIO: About Apr 7, range freq will be changed to 284 kcs. (3-12)
DODGE CITY ARPT-Blinding 25 million candle pwr ceilometer projector installed 1000' NW of Admin Bldg. E/W rnwy closed. Parked acft on fld N and S of Admin Bldg due to partially completed const on parking area. (3-25)
DOWNS ARPT-When taking off to the S or E use right traffic. (9-30)
FT. RILEY-AA firing conducted immediately N of Marshall Range Stn.
GARDEN CITY AAF-No svcg or maintenance avail. (2-7)
GOODLAND-RADIO: VHF range oper suspended indefinitely. (2-12)
GOODLAND ARPT-Rnwy sides soft when wet. (2-21)
HUTCHINSON-RADIO: About Apr 7, range freq will be changed to 227 kcs. (3-12)
HUTCHINSON MUN. ARPT-Heavy acft use rnwys only. Tetrahedron inop. (3-15)
HUTCHINSON NAS-CLOSED-no facs. (11-25)
INDEPENDENCE AAF-Svcg, opers avail. 0800 to 1800 only. Only N/S rnwy nearest ramp avail. (2-5)
JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (3-4)
**KINSLEY ARPT-ABANDONED (3-24). See page 60.
LARNED MUN ARPT-SW 1/3 of NE/SW and NW/SE strips muddy in wet weather. S 1/2 N/S strip under const. (3-19)
MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (2-10)
MORLAND-RADIO: VHF range oper suspended indefinitely. (2-14)
OLATHE-Acft of various types operating during IFR up to and incl uding 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.
OLATHE NAS-Closed 1800 to 0800 - flights desiring landing during these hrs must notify opers before 1600. (6-13)
OLATHE OLF NO. 2 - Use in emerg only - no facs.
OLATHE OLF NO. 4-Use in emerg only-no facs.
OLATHE OLF NO. 7-Use in emerg only-no facs.
OLATHE OLF NO. 9-Use in emerg only-no facs.
**OTTAWA ARPT-Port rnwy lgts avail. (2-24). See page 64.
SALINA-RADIO:VHF range oper suspended indefinitely. (2-12)
SANTANTA ARPT-Strips soft in wet weather. (2-19)
SHARON SPRINGS ARPT-Cattle outside strips. (12-27)
SHERMAN FLD (FT. LEAVENWORTH)-Left traffic on Strips 12,15; right traffic on Strips 30,33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. Closed 2000 to 0800 daily. (1-27)
★SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) temp inop. (3-26) Army twr now transmits on 396 kcs, 126.18 mcs. (3-26)
TOPEKA-RADIO: VHF range oper suspended indefinitely. (2-12)
TOPEKA-Inst flying radio range ngt, day. Call Topeka Radio at least 20 mi out before flying range.
WALDO-RADIO: VHF range oper suspended indefinitely. (2-12)
WICHITA ARPT-RADIO: About Apr 7, inner and outer compass lctrs will be comm Inner lctr freq 201 kcs, keying "D", to be lctd 3652' S from S end N/S rnwy.; outer lctr freq 317 kcs, keying "W", to be lctd 5.36 mi S from S end N/S rnwy. (3-28) FLD: Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (1-31)

KENTUCKY

ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (2-5)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (1-29)
BOWLING GREEN ARPT-Use rnwys only. Red obst lgts NW end NW/SE rnwy inop. Const. (2-4)
CAMPBELL AAF (HOPKINSVILLE)-No mechanical or refueling svc avail.; use Smyrna AAB for refueling and maintenance. Opers closed 1630 to 0800. Only Rnwy 4-22 avail.; other rnwys closed for const. (3-17)
GODMAN FLD (FT. KNOX)-RADIO: Army range now unreliable. (2-26) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. Opers office open 0600 to 2400; after 2400 avail. upon 12 hr prior notice. (12-26)
**GREATER CINCINNATI ARPT (COVINGTON)-Neon appch lgts S end N/S rnwy comm Mar. 11, 1947. (3-22) Ctc lgts Rnwy 27 inop. Flare pots on approach end, middle and far end of rnwy. Use rnwys, taxi strips only, sod portion fld soft. (3-22)
JODY FLD (LONDON)-Const-use rnwy N of hangars only. (1-11)
LOUISVILLE-RADIO: Flight-checked Mar. 21, courses correctly aligned.
**PADUCAH-McCRACKEN COUNTY ARPT (PADUCAH)-36" rot. bcn, showing clear and green, oper. from dusk to dawn. Ctc, range and obst lgts on prior request. (3-14). See page 104.

LOUISIANA

★BARKSDALE FLD (SHREVEPORT)-RADIO: Air/gnd stn now transmits and rcvs on 4765 kcs in addition to previously published freqs. (3-21) FLD: Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 73, or 91 oct. avail. (1-24)
COTTON VALLEY ARPT-E/W strip closed. (1-23)
CROSS LAKE ARPK (SHREVEPORT)-ABANDONED. (1-23). See page 100
CROSS LAKE SKY HARBOR (SHREVEPORT)-Land only in area in front of Base. (2-13)
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd. with white flags. (1-27)
HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1600 only for acft in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil. acft may land during daylgt hrs after making prior arrangements with Arpt Mgr, City of Houma. (1-10)
**IBERIA PARISH ARPT (NEW IBERIA)-Rot. bcn and rnwy lgts oper. all ngt. (3-13). See page 126. Use rnwys, taxi strips only. (3-13)
JENNINGS ARPT-Use strip only. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. Right traffic when landing S and W. (3-19)
LAFAYETTE ARPT-Use rnwys only. (1-20)
LAKE CHARLES MUN. ARPT-RADIO: Army twr will be decomm about April 1. (3-27). FLD: Two 195' lgtd twrs 3.5 mi NW under const. (3-26) Blinding 30 million candle pwr ceiling lgt installed Stn WBAS. Operates during cloudy conditions. Lgt gun si gnals from Army control twr for non-rdo-equipped acft. Two 195' twrs 3.5 mi NW under const, lgtd. (3-27)
MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: Soon, CAA ILS will be shut down for modernization. Fac will be recomm about Apr 25. Lclzr installation will incorporate voice feature and ident. "NO". Middle mrkr will be lctd 3530' W of W end of E/W rnwy, keyed alt dots and dashes. Compass lctr will be installed at outer mrkr site 3.92 mi W of W end of E/W rnwy, ident. "L", freq. 254 kcs. (3-26) FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. (2-4)
MONROE ARPT-Avail. days only. (12-20)
NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS.

[redacted]

THIS STN OR IN EMERG. Obst lgts on S pole line inop. Closed to all Army acft except primary, basic and advanced (not including converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64, liaison acft helicopters and autogyros. (3-26)

NEW ORLEANS NAS-Closed to all acft exceeding 9000 lbs. Avail. 0800 to sunset. (2-28)

SELMAN FLD (MONROE)-Obst lgts atop twr inop. Equip. on fld. (12-27)

SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)

SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1-2 mi SW fld and one 120' derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. (2-24)

[redacted]

AUGUSTA ARPT-Rnwys 3-21, 12-30 will not be plowed remainder of winter. Ctc lgts avail. Rnwy 17-35 only. Rot bcn inop intermittently. No fuel or svcg. (3-21)

BANGOR-RADIO: Range courses aligned by ground check only. (3-25)

BRUNSWICK NAS-Closed to all but off. flights (caretaker status-no facs)

DOUGLAS FLD (BRUNSWICK)-Avail. emerg use only. Right traffic when wind from the S. (8-28)

★DOW FLD (BANGOR)-RADIO: Army air/gnd stn now operates 0700 to 1900. (3-28) FLD: E/W rnwy closed. Use concrete portion fld only. Ltd transportation and maintenance facs. Indicated Rnwy markings are nearest mag heading rather than true heading. (3-19)

FARMINGTON ARPK-Rnwy direction to be changed approx 5° westerly on N end. (9-24)

HOULTON ARPT-Closed except to scheduled airlines and local opers. Other acft land by prior permission from Resident Engineer, fone 2211. Rnwy lgts inop. (3-26)

LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)

MILLINOCKET-RADIO: Auto. range monitor. sys temp inop.

MILLINOCKET ARPT-Avail. ski-equipped acft only. Ctc and bndry lgts inop. remainder of winter. (3-16)

NORRIDGEWOCK ARPT-CLOSED-Use in emerg only.

OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (2-24)

PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop (1-18)

★PRESQUE ISLE AAF-RADIO: Army VHF and HF DF stn temp inop. Air/gnd stn (WYWS) transmits on and guards 128.16 mcs, 4220, 2890 kcs, gds 8280, 500 kcs. (3-17) FLD: Rnwys 16-34, 10-28 closed. No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC flights. Svcg trans acft 0800 to 1700 daily only. Tetrahedron lgts and obst lgts atop 100' smokestack 0.5 mi NE of fld inop. (3-27)

RAYMOND'S ARPT (PHILLIPS)-Avail. ski-equipped acft only. (1-28)

SCARBORO ARPT-CLOSED (soft). (3-22)

TOMLINSON FLD (SKOWHEGAN)-Avail. ski-equipped acft only. (12-31)

WESTON FLD (MADISON)-Avail. emerg only. (8-29)

[redacted]

BALTIMORE-RADIO: About Apr 4, CAA range will be changed to simultaneous oper. Concurrently the N course will be realigned to 195°. Stn class will be: SBMRLZ-DTV. Attention signal will be added at a later date. (3-28)

BALTIMORE APRT-No crash equip. ngts. Use rnwys, taxiways only, other areas soft. Equip. on fld. Unlgtd boats with 120' masts anchored in harbor S and E W of fld. Smoke stacks NW and SE. Rdo rqrd between sunset and sunrise. (3-14)

BALTIMORE MUN. SEAPLANE BASE-Land at own risk (floating logs and debris). Control launch and other services not avail. commercial operators except by prior arrangement with BOAC Ctc Baltimore Twr for landing pattern. (3-11)

[redacted]

BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (12-5)

**CUMBERLAND ARPT-Green and white rot. bcn inoperative. (3-21). See page 73.

EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat. and Sun. Operates Mon thru Fri 0800 to 1600. (3-14)

ERCO ARPT (RIVERDALE)-Do not land on diagonal taxi strip due to softness and holes. Soft shoulders off rnwys. Avail. days only. (2-19)

GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (2-19)

HAGERSTOWN ARPT-Acft parked on hangar and factory apron, also along W bndry of fld just W of the N end of the N/S rnwy and N of the W end of the E/W rnwy. Use ctn in landing and taking-off in area off rnwys. (2-18)

KENT ARPT (WORTON)-Landing area under const. (3-17)

LEE ANNAPOLIS AIRPORT (ANNAPOLIS)-NE/SW rnwy and black-topped taxiway available - unsuitable for aircraft heavier than twin-engined type. (2-13)

MARTIN AIRPORT (BALTIMORE)-CLOSED TO ALL COMMERCIAL AIRCRAFT EXCEPT THOSE ON OFFICIAL BUSINESS WITH GLENN MARTIN COMPANY OR IN EMERGENCY. Trans. or local traffic, not landing at field, should avoid field traffic patterns or approaches. (1-22)

**OCEAN CITY SEAPLANE BASE -New base. Lat. 38-20-30, long. 75-05-15. (2-17). See page 145.

PATUXENT RIVER NAS-Taxi strips adjacent and parallel to rnwy 13-31 between runways 2-20, 6-24 closed. Ditches adjacent rnwy 9-27 marked. Equip. on fld. (2-24)

PHILLIPS FLD (ABERDEEN)-CLOSED TO ALL TRANSIENT MILITARY AIRCRAFT' EXCEPT ON OFFICIAL BUSINESS THIS STATION OR IN EMERGENCY OR PRIOR PERMISSION FROM CO. Ltd servicing. No maintenance or RON. (3-17)

SALISBURY-RADIO: VHF range will be commissioned soon at lat 38-19-22, long. 75-24-59. Frequency 109.1 mcs. Ident. "FY". Visual courses: 42°, 222°. Aural courses: 132°, 312°. Var. 8° W. Class: VARW. (3-22)

**SALISBURY ARPT-Bcn and rnwy lgts on prior req. (2-17). See page 76. Use rnwys only. (2-17)

SCHROM AIRPORT (GREENBELT)-SE end NW/SE runway under const, marked. Use only runway pavement and taxi strips. (9-24)

WEBSTER FIELD (PRIEST POINT)-Closed except on 24 hr. notice.

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BARNES AIRPORT (WESTFIELD)-Operation of airport beacon days only indicates scheduled airlines in vicinity airport. Aircraft proceed with caution when bcn lighted. Ctc Westfield Rdo for lgts. 139' unlighted tank under const 5500' SW. No ctc lgts. (3-24)

★BEDFORD AAF-RADIO: Army twr now transmits on 212 kcs., 126.18, 137.88 mcs.

** FLD:3-435'twrs 3.5 mi SE (100°) true. (3-26)

BOWLES ARPT (AGAWAM)-Field openToo late to delete (R) symbol.

BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (9-9)

CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay.

**EASTHAM THUNDERTOWN AIRPORT (ORLEANS)-Will hereafter be carried as Eastham Airfield at Eastham, Massachusetts. Lat. 41-51-15, long. 69-59-30. (2-19). See page 45.

EASTHAM AIRFIELD-Rough. (11-13)

GRAFTON ARPT (NORTH GRAFTON)-CLOSED (soft, rough). (3-15)

GREYLOCK ARPT-Temp closed. (1-27)

LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)

MASSACHUSETTS

LOGAN ARPT (BOSTON)-RADIO: CAA ILS oper for test purposes only. Lclzr lctd 950' from NE end rnwy served. Freq. 110.3 mcs. Glide path freq. 335 mcs. Two mrkrs: outer mrkr 5.67 mi from SW end rnwy keyed two dashes per sec. Middle mrkr 1.40 mi from SW end rnwy keyed 6 dots per sec. Outer compass lctr at outer mrkr side. Freq. 203 kcs. Ident. "G". (3-28) FLD: Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and l ess than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo, and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Pri vate or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt. Mgr. and pay fees. Pilots will be denied clearance until fees are paid. Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. New 5900' Rnwy 15-33 and Rnwy 4-22 avai l.-NE 100' Rnwy 7-25 unsafe. 100' floating derrick SW end Rnwy 4-22, mrkd. New hangar being erected SW corner of old fld, lgtd. (12-16)

MANSFIELD ARPT-Open week-ends only. (2-3)

MARLBORO ARPT-Avail. sunrise to one hr after sunset. (2-22)

MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (11-13)

MYRICKS ARPT-Wires on S end N/S strip. (11-20)

OTIS OLF (FALMOUTH)-Use in emerg only (caretaker status-no facs).

PITTSFIELD ARPT, SITE 3B, AZ-BW-Land according to wind sock. (8-27)

PROVINCETOWN FLD-Closed to acft over 3200 lbs. (2-27)

REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. Booms, day, ngt. (2-19)

RICHARDSON ARPT (DRACUT)-Intersection of 2 strips muddy when wet. Heavy acft use wide pattern on downwind leg for WSW landing to avoid turkey farm 1000' from rnwy. (3-15)

SOUTH WEYMOUTH NAF-50' lgtd antenna pole 2200' from S edge landing mat., (11-15)

SPRINGFIELD ARPT-Lgts inop. (6-24)

SQUANTUM NAS-Equip. at bndry and on fld. Fld avail. 0600 to 30 mins prior to off. sunset. Truck and 2 trailers 30' high on rnwy 2-20, 150' S intersection rnwys 14-32, 2-20, lgtd. (3-27)

STEVENS FLD (NORTH ADAMS)-Temp closed. (1-29)

WESTFIELD-RADIO: Sharp bend 5 mi S of rng stn on 27° inbound leg. Condition intermittent. (2-5)

★WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army ILS (SCS-51) lclzr channel X. Rnwy 6 modified to produce 5° course width. Acft rcvrs must also be modified to rcv lclzr. (3-26). Sys (SCS-51) temp inop. Army ILS (CAA type) channel Y, rnwy 24, also modified for 5° course width. Army GCA sys oper cont when ceiling is 3000' or less and/or visibility is 3 mi or less; and on 60 min req at all other times. (3-26) FLD: All acft on IFR approaching fld from NE will follow Amber 7 to Boston, thence follow Red 11 to Gardner intersection (W course of Boston Range and NE course Westover Range). Acft wi ll report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing let-down procedures as disseminated from fld. Cruising al ts assigned by Boston ATC will be maintained until further cleared to descent by Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersecti on but not until released by Boston ATC. When under Westover approach control, all instructions will be followed which are transmitted by Westover Approach control. Red bcn atop Mt. Nanatuck inop. (2-26)

MICHIGAN

ABRAMS ARPT (GRAND LEDGE)-Unsafe (snow). (1-10)

ADRIAN CITY ARPT (ADRIAN)-SW corner fld unsafe for landings and take-offs. Strips soft when wet. (2-20)

ANN ARBOR ARPT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (6-14)

**AVIATION COUNTRY CLUB ARPT (GALESBURG)-Correct location: lat. 42-17-15, long. 85-27-00. (2-10). See page 36.

BAKER'S FIELD (PORT HURON)-Use strips only. Fresh fill E 1/2 N/S strip from intersection to S end, also SW end NE/SW strip. Soft when wet. (2-25)

BISHOP ARPT (FLINT)-Three 170' lgtd twrs Rdo Stn WWOK under const 4.5 mi E (82°) true. (3-11) Use only rnwys when turf soft. Lgt acft use turf adj left side of concrete. Unmrkd acft parked on fld within 500' of bldgs. (2-21)

CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tri-cycle gear acft bal taxi strip being cleared of trees and brush. Other strip usable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of centerline of approach. (12-3)

CALVIN CAMPBELL MUN. ARPT (INDIAN RIVER)-Emerg. use only. (3-21)

**CAPITAL CITY ARPT (LANSING)-Twr 1013' overall height ASL erected 5 mi SE (140°) true at lat. 42-42-45, long. 84-31-10, obst lgts at 1/3, 2/3 levels and flash. red code bcn on top. (3-11) Use rnwys only. N/S rnwy avail. taxiing only. Equip. on fld days. Acft parked W side fld E of apron. (2-21)

DALTON ARPT (FLUSHING)-N/S, E/W strips unusable. (11-13)

DETROIT NAS-Closed 1700 to 0800. (9-14)

DR. HAINES FLYING FIELD (THREE RIVERS)-Use strips only. (2-24)

EMMET CO. ARPT (PELLSTON)-Closed ngts. (2-17)

FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (2-14)

FORD AIRPORT (DETROIT)-CLOSED. Available emergency use only. Use runways only. (8-14) Available ski-equipped aircraft only. (12-31)

**GRAND RIVER AIRPARK (COMSTOCK PARK)-New field. Lat. 43-01-38, long. 85-40-52. (3-21). See page 36.

GRIDLEY ARPT (YPSILANTI)-Strips unusable when wet-muddy. Land on sod with ctn. (2-14)

JAMES CLEMENTS AIRPORT (BAY CITY)-Use rnwys only. Closed nights. (3-12)

JEWETT AIRPORT (MASON)-Caution on strips and taxiways when wet. (2-21)

KELLOGG FIELD (BATTLE CREEK)-Equip. on field. (2-22)

LAPEER AIRPORT-N end of NW/SE diagonal strip rough. (2-19)

LEACH AERO SERVICE AIRPORT (HARTFORD)-NE/SW strip under construction. (11-16)

LINDBERGH ARPT (KALAMAZOO)-Available nights in emergency. Landings in accordance with wind tee located midway between NW end NW/SE and N end N/S rnwys. Use rnwys only. (2-19)

MACKINAC CO. AIRPORT (ST. IGNACE)-Avail. ski-equipped aircraft only. Rnwys plowed upon req. (12-30)

**MAPLE RAPIDS ARPT-New fld. Lat. 43-06-00, long. 84-40-45.(2-21) See page 36.

McKINLEY ARPT (FRASER)-Avail. to lgt acft only in dry weather. (4-26)

MILAN ARPT-Fld soft in wet weather. (2-19)

MOUNT PLEASANT ARPT-Strips soft in wet weather. (2-14)

MUSKEGON CO. ARPT-Use rnwys onl y-rough. (2-21)

OSCODA AAF-Use rnwys, taxi strips only.

OTSEGO CO. ARPT (GAYLORD)-Avail. during winter months with ctn. (12-2)

PARK TOWNSHIP ARPT (HOLLAND)-Avail. ski-equipped acft only. (2-26)

**PAW PAW ARPT-New fld. Lat. 42-14-45,long.85-53-45 (2-21).See page 36.

PELLSTON-RADIO: About Apr 15, freq of MH fac will be changed to 209 kcs. (3-31). These data rcvd too late for symbol.

PLANE HAVEN ARPT (STANTON)-CLOSED (3-15)

PRICKETT FLD (SIDNAW)-Avail. ski-equipped acft only. (3-27)

ROSEVILLE ARPT-Extreme Ctn during March, snow and thaws. Bad areas flagged. (3-4)
ST. CLAIR CO. ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37°) true, temp lgtd. (11-13) Use strips only. (9-26)
SAULT STE MARIE ARPT-Loose gravel on N/S rnwy. Use rnwys only. (9-20)
SKYHAVEN ARPT (SAGINAW)-Use strips only. When wet, avail. only lgt acft. Right traffic when landing S, SW and W. Left traffic N, NE and E. (2-20)
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (2-19)
TRAVERSE CITY ARPT-E/W rnwy avail. ngts. All other rnwy lgts inop. Obst lgts S end N/S rnwy inop. (3-30)
TWIN CITIES ARPT-ROSS FLD (BENTON HARBOR)-Pilots of wheel-equipped acft land at own risk. No snow removal equip. Telephone 9277 for further info. Use rnwys only-shoulders and fld soft. (3-17)
WASHTENAW ARPT (ANN ARBOR)-Use rnwys only. Avail. days only. (2-20)
WILLOW RUN ARPT (YPSILANTI)-Equip. on fld. Trucks on NE/SW taxi strip. Trenches and const of ILS bldgs on fld, mrkd. (2-14)
★YPSILANTI-RADIO: Mar 31 MH fac oper by PCA decomm and a middle and outer compass lctr of ILS were comm. Approach heading 45°. Inner lctr on middle mrkr site on 341 kcs, ident "T", lctd 0.65 mi from end of rnwy; outer compass lctr on outer mrkr site 5.58 mi from end of rnwy, freq 359 kcs, ident "W". Lclzr, glide path and mrkrs will be comm at a later date.

**AITKIN MUN ARPT-New fld. Lat 46-32-30, long 93-40-45 (11-1) See page 13. Const. (3-18)
APPLETON ARPT-Use rnwys, taxi strips only. (2-14)
BENSON ARPT-Use strips only. (2-28)
BLUE EARTH ARPT-NW/SE strip under const. (12-3)
CAMP RIPLEY ARPT (LITTLE FALLS)-Not maintained. (10-30)
COLERAINE ARPT-Slightly rolling. Const on fld. Usable in N/S and NW/SE direction only. (11-5)
DECKER AIRPORT (AUSTIN)-Acft over 3500 lbs use caution. Fld under const. (12-4)
DETROIT LAKES ARPT-Use strips only. (11-7)
FARIBAULT AIRPORT-Closed to all acft weighing over 5000 lbs. (5-16)
FERGUS FALLS ARPT-Graded and seeded landing strips. (11-7)
FLYING CLOUD ARPT (MINNEAPOLIS)-Strips leveled and seeded. E/W, NW/SE graded and seeded in spring. (12-11)
GRAND RAPIDS ARPT-Graded and seeded strips. (11-5)
KENYON ARPT-Rolling strips. NE/SW strip slopes to the NE. (12-2)
MANKATO ARPT-Use NE/SW, NW/SE strips only. (2-14)
MARSHALL ARPT-Newly graded and seeded strips. Use with ctn. (11-20)
MOBERG SEAPLANE ANCHORAGE (BEMIDJI)-Avail ski-equipped acft only until spring. (12-19)
MONTEVIDEO ARPT-Strips muddy when wet. (2-14)
NEW ULM ARPT-E/W strip has 10' hill. Use with ctn. (11-1)
ORTONVILLE ARPT-Temp closed (const). (6-20)
ST. PAUL ARPT-Use rnwys, taxi strips only. (8-1)
THIEF RIVER FALLS MUN ARPT-Use E/W and N/S strips. (11-6)
TRI-MONT (TRIUMPH)-Leveled landing strips newly seeded. (11-22)
UNIVERSITY OF MINNESOTA ARPT (NEW BRIGHTON)-E/W, N end N/S strips rough. (9-30)
VICTORY AIRPORT (MINNEAPOLIS)-Surplus Acft Sales Center - parked acft.
VIRGINIA ARPT-Rough. (4-1)
**WILLIAMSON-JOHNSON ARPT (DULUTH)-Fld lgts not yet in operation (11-18) See page 13. Use rnwys only. (11-8)
WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-Foreign Clearing Stn for Musk-Calf Project Flights. Ltd maintenance facs, no overngt parking facs for mil acft. Exper horizontal neon lgt installed on fence 300' S of S end N/S rnwy. Use rnwys only-soft. (3-29)

AUGUSTINE FLD (JACKSON)-Use strips only-parked acft.
**BASS FLD (LULA)-New fld. Lat 34-25-15, long. 90-28-30 (11-13) See page 101. Landing area rough. (11-13)
BATESVILLE INT, SITE 29, NO-LS-CLOSED (soft). (3-12)
BONITA ARPT (MERIDIAN)-CLOSED. (3-31) These data rcvd too late for (R) symbol.
CARROLL CONE ARPT (TUPELO)-Equip. and stakes on fld. (1-2)
COLUMBUS AAF-Use rnwys only.
**FRIENDLY FLYING SERVICE (PHILADELPHIA)-Lat 32-46-00, long 89-05-45 (11-15) See page 122.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (1-22)
GRENADA ARPT-NE/SW rnwy closed. (6-28)
GULFPORT MUN. AIRPORT-Closed ngts. Fld lgts inop. Ltd svcg. Avoid flying over area directly off SW corner. Entire sod fld avail. (5-27)
★HAWKINS ARPT (JACKSON)-RADIO: CAA ILS flight checked and comm Mar 21. See pages 121, 122. FLD: Four 270' twrs, Rdo Stn WSLI, 5 mi NE, (43°) true lgtd (3-21)
JACKSON COUNTY AIRPORT (PASCAGOULA)-Trans acft use rnwys only - drainage grills under grass. (5-17)
★KEESLER FLD (BILOXI)-RADIO: Army range stn now bdcasts weather upon req only. (3-26) FLD: Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way radio. 20' boom NE corner NE/SW rnwy, mrkd. (10-17)
**KEY FLD (MERIDIAN)-180' twr of Rdo Stn WTOK, 5 mi NE at lat 32-22-46, long 88-40-04, obst lgtd. (2-24) Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off path Rnwy 4. Obst lgts atop Admin Bldg, two hangars and arpt bcn E side fld, bndry lgts, tetrahedron lgts, and all rnwy lgts except on NE/SW rnwy inop. (3-14)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
**L. B. STRANGE FLYING SERVICE (TUTWILER)-New fld. Lat 34-00-00, long 90-28-30 (11-14) See page 101. Being seeded. (11-14)
**LELAND ARPT-Correct location: lat 33-27-00, long 90-52-30 (3-20)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
MARKS ARPT-Ctn in wet weather. (2-21)
McCOMB ARPT-West 1/3 of E/W strip unusable. (2-17)
**PHILADELPHIA ARPK-Name changed to Friendly Flying Service. (11-15) See page 122.
ROCKPORT INT, SITE 12, NO-LS-Equip. on fld. (3-26)
**WOODSIDE ARPT (GLEN ALLEN)-Will hereafter be carried under Grace, Miss. Lat 33-00-50, long 90-58-25. (3-18) See page 101.
YAZOO CITY CO. ARPT (YAZOO)-Use N/S strip only, bal fld soft. (2-17)

★ADVANCE-RADIO: Adtn'l VHF transmitting fac comm on 111.1 mcs. Stn now guards 3105, 4495, 6210, 3117.5 kcs, 116.1, 122.1 mcs. These data rcvd too late for data page and chart.
BAILEY'S ARPK (CHILLICOTHE)-NE/SW strip unusable when wet. (12-13)
BAILEY'S ARPT (BROOKFIELD)-Use strips only. (9-20)
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (2-17)
CHILLICOTHE ARPT, SITE 7, KC-CG-Sod areas soft when wet, slightly rough when dry or frozen with portions slightly rutted with tire tracks. Use ctn. Avoid unmrkd ditches SW side SE end of paved rnwy and SE edge NE/SW rnwy SW of

CAA weather stn. (3-10)
COLUMBIA ARPT-Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding 20 to 30 million candle pwr ceilometer 1000' E of rot. bcn. (12-20)
DAVIESS CO. ARPT (GALLATIN)-Use ctn until further development. (5-12)
FAYETTE ARPT-Closed during winter-avail. lgt acft in emerg only. (11-19)
FORDYCE FLD (BETHANY)-Hangar under const. (9-19)
HARRIS FIELD (CAPE GIRARDEAU)-Use strips only - parked acft.
HARVEY PARKS AIRPORT (SIKESTON)-Use rnwys only - parked acft.
INDEPENDENCE ARPT-CLOSED. (3-14)
JEFFERSON CITY ARPT-E/W, N/S strips avail. lgt acft only-sod soft when wet. NE/SW strip avail. twin-engine acft not exceeding weight of C45, C78. (5-11)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (2-22)
KANSAS CITY ARPT-RADIO: CAA ILS modulation in progress with sys in oper intermittently. Will be recomm about Apr 15. (3-12) FLD: Avail. mil acft not exceeding 50,000 lbs. Army acft rstd from refueling except in extreme emerg. No. 1 neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Unlgtd levee along N side fld raised to 20' above fld level. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. Obst lgt atop dike and on the extension of center line of N/S rnwy. Heavy acft use rnwys and taxi strips only. Const immediately N of Terminal Bldg-ctn when parking acft this area. (3-28)
KANSAS CITY-GRANDVIEW ARPT (KANSAS CITY)-Sodded areas soft. (2-24)
KIRKSVILLE ARPK-CLOSED UNTIL SPRING. Emerg use only. (11-13)
LAMBERT FLD-ST. LOUIS ARPT (ST. LOUIS)-Closed to non-rdo equipped acft. Conts E, SE bndry fld. Navy facs closed 1700 to 0800 except when Opers Officer notified 2 hrs prior to 1700. .3' ditch, 200' wide E edge rnwy 34 between approach end and intersection of rnwys 6 and 24, lgtd ngts. Equip. on fld days. (3-29)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (2-20)
MARYVILLE ARPT-Use strips only. (9-18)
NEUBEISER GOLF (ST. LOUIS)-Use in emerg only (caretaker status-no facs).
NEW FLORENCE INT, SITE 17, KC-LS-Unsafe heavy acft during thawing weather. (2-21).
ROLLA ARPT-Unsafe heavy acft (soft). (1-15)
ROSECRANS FLD (ST. JOSEPH)-Use rnwys only-sod areas unsafe. Equip. on fld. days. (1-28)
★ST. LOUIS-RADIO: Adtnl VHF voice fac avail on 111.1 mcs. Stn now guards 3105, 4495, 6210 kcs, 116.1, 122.1 mcs. (3-31). These data rcvd too late for inclusion on data page and chart.
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (1-29)
VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strips. (2-26)

BILLINGS ARPT-Army acft rstd from refueling except in extreme emerg. (12-26)
BOYDE MOUNTAIN, BCN SITE 34, SA-HL-Bcn inop. Acetylene blinker operating 42 FPM. (2-18)
★BOZEMAN-RADIO: Mar 21, W course realigned to 78°. Ground checked only.
BUTTE ARPT-Blinding 30 million candle pwr ceilometer 267' E of center of N/S rnwy. (9-11)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy in wet weather. (11-18)
★CUT BANK-RADIO: VHF voice fac comm at commun stn. Transmits on and gds 116.1 mcs cont. Stn class: SBRAZ-DTV. Gds 3105, 4495, 6210, 3117.5 kcs., 116.1 mcs. These data rcvd too late for data page and charts. (3-29) FLD: Ctc lgts inop. (3-25)
DILLON-RADIO: About Apr 6, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (3-22)
DRUMMOND-RADIO: Flight checked Mar 27, courses correctly aligned.
DRUMMOND INT, SITE 44B, SA-HL-Unsafe and soft during thawing weather. Safe all types acft when frozed. (3-10)
**GREAT FALLS-150' obst lgtd twr Rdo Stn KKLK 3 mi NE (60°) true from Great Falls Arpt and 5 mi W (270°) true from Great Falls AAF.
GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders.use 150' center strip. (3-27)
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. E 200' E/W rnwy closed, mrkd. (3-12)
HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
LEWISTOWN ARPT-200' temp lgtd rdo twr stn KXLO 3 mi NE (58°) true. (2-7) Use rnwys only. (2-25)
★LIVINGSTON-RADIO: VHF voice fac comm at commun stn. Transmits on and gds 116.1 mcs cont. (3-25)
LIVINGSTON INT, SITE 10, HL-TWIN CITIES-Rdo Stn KVRI erecting 50' unlgtd antenna pole atop 300' hill 2.5 mi WNW (288°) true. (3-11)
MILES CITY ARPT-Bndry lgts inop. (2-2)
MILLER MOUNTAIN, BCN SITE 37, SA-HL-Bcn inop. (3-6)
MISSOULA CO. ARPT-NE/SW rnwy closed. NW/SE rnwy closed to class B-17 or heavier acft. (2-21)
MOORE ARPT-S end N/S strip rough. (7-30)
MULLAN PASS-RADIO: During winter months, range will be operated intermittently on reduced pwr - courses unreliable (ice on loops) (11-3)
POLSON AIRPORT-Usable with caution. (7-19)
PONDERA CO. ARPT (CONRAD)-Ctn in wet weather (muddy). (3-31) These data rcvd too late for ⓞ symbol.
POPLAR ARPT-Dangerous when wet. (9-6)
ROUNDUP ARPT-NE 2500' NE/SW strip unsafe-large holes, mrkd. (1:21)
SIDNEY AIRPORT-Ends of strips in cultivation.
VALLEY CO. ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using. (9-7)

AINSWORTH MUN. ARPT-Use rnwys only. (3-10)
CLAY CENTER ARPT-Use mrkd strips in wet weather, all way in dry weather. (3-10)
CLEAR RIDGE ARPT (OMAHA)-Use strips only. (3-10)
CRETE ARPT-Use rnwys only. W 1/2 of E/W rnwy closed. (3-13)
ELGIN ARPT-Haystacks on fld. (3-10)
FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet. (3-10)
★GRAND ISLAND-RADIO: Mar 19, range freq changed to 263 kcs. Ground checked only.
GRAND ISLAND AAF-RADIO: Army ILS temp inop. (9-27)
HAWKS ARPT (BRUNING)-Soft when wet. (3-14)
KEARNEY AAF-RADIO: Army H fac temp inop. (1-21) FLD: No Opers office. (3-24)
LINCOLN ARPT-Private acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (1-29)
McCOOK AAF-NW/SE rnwy avail. only. Approx Apr 15 all obst lgts will be inop on 180' twr 2.9 mi SE of NW/SE rnwy. (3-20)
NORTH PLATTE ARPT-Army acft rstd from refueling except in extreme emerg. (10-9)
★OMAHA ARPT-RADIO: Middle and outer mrkrs and compass lctrs of CAA ILS comm Mar 22. See page 29. Bndry mrkr lctd 350' NW of the approach end of NW/SE rnwy keying six dots per second will be decomm Apr 4.

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OMAHA ARPT-Use rnwys only. Rnwy 17R-35L avail. days only. (12-17)
PENDER ARPT-Extreme ctn during wet weather. Lgt acft only. (2-20)
SIDNEY INT, SITE 50, SL-OH-E/W strip avail., bal fld rough. (2-21)

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BATTLE MOUNTAIN-RADIO: 116.1 mc transmitter and rcvr temp inop. (2-10)
BATTLE MTN FLIGHT STRIP, SITE 35, SF-SL-Use paved surfaces only-shoulders soft. Portions of bndry lgts operating intermittently. (1-10)
BOULDER CITY ARPT-SW end NE/SW rnwy unusable. (2-21)
DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)
FALLON NAAS-CLOSED except in emerg. (9-27)
FERNELY INT, SITE 22, SF-SL-Rough with soft areas due to wind erosion, soft sand, mrkd. Avail. days only. (3-11)
HAWTHORNE ARPT-Traffic is 1500' outside of city mile square and 600' altitude. Civil acft advised to enter and leave fld by following the main thru hwys and not fly directly over any bldgs. (3-3)
★HUBBARD FLD (RENO)-RADIO: CAA twr now oper 0800 to 1600 Mon, Tues, Thurs and Fri.; 0500 to 2000 Wed, Sat. and Sun. (3-29). These data rcvd too late for data page.
HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd. (1-2)
LAS VEGAS-RADIO: Mar. 3, VHF range comm cont on test basis at lat 36-11-06, long. 115-05-48. Bear. and dist, stn to McCarran Fld: 24°, 4.2 mi. Freq. 109.1 mcs. Ident. "LQ". Courses: visual: 29°, 209°; aural: 119°, 219°. Mag var: 16°E. Simultaneous voice channel and rcvg watches avail. 24 hrs. daily, Stn. class: VAR-DTV. Stn now guards 3117.5 kcs, 116.1, 122.1 mcs. Disregard spurious signals.
LAS VEGAS AAF-Bndry, rnwy range lgts in cont. ngt oper. Rnwy ctc lgts and neon approach lgts not avail. midngt to 0800 daily. (2-17)
RENO-RADIO: 116.1 mc transmitter and rcvr temp inop. (1-31)
TAHOE SKY HARBOR ARPT (GENOA)-Trans or inexperienced pilots avoid using (8-5)
YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)

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BOIRE FLD (NASHUA)-Windsock atop brick hangar indicates wi nd conditions. In calm air conditions, take-offs and land to NW. 34' hangar under const adj to bldgs S border fld. Bcn oper intermittently. (3-16)
BRATTLEBORO-HINSDALE ARPK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)
CONCORD ARPT-Rnwy 3-21 closed during winter months. Wheel-equipped acft use Rnwys 12-30, 17-35 only. Unplowed portion fld avail. ski-equipped acft when snow conditions warrant. Acft avoid 3' cones immediately beside each ctc lgt. (12-24)
DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (2-17)
**DILLANT-HOPKINS FLD (KEENE)-Port lgts avail. on prior req. (2-20) See page 44
FRANCONIA ARPK-Avail. ski equipped acft only. (2-20)
GRENIER FLD (MANCHESTER)-RADIO: Army ILS temp inop. (3-6)
HOOKSETT LAND AND SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)
LACONIA ARPT-E/W rnwy avail. wheel equipped acft. N/S rnwy, safety strips E/W rnwy avail. ski oper. Ctc lgts inop winter months. (2-25)
**LANCASTER ARPK-ABANDONED (3-21). See page 17.
LEWIS FLD (LITTLETON)-Center of fld dangerous when wet. (2-17)
NEWPORT ARPT-60' trees N end N/S strip. (10-9)
WHITEFIELD ARPT-Ski-equipped acft land off rnwy. (2-20)

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**AERO-MARINE TERMINAL (KEYPORT)-ABANDONED (3-27). See page 80.
ATLANTIC CITY-RADIO: VHF rng operating on test basis only.
★ATLANTIC CITY NAS-RADIO: Navy GCA now operates on 30 minutes notice. Weather minimums: ceiling 200', visibility 1/4 mi. (3-26) FLD: Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hr previous arrangement with Opers Officer. (12-11)
CALDWELL-RADIO: VAR range will be comm on test basis about April 1, at lat 40-50-45, long. 74-23-00. Freq. 109.1 mcs. Ident. "NU". Visual courses: 112°, 292°; aural courses: 22°, 202°. Var. 11° W. Class: VARW. (3-24)
CAPE MAY CGAS-Closed to trans acft except in emerg.(caretaker status-no facs)
**CENTRAL ARPT (CAMDEN)-Bcn,bndry, range, flood, obst lgts. (2-25)..See page 77
COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (3-3)
HADLEY ARPT (NEW BRUNSWICK)-Use only cinder rnwys in wet weather. (2-27)
OCEAN CO. ARPT (ADAMSTON)-Const NE/SW strip. (2-25)
LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S. (1-29)
LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)
MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)
MILLVILLE ARPT-Rnwys incorrectly mrkd. N/S rnwy 18-36 should be 1-19; NE/SW rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE rnwy 12-30 should be 14-32. Ctc lgts E/W rnwy inop. (2-7)
NEWARK ARPT-Closed to all acft without 2-way radio. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld & register. E 800' Rnwy 28 rough. Pilots are to make approach for numberal on Rnwy. No hangar space for Army acft. S 1800' from extreme end pavement Rnwy 1 closed. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to red approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip. (2-8) To reduce the noise of acft flying over Newark residential areas and to avoid tall bldg section following must be complied with: (1) Increase the rate of climb as much as practicable. (2) N-bound or E-bound acft make left turn as soon as practicable when taking off to SW. (3) Make a half left turn as soon as practicable when taking off to W (4) Make a half right turn as soon as practicable when taking off to N Pass at least 500' to E of gas tanks lctd in Harrison when making a southerly direction approach to the N/S rnwy (5) Whenever practicable the arpt traffic controller will suggest the use of rnwys which will permit the acft to avoid passing over residential and tall bldg areas. (9-7)
RED BANK ARPT-Area starting from hwy W 1200' to the intersection of the N/S strip unusable. E end E/W strip seeded. (2-18)
SOMERSET ARPT (SOMERVILLE)-On W take-off start left turn as soon as practicable. On NW take-off make gentle right turn as soon as practicable followed by wide left hand pattern. (3-16)
TETERBORO AIR TERMINAL (BENDIX)-Const. Pilots using fld do so at their own risk. Rdo rcvrs required all acft using fld. Unsurfaced taxiways muddy. (1-30)
**TOMS RIVER ARPT -New fld. Lat. 39-58-30, long. 74-11-30. (2-22) See page 80.

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ALAMOGORDO AAF-RADIO: Army range inop. (2-17) FLD: Ltd lighting Rnwys 3-21, 7-25, 15-33. Wind tee inop. (3-25)
ALBUQUERQUE ARPT-Used by WAA. Avail. only for delivery surplus acft, prospective purchasers of surplus acft or parts, or in emerg. Acft being towed across E/W rnwy. (3-5)
B & B FLYING SERVICE ARPT (ROSWELL)-Const. Avail. trans acft with extreme ctn. Heavy equip on fld. (12-24)
★CLOVIS AAF-RADIO: Army ILS decomm. (3-26).FLD: No opers office. Avail. days only-lgts inop. (3-24)
CONDRON FLD-See notice under White Sands Proving Ground, N Mex
CREWS FLD, SITE 42, EO-PU (RATON)-Avail. days only. (3-18)
GALLUP ARPT-E/W rnwy closed. (3-18)
GALLUP CITY ARPT-ENE/WSW strip under const. (3-18)
HOBBS AAF-Rnwys 3-21, 12-30 closed. Ltd svcg, maintenance No maintenance

1630 Fri to 0730 Mon. (3-12)
HOBBS MUN. ARPT-Allway landing area rough. Heavy acft use rnwys only. (3-18)
JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened. (5-28)
★KIRTLAND FLD (ALBUQUERQUE)-RADIO: Mar. 21, compass lctr comm. and flight-checked at the outer mrkr site of CAA ILS. See page 57.
LAS VEGAS ARPT-Use rnwys only, bal fld unsafe. (2-21)
LOVINGTON ARPT-Cattle on fld. (9-16)
MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (3-18)
PARKER FLD (RUIDOSO-FT. STANTON)-Cattle on fld. (9-16)
ROSWELL-Inten inst train. on Roswell Radio Range below, above, and in overcast. Acft inbound to Roswell or operating in vicinity under IFR, contact Roswell Radio for instructions.
ROSWELL AAF-Ltd parking. (2-16)
SANTA FE ARPT, new-Army acft rstd from refueling except in extreme emerg. (1-15)
TULAROSA ARPT-Use E/W strip only. (9-16)
·WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condron Fld, White Sands Proving Ground will be cleared to Biggs Fld, Tex., and will obtain permission and instructions from Biggs Fld Opers before landing at Condron Fld. When Condron Fld is "Arpt of first intended l anding", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by radio prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condron Fld. (10-14)

NEW

ALBANY ARPT-Equip. on fld intermittently. (2-22)
AMSTERDAM ARPT-Avail. ski-equipped acft only. (2-20)
BALLSTON SPA ARPT-Avail. ski-equipped acft only. (2-14)
BENDER-BRENTWOOD FLD (BRENTWOOD)-Const on fld-ctn. (2-18)
BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)
BUFFALO ARPT-Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. Rnwys and taxi strips mrkd with black flags for winter opers. Lclzr screen 16' beyond lclzr bldg SW end NE/SW rnwy, lgtd. Projects 4' above obst lgts on lclzr bldg. (3-13)
CHEMUNG CO ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practices consistent with safety. (2-22)
CHRISTIE ARPT-Fld soft. Closed to trans acft. (3-8)
FLOYD BENNETT FLD NAS (NEW YORK)-Closed 1700 to 0800. (2-20)
FORT PLAIN INT, SITE 40A, CV-AZ-NE/SW strip, SE 700' NW/SE strip rough. (10-31)
FULTON ARPK-Right traffic when landing S and SE. (3-31) These data rcvd too late for ⓐ symbol.
GLOVE CITY ARPT (GLOVERSVILLE)-Right traffic except when taking-off or landing to E. Closed to all acft above 200 HP. Avail. ski-equipped acft only. (3-14)
HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)
HYLAN FLD (ROCHESTER)-Use strips only-ctn when wet. (5-18)
IDLEWILD-Obst lgts atop all loop antenna poles inop except on SE pole. (1-13)
IDLEWILD ARPT-Not yet opened-const. (3-13)
ISLIP-RADIO: VAR range will be comm on test oper about Apr. 14, at lat. 40-50-30, long. 72-57-57. Freq. 108.3 mcs. Ident. "IP". Visual courses: 61°, 241°. Aural courses: 151°, 331°. Var. 12°W. Class: VARW. (3-24)
ITHACA ARPT-Right traffic pattern in use. (3-3)
KINGSTON-ULSTER ARPT (KINGSTON)-ESE/WNW strip closed. (3-20)

NEW

LA GUARDIA-RADIO: Flight-checked Mar. 21, SW course displaced 3.5 mi NW, bear. 46°.
LA GUARDIA FLD (NEW YORK)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (3-25) FLD: ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N. Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services are not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy lgtd, obst lgts atop lclzr shack approach end rnwy 22 and end rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. 40' GCA truck and trailer 500' W of intersection Rnwys 4-22 and 13-31, mrkd. (2-24)
LONG MEADOW ARPT (REXFORD)-Avail. ski-equipped acft in emerg only. (12-27)
MacARTHUR FLD (ISLIP)-Mobile ILS units 20' high on al l rnwys 500' from rnwy centerline, lgtd. Acft use ctn-unconventional flight test oper. Equip. on fld day-lgt hrs. (2-21)
MALONE-DUFORT ARPT (MALONE)-Avail. ski-equipped acft only. (11-21)
MASSENA-156' twr Rdo Stn WMSA lctd 232°, 3.0 mi SW, temp lgtd with red lgts on top. Upon completion lgtg facs will consist of 300 mm flash. beacon atop and 4 side lgts; 2 at 1/3 level. 2 at 2/3 level. (9-9)
MASSENA ARPT-Use rnwys, taxi strips only-turf rough. (2-21)
★MEDWAY-RADIO: Mar. 27, FM on S course of Albany range decomm. These data rcvd too late for data page and chart.
★MITCHEL FLD (HEMPSTEAD)-RADIO: Outer mrkr compass lctr of Army ILS freq changed to 272 kcs. (3-18) FLD: Rnwy 18-36 closed. (12-18)
NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)
NANTICOKE VALLEY ARPK (MAINE)-Flares avail. in emerg. (3-17)
NEW HACKENSACK ARPT-CLOSED (3-10)
NEW HACKENSACK BCN SITE 6, LG-UL-Soon, rot. bcn with green course lgts will be comm at lat 41-38-09, long. 75-52-34. Elev. 261' MSL. (11-25)
NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat. and 1600 Sun, Naval acft from NAS N. Y. will conduct live gunnery runs and practice bombing in the following areas over New York Harbor: beginning at lat. 40-36, long. 73-15; to lat 40-49, long. 72-30; to lat 40-00, long. 72-30; to lat 40-00, long. 73-15; thence to point of beginning. (2-6). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.
NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", see Special Notice, page 149.
NEW YORK CITY-See Special Notice "Restriction on Flight of AAF Acft in New York City Area".
NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd frm refueling except in extreme emerg. Obst, rnwy lgts avail. 2000 to 0800. (10-30)
OLEAN ARPT-Fld hazardous. Keep off graded rnwy. Fone prior to using. (3-6)
**PARKER ARPT (PALMYRA)-ABANDONED (3-18). See page 41.
PENN YAN ARPT-Ctn at N/S and E/W intersection. Soft in wet weather. (3-4)
PULASKI ARPT-Const. Landing area being extended in all directions. (8-7)
RANDALL'S ARPT (MIDDLETOWN)-Fld soft in wet weather. (3-1)
REPUBLIC FLD (FARMINGDALE)-Closed ngts. No lgt facs. (3-3)
RIDGEWAY ARPK (ROCHESTER)-Use rnwys only-extreme ctn in wet weather. (3-27). These data rcvd too late for ⓐ symbol.
ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days. (2-24)
ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Rnwys 6,33, left traffic

pattern Rnwys 10,15,24. Hospital 3/4 mi from Rnwy 28-avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24. (1-2)
SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed ordinance that any person violating traffic pattern, Federal and State regulations subject to a penalty of $100, for each violation. Closed to heavy acft.
SALAMANCA ARPT-Right traffic pattern when landing and taking off to W-variable pattern to clear houses 1000' W of end of strip. (10-9)
SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)
SCHENECTADY CO. ARPT-Equip. on fld intermittently. Use rnwys only,grass areas soft. (3-26)
SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to the E. (11-18)
SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with ctn. (2-21)
SMITHPORT INC. (UTICA)-Hangars under const. Avail. ski equipped acft only. (2-21)
STEPHENTOWN-RADIO: FM to be relctd on E course of Albany, N.Y range.(3-6)
SYRACUSE MUN. ARPT-Turf areas soft after heavy rains. (2-21)
TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (2-25)
TROY ARPT-Bcn inop. (10-10)
UTICA ARPT-Bcn inop. (2-26)
VALLEY AIR PARK (MIDDLEBURG)-Fld soft. Right traffic when landing to NW. New strip under const. Present strip will have equip. on it all summer. (3-17)
WATERTOWN-RADIO: VHF range will be comm soon. Lat 43-57-08, long. 76-03-52, 3.15 mi. 48° mag to SW end of NE/SW rnwy from stn. Freq. 109.1 mcs. Ident. "WB". Visual courses: 64°, 244°; aural courses: 154°, 334°. Var. 12° W Blue sector N hemisphere. Stn class: VARW. (3-24)
WINGDALE ARPT-Avail. lgt acft only-rough. (3-21)
ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N (1-24)

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ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip. on fld. No radio facs. (1-7)
ATLANTIC MCAAF-Use in emerg. only (caretaker status-no facs)
BALLOON FLD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT.No Army maintenance.
BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
BURLINGTON ARPT-N/S strip and all sod area unusable. Use rnwys only. (2-20)
CAP ARPT (RALEIGH)-S 200' N/S strip unusable. SW 1400' NE/SW strip under const. (2-10)
CHERRY POINT MCAS-RADIO: Temp repairs made Navy range, use with ctn. (11-20) FLD: Const, equip. on rnwys. Rnwy lgts being repaired. (12-20)
DOUGLAS ARPT (CHARLOTTE)-Bcn code ident inop. (2-27)
EDENTON NAS-Use in emerg only (caretaker status-no facs)
ELIZABETH CITY-RADIO: Soon, VHF range without voice will be comm on test basis only at lat 36-14-49, long. 76-17-25. Freq. 108.3 mcs. Ident. "ES" Aural courses: 66°, 246°; visual courses: 216°, 36° "N" signal to N. Blue sector to W, yellow sector to E. Will be operated only during daylgt hrs and periods of favorable weather conditions. Not monitored, is unattended and should not be used for navigational purposes. (3-18).
ELIZABETH CITY CGAS-Stay on rnwys - shoulders soft, rough. Closed ngts from 1930 to 0730 except on prior req. All fld and rnwy lgts inop. (12-12)
FORT BRAGG-Heavy firing is bei ng conducted in all sections of Ft. Bragg danger area up to 20,000'. All acft must avoid this area shown on Flight Planning Chart 110 herein. Inten training days with rdo control target planes from fld 6 mi due E of N end Pope Fld. Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.
GASTONIA MUN. ARPT-Training program consisting of from 2 to 6 acft in progress ngtly during CFR conditions. All flgts conducted below 3000'. (1-29)
GREENSBORO-HIGH POINT ARPT-Both sides rnwy 32 to intersection soft,rutted. Use rnwys only. No Navy svcg facs. (3-25)
HICKORY-RADIO: VHF rng operating on experimental basis only.
KINSTON MCAAF-Avail. civil. acft only in emerg. (11-13)
MANTEO-RADIO: Navy FM on SE course of Weeksville NAS Navy range temp inop (3-3)
MORGANTON ARPT-Soon will be closed to all acft-use Riverside Arpt. (4-26)
NEW BERN-RADIO: VHF range without voice will be comm. on test basis only at lat 35-05-20, long. 77-06-50. Freq. 109.9 mcs. Ident. "NB". Aural courses: 65°, 245°; visual courses: 35°, 215°. "N" signal to N. Blue sector to W; yellow sector to E. To be operated only during dayigt hrs and periods of favorable weather conditions. Not monitored, unattended and should not be used for navigational purposes. (3-18)
★POPE FLD (FT. BRAGG)-RADIO: Army ILS decomm. (3-28). FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT BRAGG. 73 oct. avail. that fld. (1-31)
RALEIGH-DURHAM ARPT-ILS and transmitter bldg 900' from NE end NE/SW rnwy. Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Appch lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obst mrkd. Use rnwys, taxi strips only. (3-5)
ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
SMITH REYNOLDS ARPT (WINSTON-SALEM)-NE/SW, N/S rnwy lgts very dim. (3-31). These data revd too late for ⓪ symbol.
THOMASVILLE ARPT-Ctn-strip rolling. (3-25)
WEEKSVILLE NAF-LTA-Avail. HTA and LTA acft from 0800 - 1630, all other times by prior arrangement with the CO, or Operations Officer. (2-27)
WILMINGTON-RADIO:Soon,VHF rng without voice will be comm on test basis only at lat 34-20-40, long. 77-53-30. Freq. 108.7 mcs. Ident. "VT". Aural courses: 40°, 220°; visual courses: 86°, 236°. "N" signal to N. Blue sector to W; yellow sector to E. Operated only during daylgt hrs and periods of favorable weather conditions. Not monitored, is unattended and should not be used for navigational purposes. (3-18)
WINSTON-SALEM-RADIO: Courses aligned by ground check only. (3-13)

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BISMARCK ARPT-Use rnwys only. Equip. on fld intmtly. Army acft rstd from refueling except in extreme emerg. Crash and fire fighting equip. avail. 0800 to 1900. (12-5)
CHANDLER ARPT (WILLISTON)-Use strips only, bal fld rough. (5-10)
DAWSON INT, SITE 63, HL-TWIN CITIES-CLOSED (water, mud on fld). (3-24)
FARGO ARPT-HECTOR FLD-Weather below CFR minimums indicated by oper of bcn days and flash. tetrahedron lgts ngts. (3-13)
GRAND FORKS ARPT-Temp pwr line extending N/S 400' E of E/W rnwy, unlgtd. 30-50' tanks adj to NE corner fld, temp lgtd. (3-31)
MOHR ARPT (FESSENDEN)-CLOSED (soft). (3-24)
PEMBINA INT, SITE 14A, FO-WG-Closed to heavy acft. Lgt acft use ctn. Equip. on fld days. (3-22)
PORT O'MINOT ARPT (MINOT)-Use rnwys only-soft. Ditch leading from Admin. Bldg to CAA stn caving in. Taxi to hangars between flags and flares approx 200' W of Admin Bldg. (3-29)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Strips soft. Use rnwys during thaws. (2-26)

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AKRON ARPT-Use rnwys only.Equip. on fld days. Trans pilots must register in

Admin. Bldg on arvl and dptr. Ltd svcg facs only. (1-22)
BEDFORD ARPT-Rough. Center of fld closed,mrkd with red flags. (3-17)
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to NW and SW. (3-1)
BROOKFIELD ARPT-CLOSED (grading) (2-27)
BROOKLYN ARPT (CLEVELAND)-Trans acft land at own risk.. (2-22)
BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. Fld closed to heavy traffic until May 1, 1947. (2-26)
CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)
CHAGRIN FALLS ARPT-CLOSED (3-24)
CHARDON ARPT-Use rnwys only. Fld soft in wet weather. (2-25)
CHERRY FORK INT, SITE 4, CC-WA-CLOSED. (3-14)
CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)
CLEVELAND ARPT- Three 200' twrs 10 mi SE lgtd at 2 levels, top with temp steady burning bcn, top bcn to be replaced by flash. type. Trans pilots must register in Term. Bldg. upon arvl and dptr. Landing fee on all civil. multi-engine acft. Glide path transmitter and antenna being const 760' NE and 200' W of approach end Rnwy 5L, mrkd. (3-14)
CLINTON CO. AAF (WILMINGTON)-Rnwy lgts avail. on one hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC Center upon entering or prior to dptr from ATC area. Inten inst train. being conducted; for danger area outline see Chart Columbus 71. (1-22)
COLDWATER INT, SITE 4, DY-GO-Soft. (3-17)
CONNEAUT ARPT-Closed to heavy acft. Ctn in wet weather. Use strips only.(3-27)
DAYTON ARPT-Use rnwys only-soft. Equip. on fld. For remainder of winter two 30" cones placed approx 100' beyond ends all rnwys as supplement to flush range lgts Sod areas W of rnwy 18-36 and N of Rnwy 9-27 rough-use in emerg only. (3-30)
FAIRFIELD-RADIO: Army FM unreliable. (2-17)
★FINDLAY-RADIO: Stn class: BMHT. (3-29). These data rcvd too late for data page
GRIESER ARPT (WAUSEON)-Use strips only. (7-3)
GRIMES FLD (URBANA)-Use strips only. Land according to wind tee lctd in center of fld (3-1)
**HAYESVILLE-280' twr of Rdo Stn WATG erected at lat 40-53-30, long. 82-19-30, obst lgtd lwr and mid levels with flashing lgts atop. Elev. 1549 MSL. Relative lctn from arpts 4.2 mi SW Ashland, 4.5 mi NW Hayesville, 7.5 mi E Mansfield. (3-13)
LAKEWOOD ARPK (CINCINNATI)-Right traffic E, left traffic W. (2-23)
LANSDOWNE ARPT (GREENVILLE)-Fld soft when wet. (2-25)
LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclzr of Army ILS inop. (12-30)
LORAIN SKYPORT-NE/SW rnwy temp shortened to 1800' (water main being dug across SW corner fld. Trans acft avoid fld in wet weather. Soft intermittently until June 1. These data rcvd too late for symbol. (3-27)
★LUNKEN ARPT (CINCINNATI)-RADIO: CAA twr now transmits on 227 kcs., 118.7 mcs. Gds. 3105,4495,6210,3117.5 kcs., 118.7, 122.5 mcs. (3-29). These data rcvd too late for data page and chart. FLD: Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. (3-28)
MANSFIELD ARPT-Use rnwys, taxi strips only. Equip. on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (1-17)
MARION ARPT-Use only NE/SW , NW/SE strips W side fld. NE/SW, NW/SE strips extend into cultivated area W end fld. (6-4)
McKINLEY ARPT (CANTON)-80' twr midway between NE/SW and NW/SE rnwys on E bndry. To be removed in near future. (2-21)
MEDINA PRICHARD ARPT (MEDINA)-E/W, NE/SW strips closed. Land N-S in W portion of sodded fl d. Watch where local acft land. (2-3)
MIDDLETOWN ARPT-Right traffi c pattern taking off to S, SW and W.
NORWALK ARPK-CLOSED (soft). (3-24)
NORWALK ARPT-Ditch N end N/S strip adj to side of road. (7-26)
OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use rnwys only.(2-26)
PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E,NE,SE.(3-3)
★PATTERSON FLD (FAIRFIELD)-RADIO: Army VHF DF stn now in cont oper. on 139.32 and 140.58 mcs. (3-19) Army ILS (SCS-51) will be used for CFR training flgts and in emerg only. (2-17) FLD: Equip. on fld. (1-3)
PAULDING CO. ARPT (PAULDING)-Soft when wet, land at own discretion. (2-26)
PORT COLUMBUS NAS (COLUMBUS)-RADIO: Compass lctrs at middle and outer mrkr sites of CAA ILS will be comm soon. (3-8) FLD: Use rnwys only-grass areas rough. Glide path and neon approach lgts not operating pending removal of obsts in approach lane. (3-6)
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)
REED'S FLD (WATERTOWN)-Use only E/W strip when soft. Fills in NE/SW strip during thawing weather. (2-21)
STOMBAUGH ARPT (BRYAN)-Ctn wet weather. Use rnwys only. (2-20)
SKY HAVEN ARPT (NORTHFIELD)-Ctn when wet. (2-24)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Test flying. Land according to wind tee atop NE corner of hangar. Use rnwys only Unlgtd bldgs entire S bndry fld. Trans pilots must register in Opers Office upon arvl and dptr. (2-26)
WARD ARPT (BEDFORD)-SW end NE/SW strip under const. Strips unusable during thaws. (3-2)
WELLINGTON ARPT-Right traffic on S and SW rnwys. Const. N end N/S rnwy. Closed during thawing weather. (3-13)
WRIGHT FIELD (DAYTON)-CLOSED TO ALL TRANS ACFT EXCEPT IN EMERG. All transient Army and Navy aircraft use Patterson Field. (3-18)
YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (3-13)
ZANESVILLE AIRPORT-Use rnwys, taxi stri ps only-newly seeded areas. Tetrahedron ngts on req only. Rnwy in use lgtd cont. (3-13)

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ALTUS AAF-Avail. only for delivery surplus mil acft or in emerg. Equipment on and near N/S rnwy. (3-17)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg. only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten ctc and inst training in progress. (3-11)
CADDO FLYING SERVICE (FORT COBB)-Use with caution when wet. (3-9)
CIMARRON FLD (YUKON)-Now a WAA Sales and Storage Center. No servicing, repairs, or overnight storage. Planes parked on field. 4 strips indicated by pylons and markers. Lime markings center of each strip. (3-17)
**DELHI AIRPORT-Name changed to Sayre Municipal Airport. (11-8). See page 93.
ENID AAF-Ltd parking facs. Use rnwys, taxiways only. (1-29)
GARTHOEFFNER COUNTRY CLUB AIRPORT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (3-17)
GREAT SALT PLAINS BOMBING RANGE (JET)-Transient aircraft land at Enid AAF for permission to use this field. (6-10)

GUTHRIE INT, SITE 21, FV-WD-Course lgts changed to red. Bndry lgts decomm. (3-7)
HATBOX FLD-MUSKOGEE ARPT (MUSKOGEE)-Use rnwys only - parked acft.
**HOHMANN ARPT (LONE WOLF)-New fld. Lat 34-59-00, long. 99-13-45 (11-7) See page 93.
IDABEL ARPT-Avoid S 1/3 N/S strip after heavy rains. (2-26)
LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (3-17)
MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only. Lcl traffic avoid flying over bldg area and corporate limits of Norman. (3-17)
NUCKOLS FLD (OKLAHOMA CITY)-Use rnwys only. (1-14)
OKLAHOMA CITY-RADIO: About Apr 4, an approach control FM (Mustang FM) will be comm on the W course of Oklahoma City Range at lat 35-23-36, long. 97-46-30. Ident, four dashes. (3-24)
POST FLD (FT. SILL)-All except liaison acft use rnwy. Rnwy unlgtd; closed ngts. Const, equip. on fld. Bcn atop water twr inop. (3-7)
ROOSEVELT-RADIO: VHF rng flgt-checked and comm on cont oper on and exper basis only (no facs to contrd. or monitor rng). Lat 34-52-00, long. 99-03-48. Freq 108.7 mcs. Ident. "RQ" Visual courses: 53°, 233°, aural courses: 143°, 323°.
**SAYRE MUN ARPT-New fld. Lat 35-10-30, long. 99-39-15. (11-8) See page 93.
SHAWNEE ARPT-Use rnwys, taxi strips only. (3-17)
STILLWATER ARPT NO. 1-325' twr Rdo Stn KSPI being erected 4 mi SSE (160°) true. Will be completed approx Mar 20. (2-20)
TINKER FLD (OKLAHOMA CITY)-RADIO: Army rng reliable for homing only. (3-6) FLD: Use rnwys, taxiways only. Stored acft adj rnwys. W ramp congested. (3-6)
★TULSA ARPT-RADIO: Mar 22, compass lctr comm and flgt-checked at outer mrkr site of CAA ILS. See page 61. Voice commun on lclzr of CAA ILS inop. (3-14) FLD: Pilots without rdo watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only. (3-26)
WILL ROGERS FLD (OKLAHOMA CITY)-Bndry lgts inop-ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. (1-16)
WOODRING FLD (ENID)-Use rnwys only. (8-5)

BAKER ARPT-Use rnwys only. (1-29)
BEAVER MARSH INT, SITE 73, RV-ND-Usable with ctn-rough. (3-13)
CIVIL AIR PATROL ARPT (WORDEN)-Soft when wet. Pilots use at own risk.(3-13)
COASTWAY SCHOOL OF AERONAUTICS (TILLAMOOK) -Right traffic W takeoffs and landings. (3-17)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade.(8-5)
HOOD RIVER ARPT-Avail. lgt acft. Soft when wet. (3-13)
KLAMATH FALLS ARPT-Rnwy lgts Rnwy 7-25 inop. (2-19)
MAHLON SWEET FLD (EUGENE)-Equip. on fld. Use rnwys only. (10-6)
MEDFORD ARPT-Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or flood lgts. No maintenance mil. acft. (3-12)
ONTARIO-RADIO: MH and voice fac on 382 kcs., rcvg watches on 3105,4495,6210, 3117.5 kcs, plus weather reporting services and teletype facs will be recomm about Apr 6. MH fac will oper on req only. (3-18)
PORTLAND-RADIO: Stn lctn mrkr decomm. indefinitely delayed. (3-24)
★PORTLAND AAB-RADIO: CAA ILS comm Mar 28. Approach bear. 113° mag.
** Voice-equipped lclzr freq. 109.9 mcs. Lctd 900' SE of SE end of NW/SE rnwy on centerline. Glide path freq 333.8 mcs, angle 2.5°. Lctd 1119' SE of NW end NW/SE rnwy. Intercepts outer mrkr at 1000' MSL and middle mrkr at 130' MSL. Outer mrkr lctd 4.81 mi NW of Nw end of rnwy, keyed two dashes per sec. Middle mrkr lctd 0.52 mi NW of NW end of rnwy, keyed alt dots and dashes. No bndry mrkr. (3-24). These data rcvd too late for data page. FLD: All lgt facs avail. This corrects Airgi Vol. 1, No. 26. (3-26) See page 142.
ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry. (12-3)
SANTIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W.(3-13)
SEASIDE ARPT-Right traffic S takeoffs and landings. (3-17)
THE DALLES ARPT-NE/SW rnwy unlgtd. Pole line SW unlgtd. (3-19)
TILLAMOOK NAS-Rot. bcn operates from sunset to sunrise and during IFR conditions. Ctn during low visibility. High terrain surrounds stn in all quadrants. (2-8)
TROUTDALE ARPT-Parked acft. (3-13)

ALLENTOWN-BETHLEHEM ARPT-Areas off rnwys soft in wet weather. Flood-lgts Rnwys 9, 14, 18 inop. (3-3)
BARRETT ARPT (CANADENSIS)-CLOSED (const). (12-18)
BEAVER FALLS ARPT-Patterson Heights Arpt-1.5 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
**BEDFORD ARPT-New fld. Lat 40-05-30, long. 78-31-15. (2-25) See page 73.
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2)
BLAIR CO. ARPT, SITE 24A, CO-PG(MARTINSBURG)-Use rnwys only. (3-13)
★BROOKVILLE-RADIO: Mar 24, FM on W course of Philipsburg rng decomm.
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (3-14)
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (3-11)
CECIL-RADIO: Visual and aural FM signals reported in vicinity of Imperial, Pa. (7-17)
CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' ext. E end E/W strip under const. Fld soft when wet. (2-21)
CLEARFIELD ARPT-Right traffic when taking off to the E, NE and SE. (12-31)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. Pwr lines E. (3-10)
CUB HAVEN AUX. SEAPLANE BASE (LOCK HAVEN)-Closed winter months. (11-15)
DALEVILLE ARPT-Right traffic used on S to SE take-off. (11-29)
EAST SCRANTON ARPT (SCRANTON)-Emerg use only. (8-28)
GORDON ARPT-NW/SE rnwy closed. Section being repaired mrkd with 50' white X and rnwy mrkd with red flags. (3-19)
GREATER PITTSBURGH ARPT (PITTSBURGH)-Use rnwys only-shoulders soft. CFR plans only. Ltd Army facs. Rnwy 32 closed. Equip. on fld. (1-20)
GREEN ACRES ARPT (HAZLETON)-Strips soft when wet, use sodded area only. Const N/S rnwy. Use NW/SE, E/W, NE/SW strips. (2-21)
GREENE CO. ARPT (WAYNESBURG)-Temp 60' derrick adj to N side of NE/SW rnwy, mrkd. (1-28)
**GRIMES ARPT (BETHEL)-New fld. Lat 40-29-15, long. 76-15-30 (10-22) See page 76.
HARRI-EMERY ARPT (BRADFORD)-CLOSED (snow). (12-23)
HARRISBURG STATE ARPT-Use rnwys only. (3-12)
JOHNSTOWN ARPT-Use rnwys only. (11-22)
KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (3-13)
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd. (3-12)
MILLARD ARPT (ANNVILLE)-Sod area soft. Use rnwys only. (1-22)
MT. JEWETT ARPT-Temp closed (snow). (1-11)
MT. POCONO ARPT, SITE 21, BJ-LG-Ruts along extreme SE side NE/SW rnwy. Use ctn when taxiing this area. (3-24)

MT. UNION ARPT-Left traffic 600' pattern. Student training. Land according to wind tee S end fld. Wind sock atop hangar. In wet weather, use only rnwys, taxi strips. (3-13)

MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (1-27)

**NEW HANOVER ARPT-No lgts. (2-21) See page 76.

OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld. 81' high tension wires across approach zones Rnwys 29, 14. Lgtd obsts between Rnwys 29, 32, approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use rnwys 11, 32 for ngt landings. (12-26)

★PHILADELPHIA-RADIO: VHF rng decomm. Equip. relctd at Atlantic City, N.J.

PHILADELPHIA NORTHEAST ARPT-RADIO: About Apr 2, freq of CAA twr will be changed to 212 kcs. (3-24) FLD: Avail. rdo-equipped acft. Use rnwys only. Equip. on fld intermittently days. Trans pilots must register in Admin Bldg on arvl and dptr. (3-13)

★PHILADELPHIA SOUTHWEST ARPT-RADIO: Lclzr, middle and outer mrkrs of CAA ILS on 109.9 mcs for test purposes only temp inop. Transmitter lctd E end E/W rnwy. Ident. "PG". (12-31) CAA assumed oper of twr Apr 1. These data rcvd too late for inclusion on data page. FLD: Closed to non-rdo-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. (3-13)

PITTSBURGH-RADIO: DF stn temp inop. (11-24)

PITTSBURGH-ALLEGHENY CO. ARPT-N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo equipped acft. Truck and trailer N edge NW/SE rnwy, lgtd. (2-21)

PITTSBURGH-BETTIS ARPT-Right traffic on NE and NW rnwys. (3-14)

PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (3-14)

READING ARPT-RADIO: CAA ILS oper on Rnwy 36 on exper basis. Lclzr on 109.5 mcs. Not flgt-checked. Lclzr temp inop. (11-11) FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld days. Right traffic on Rnwys 13 and 18, (1-15)

SMILIN' JACK ARPT (DOUGLASVILLE)-Center of fld being graded. NE/SW strip closed. Use N/S strip. (12-3)

STAR VALLEY ARPK (CHARLEROI)-Equip. on strip intmtly. Unusable in wet weather. (11-22)

SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings. (10-15)

**TURNER AIRFIELD (LANSDALE)-New fld. Lat 40-13-15, long. 75-12-45. (12-2) See page 77.

VALLEY FORGE ARPT (NORRISTOWN)-E/W, NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic temp; on W or SW use left traffic. (3-13)

VANDERGRIFT ARPT-Fld soft and rutted use in emerg only. (3-19)

WEST CHESTER ARPT-Strips under const. (4-15)

WILKES-BARRE-WYOMING VALLEY ARPT-Use rnwys only. Closed ngts. Bndry and obst lgts avail. in emerg or by prior req. (3-29)

WILLIAMSPORT ARPT-Closed ngts. Avail. emerg landings only. (10-4)

WILLOW GROVE NAS-Closed from official sunset to 0800. (3-14)

WINGS FLD (AMBLER)-Rolling, grading, seeding in progress, mrkd days. (3-26)

RHODE ISLAND

CHARLESTOWN NAAS-RADIO: Navy GCA unit inop pending relctn to Quonset Point NAS. (3-19) FLD: Closed 1800 to 0700. Flgts desiring landings during closed hrs must notify stn 1 hr prior ETA. (3-13)

GREENE ARPT, T.F. (PROVIDENCE)-Use rnwys only. Equip. on fld 0800 to 1700. (3-12)

★PROVIDENCE-RADIO: Mar 13, INSAC recomm. VHF rng will be comm soon at lat 41-40-32, long. 71-50-48. Freq 108.7 mcs. Ident. "PR". Visual courses: 59°, 239°; aural courses: 149°, 329°. Var. 14°W. Class: VARW. (3-25)

SOUTH CAROLINA

CLARK FLD (CHARLESTON)-Strips rough. (4-19)

COLUMBIA-RADIO: Rng flgt-checked Mar 20, courses correctly aligned.

CONGAREE FLD (COLUMBIA)-NG svcg not yet avail. (3-25)

FLORENCE ARPT-Closed ngts (bcn, rnwy, obst lgts inop). Use rnwys only. (3-13)

GEORGETOWN CO. ARPT (GEORGETOWN)-Bcn inop. (12-1)

GREENVILLE AAB-Wind tee rmvd. Tetrahedron lgts inop. Non-rdo equipped acft watch twr for landing instructions. Occasional heavy glider traffic. Maintenance 0830 to 1700 daily. E/W rnwy closed. (3-25)

JENNINGS ARPT (ORANGEBURG)-115' unlgtd derrick 3/4 mi N. (3-21)

LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr inop. (3-25)

MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. (1-29)

MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 50 mi radius during IFR. (12-17)

OWENS FLD (COLUMBIA)-Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd. (12-5)

PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no facs).

SHAW FLD (SUMTER)-No 73, 91 oct. (12-11)

WOODWARD FLD (CAMDEN)-RFC planes parked entire fld off rnwys. Use rnwys, taxi strips only. No facs for closing flgt plans other than fone. Flgt plans should be closed with Shaw Fld twr before landing. Closed ngts. (12-6)

SOUTH DAKOTA

ABERDEEN ARPT-Equip. on fld days. (3-16)

ANDERSON ARPT (MITCHELL)-Areas off rnwys soft in wet weather. (3-27)

BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (3-27)

BIEDENFELT FLD (FAULKTON)-Hay stacks on fld. Use strips only. (3-27)

BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn. (3-27)

MILLER INT, SITE 44, CX-HR-Soft during thawing weather. (3-31) These data rcvd too late for ⓪ symbol.

★RAPID CITY AAB-RADIO: Army ILS decomm. (3-27)

SIOUX FALLS ARPT-Use rnwys only. Tetrahedron rmvd. Infld rough 100' E of center of NE/SW rnwy, mrkd. (1-8)

W. W. HOWES ARPT (HURON)-Closed to all acft exceeding 3500 lbs. E/W rnwy closed except for taxiing. N 300' N/S rnwy closed, mrkd. (3-24)

TENNESSEE

★BERRY FLD (NASHVILLE)-RADIO: Middle compass lctr flight-checked and comm at middle mrkr site. Freq. 365 kcs. Ident. "L". These data rcvd too late for data page. (3-28) FLD: Use rnwys only-rnwy, taxiway shoulders soft. (1-13)

**BROWN FLD (HOHENWALD)-NEW fld; Lat 35-32-30, long. 87-32-00. (3-24) See page 104.

CHATTANOOGA ARPT-LOVELL FLD-Intermittent dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (2-27)

**CLIFTON ARPT-New fld. Lat 35-23, long. 87-58. (3-24). See page 104.

CORNELIA FORT AIRPARK (NASHVILLE)-Landings and take-offs to S use left hand traffic, to N right hand traffic. (7-24)

CUMBERLAND FLD (NASHVILLE)-Strips under const.

EMBRY RIDDLE FLD (UNION CITY)-Use rnwys only-parked acft.

GALLATIN INT, SITE 66, DL-LV-On or about Apr 1, lighting facs including bndry obst and wind cone lgts will be discont. Course lgt changed to red. No change in - char. 24" rot. bcn with red course lgts will remain in oper. (3-7)

**ISLAND ARPT (KNOXVILLE)-150' obst lgtd twr of rdo stn WROL/FM is erected 4.5 mi NW (300°) true. (3-19)

KNOXVILLE-McGHEE TYSON ARPT-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin Bldg. (3-13)

**LAKESIDE ARPT (DANDRIDGE)-New fld. Lat 36-01-45, long. 83-18-15. (3-24). See page 106.

LEBANON ARPT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)

McKELLAR AIRPORT (JACKSON)-Use rnwys only-parked acft.

MEMPHIS ARPT-RADIO: Army air/gnd stn now operates on 4765 kcs in addition to freqs previously published. (3-28) Outer compass lctr of CAA ILS inop (interference). (2-26) Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 MPH. At such times, traffic will be controlled by lgt gun signal from lctn atop term bldgs on S side arpt. (11-19) FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way radio transmitting on one of the following freqs: 3105,4495,6210 kcs. Other acft may land by obtaining previous authorization from CAA inspector. Student instruction in private acft not permitted. Ltd facs. No 91 oct. (1-16)

MEMPHIS FLYING SERVICE (MEMPHIS)-All N take-offs and landings, right hand traffic, all S take-offs and landings, left hand traffic. NE/SW and E/W rnwys closed. (2-24)

MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flight plans should be addressed to "MEMPHIS NAVY". Exten flight opers in 15 mi radius. Traffic left at 1000'. Red rot. bcn indicates IFR. (2-8)

OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only. (1-13)

**PIERCE FLD (KINGSPORT)-New fld. Lat 36-30-30, long. 82-34-30. (3-24). See page 108.

SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (3-7)

TRI-CITY ARPT-RADIO: Oct 5, CAA twr comm, operating 0800 to 2100. Lgt gun only. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (10-22)

WHITEVILLE INT, SITE 49, DL-LV-Unsafe heavy acft. Lgt acft use ctn. (2-3)

[redacted]

ABILENE-RADIO: Stn guards 3117.5 kcs 2300 to 0700.

ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr. (3-13)

ALICE ARPT-Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. (3-17)

ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (3-17)

ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe-NW/SE usable with ctn. Rnwy lgts inop. (3-17)

ASHERTON ARPT-High brush-use strips with ctn. (3-17)

**ATLANTA MUN. ARPT-New fld. Lat 33-06-15, long. 94-12-00. (11-15). See page 100. Cattle on fld. (11-15)

AUSTIN-RADIO: Stn guards 3117.5 kcs 2300 to 0700. Range flight-checked, courses correctly aligned, break in stn location mrkr light pattern. (5-23)

BERGSTROM FLD (AUSTIN)-RADIO: Army ILS temp inop. (3-7) FLD: NE/SW, NW/SE rnwys closed. (2-10)

★BIGGS FLD (EL PASO)-RADIO: Army ILS glide path avail. See page 88. Angle 2°, lctd 750' SW of NE end Rnwy 21, 400' NW of rnwy centerline. (3-6) FLD: See notice under White Sands Proving Ground, N.M. (12-26)

**BIG LAKE MUN. ARPT-New fld. Lat 31-11-45, long. 101-28-15. (9-17). See page 92 Use strips only. (9-17)

BIG SPRING-RADIO: Stn gds 3117.5 kcs 2300 to 0700. (2-27)

BROOKS FLD (SAN ANTONIO)-Equip. on fld. (3-24)

BROWNSVILLE-RADIO: Commun stn guards 3117.5 kcs during hrs 0001 to 0800. (2-23)

BRUCE FLD (BALLINGER)-Holes in fld. Use rnwys only. (3-17)

CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)

CHILDRESS-RADIO: VHF range on exper status only comm and flight checked for cont oper at lat 34-22-12, long. 100-17-12, lctd approx 5-1/2 mi SW of Childress. Freq. 109.1 mcs. Ident. "CM". Visual courses: 53°, 233°; aural courses: 323°, 143°. (7-25)

CLEBURNE NORTHWEST ARPT-250' twr rdo stn KCLE being erected 1.5 mi NNE (29°) true. (2-3)

CLEVELAND-RADIO: Oper on exper basis only. (1-9)

**CLIFF MAUS FLD (CORPUS CHRISTI)-Effect Mar 15, acft must be equipped with 2-way rdo. (3-15). See page 113. Use rnwys only during wet weather. (3-15)

COMMERCIAL ARPT (EDINBURG)-Two 250' twrs being erected 2 mi W (273°) true. (2-11)

CORPUS CHRISTI-RADIO: Commun stn guards 3117.5 kcs between hrs 2300 to 0700. (2-25)

CUDDIHY FLD (CORPUS CHRISTI)-RADIO: Mun twr comm. Operates 1230 to 2130, daily except Weds. Lgt gun oper only. (3-21) FLD: Traffic left 600'. (3-15)

CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings to be made within orange cone bndrys. (3-12)

DENTON ARPT-Use N/S rnwy only. (2-21)

DIMMIT CO. ARPT (CARRIZO SPRINGS)-Use in emerg only. Const. (2-24)

DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)

EAST SIDE ARPT (LONGVIEW)-320' rdo twr being erected 3 mi SSW (196°) true. (2-25)

EDNA ARPT-Ctn when wet. Use strips and taxi strips only. (2-22)

EGYPT, BCN SITE 13, ZN-HU-Soon will be perm discont. (12-12)

ELDORADO ARPT-E/W strip soft in wet weather. (3-17)

ELLINGTON FLD (HOUSTON)-Closed to VHB acft except in emerg. Svcg 0800 to 1700 only. (2-24)

★ENGLISH FLD (AMARILLO)-RADIO: Mar 20, compass lctr flight checked and comm at the outer mrkr site of CAA ILS. See page 60. FLD: Use rnwys, taxi strips only (3-1) 175' tank being erected 6 mi WSW (255°) true. 250' derrick being used during const, lgtd. Five 300' lgtd twrs of Rdo Stn KGNC being erected 15 mi NE (30°) true. (1-19)

FAIRCHILDS, BCN SITE 16, ZN-HU-Soon, will be perm discont. (12-12)

FLORESVILLE, BCN SITE 2, ZN-HU-Soon will be perm discont. (12-12)

FORNEY-RADIO: FM on E course of Dallas range inop. (12-31)

FORT WORTH AAF-E/W rnwy, Rnwy 17R-35L closed. 40' trees immediate end

Rnwy 35L. (3-27)
FORT WORTH SEAPLANE BASE-Proximity to AAF calls for the use of discretion in circling the Seaplane Base. Traffic patterns are all away from the AAF. Ramps and beaching dollies under const. (1-8)
GARWOOD, BCN SITE 11, ZN-HU-Soon will be perm discont. (12-12)
GASKIN FLD (SHERMAN)-Use rnwys only.
GIBBS FLD (FORT STOCKTON)-Use rnwys only-parked acft. Use only in emerg.
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (3-17)
GOODFELLOW FLD (SAN ANGELO)-Use rnwys only. Ctc Goodfellow Rdo 15 mi out in IFR weather. Acft flying N or E on range maintain odd 1000' alts. Acft flying W or S maintain even 1000' alts unless otherwise advised by Goodfellow Rdo. Local inst acft using range. Ltd parking, svcg facs. (1-8)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (1-6)
GUTHRIE-RADIO: VHF range flight checked and comm on cont oper on an EXPER BASIS ONLY at lat 33-46-30, long. 100-20-09. Freq. 108.3 mcs. Ident. "UH". Visual courses: 72°, 252°; aural courses: 162°, 342°. Blue sector in North quad. "N" in E quad, "A" in W quad. (1-10). Var. 11° E.
HALLETSVILLE, BCN SITE 8, ZN-HU-Soon will be perm discont. (12-12)
HARLINGEN MUN. ARPT-100' twr Rdo Stn KGBS, 5 mi SSW (197°) true being increased in height approx 40' daily until reaching 425', obst lgtd. (3-11)
HEARNE, BCN SITE 15, GS-WC-Bcn inop. (5-16)
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. (12-27)
HICKS FLD (FT. WORTH)-Use strips only-parked acft. (1-2)
HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-28)
HITCHCOCK NAF-LTA-RADIO: 6390 kc transmitter and rcvr temp inop. (3-12)
HOLMAN ARPT (WICHITA FALLS)-Use strips only. Ctc Wichita Falls Rdo for ngt landings. (5-12)
★HOUSTON ARPT-RADIO: CAA ILS flight-checked and comm less glide path Mar 21. See page 117. FLD: Four 190' obst lgtd twrs rdo stn KATL erected 15 mi NW (313°) true. (3-22) Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip. on fld. NW/SE rnwy closed. (3-29)
JOAQUIN-RADIO: VHF rng operating on experimental basis only.
JUNCTION-RADIO: VHF range will be comm soon at lat 30-38-00, long. 99-58-43. Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°, 308°; aural courses: 38°, 218°. (3-21)
KELLY FLD (SAN ANTONIO)-Acft on fld. Use rnwys only. 190' lgtd twr const W of Rnwy 14-32. (1-2)
KENDLETON BCN SITE 14, ZN-HU-Soon, will be perm discont. (12-12)
LAMESA ARPT-280' rdo twr being erected approx 3.5 mi SE (130°) true. (3-17)
LAMESA FLD-Holes in fld. (10-16)
LAREDO ARPT-Acft taxi to S hangar on main ramp for svcg. Tetrahedron unlgtd, uncontrollable. Ctc Laredo Rdo for landing information. (12-14)
LAUGHLIN FLD (DEL RIO)-Closed-emerg use only.
LONE OAK, BCN SITE 5, DL-LV-Temp discont. (9-18)
LOVE FLD (DALLAS)-Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr ceilometer projector 1000' N of twr. Acft must be equipped with rdo tuned to twr freq. Temp lgtd 73' twr 600' due N of Admin Bldg until approx Apr 21. (3-10) 520' rdo twr under const 8.7 mi SE (120°) true. (1-20)
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
MARSHALL ARPT-304' twr being erected 3 mi NW (317°) true, lgtd. (2-11)
MEACHAM FLD (FT. WORTH)-In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115°) true, temp lgtd. Grain elevator 967' MSL, 9100' N of N end N/S rnwy on extended centerline directly on lclzr course. 1000' extension being const S end N/S rnwy. Equip. in const area.

Discontinuance of approach lgt lane on N end N/S rnwy postponed. 285' twr rdo stn KCNC being erected 5 mi SE (135°) true. (3-24)
MINERAL WELLS ARPT, new-Entire fld avail. in dry weather. (1-2)
MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lgts. (3-17)
NIXON, BCN SITE 4, ZN-HU-Soon will be perm discont. (12-12)
ORANGE ARPT-Use NW/SE, E/W strips only. Fld flooded after rains. (3-17)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (3-17)
PERRIN FLD (SHERMAN)-Rnwy 3-21 closed. Acft parked S edge fld.
PILGRIM, BCN SITE 5, ZN-HU-Soon will be perm discont. (12-12)
★PLEASANTON-RADIO: FM on S course of San Antonio (Alamo) range decomm Mar 27.
**POTEET ARPT-Correct lat 29-01-45, long. 98-34-45. (3-21). See page 113.
POUNDS FLD (TYLER)-Use rnwys only, bal fld rough and unsafe. (2-21)
PYOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. (12-27)
RAYMONDVILLE INT, SITE 5, JI-FV-Rough. (3-3)
RIO GRANDE VALLEY INTERNATIONAL ARPT (BROWNSVILLE)-Rnwy 4-22 closed. Use rnwys, taxi strips only. Civil. acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. Rnwy 17L-35R closed for ngt scheduled air carrier opers due to inadequate rnwy lighting. (2-28) 180' rdo twr being erected 3 mi SSE (158°) true. (2-13)
ROBERT MUELLER ARPT (AUSTIN)-Acft landing or taking off on Rnwy 34R use right traffic pattern. Acft landing or taking off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (1-14)
ROCKPORT ARPT-Closed except in emerg. Fire and crash equip. removed. (3-17)
RUSK CO. ARPT (HENDERSON)-Use rnwys and taxi strips only. (1-30)
SALTILLO, BCN SITE 9, DL-LV-Temp discont. (9-18)
SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Stn and adhere to instructions issued by San Antonio A.T.C. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Twr.
SAN ANTONIO ARPT-ALAMO FLD-RADIO: CAA ILS flight checked Mar 14, oper normal. FLD: Acft arriving after dark rqrd to have two-way rdo. (2-27)
SAN BENITO INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)
SAN MARCOS AAF-Ctn-helicopter and liaison pilot training. (10-15)
SHEPPARD/KELL MUN. ARPT (WICHITA FALLS)-Use rnwys only. Unlgtd N/S rnwy avail. all acft days. (1-10)
SKYHAVEN ARPT (MIDLAND)-Hangar under const. (3-17)
SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Ltd transportation, no housing, messing facs. (3-21)
STAMFORD ARPT-155' twr rdo stn KDWT being erected 3 mi SSE (160°) true. (2-19)
**STEWART ARPT (TYLER)-Ctc lgts on prior req. (2-24). See page 117.
STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9, 14, 17, 22. Left traffic on all other rnwys. Traffic 800' above terrain 1367' MSL. Avail. days only. Rnwy 17-35 closed. (3-17)
T.C.U. ARPT (FORT WORTH)-Use E/W strip in wet weather. (2-21)
TERRELL, BCN SITE 6, FV-AG-Temp discont. (9-18)
TEXARKANA-Demolition operations are being conducted approx 15 mi WSW Texarkana Arpt, 0800-1615 daily except Sat and Sun. All acft cautioned to fly above 1500' over this area.
VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only. (12-30)

VIENNA, BCN SITE 10, ZN-HU-Soon will be perm discont. (12-12)
WHITE FLD (BRADY)-CLOSED. (8-7)
WOLFE CITY ARPT-Use in emerg only. (2-25)
WOODSON ARPT (TEMPLE)-On or about Apr 1, bcn, bndry, obst lgts will be discont. (3-10) Rough-use rnwys only in wet weather. (2-4)

BRYCE CANYON-RADIO: 116.1 mc transmitter and receiver, 131.7 mc receiver and 111.1 mc transmitter temp inop. (10-2)
BRYCE CANYON INT, SITE 45, LA-DV-CLOSED (soft). (3-23)
DELTA ARPT-Trans acft use rnwys, taxi strips only. (12-31)
ENTERPRISE INT, SITE 39, LA-SL-Closed to lgt acft-rough. 25' unlgtd bldg under const adj fld 90' N of SE corner. (3-13)
MILFORD ARPT, SITE 45, LA-SL-Unlgtd bldgs SE corner fld S of and adj to bcn twr. Trench across taxiway, mrkd. Bndry lgts N and W sides fld disconnected and bndry mrkrs are being removed for rnwy extensions. Dirt areas soft. (3-22)
PROVO ARPT-Entire portion of NW/SE rnwy N of the intersection and entire portion of NE/SW rnwy S of the intersection closed, mrkd. Equip. on fld. Closed ngts. (3-31)
ROBERT H. HINCKLEY FLD (OGDEN)-NE/SW rnwy lgts inop. N/S rnwy lgts oper cont during hrs of darkness when twr inop. (3-15)
SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. (1-2)
SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor. sys which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3)
SALT LAKE CITY ARPT NO. 1-Prevailing wind rnwy lgts operating ngts. Use rnwys-shoulders soft. Right traffic when winds are from S, SE or E. (12-26)
WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip area, from 0800 to 1800. See chart 23.
WENDOVER FLD-Opers inop 1700 to 0730. Fld closed 1800 to 0730 except on 24 hrs advance notice and in emerg. Obst lgts on mtns N and W of fld inop. (2-3)

BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)
BURLINGTON ARPT-Use rnwys only. (3-14)

ALBERTA ARPT-ENE/WSW strip rough. Ends, sides ENE/WSW, NNW/SSE strips mrkd by 12' yellow mrkrs. (1-14)
ALEXANDRIA ARPT-NW/SE rnwy lgtd until 1700 every ngt for 1000'. Approx 1500' of AGA reflectors extending beyond the lgts. (2-21)
ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (2-4)
BLACKSTONE ARPT-Tetrahedron oper erratic and lgts inop. (3-3)
CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)
CHILHOWIE INT, SITE 29B, NA-WA-CLOSED (snow). (2-27)
CHINCOTEAGUE NAAS-Closed 1700 to 0800 except on req with 2 hrs notice. Bcn operates all ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. IFR flight plans accepted only 0800-1630 Monday through Friday except on holidays and on 2 hrs notice Fld lighting sys under repair, unreliable. Use rnwys and taxi strips only. Soft shoulders and trenches along sides of rnwys and taxi strips. Equip. on fld Pilotless rdo-controlled acft operating days Mon through Fri. Other acft in vcnty proceed with ctn. (2-28)
DAHLGREN NAF PROVING GROUNDS-CLOSED TO ALL (including transient mil) AIRCRAFT EXCEPT THOSE ON OFFICIAL BUSINSSS OR IN EMERG. Except in emergency or on req (with twr hours notice) the fld is only open 0730-1615 Mon to Friday inclusive. Off. flights must be cleared thru one of the following: Naval Air Stns: Anacostia, D.C., Patuxent River, Md; Norfolk, Va; Quonset Point, R.I.; Cape May CGAS, N.J.; Inyokern NAF, Calif; NAF Torpedo Stn, Newport, R.I.; Naval Acft Factory, Philadelphia, Pa; Cherry Point MCAS, S.C.; Quantico MCAS, Va; AAF Proving Grounds, Eglin Fld, Valparaiso, Fla; Langley Fld, Va; Wright Fld, Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md; Lakehurst NAS, N.J. (3-10)
DANVILLE ARPT-Use rnwys, taxi strips only, bal fld soft, rough. Only Rnwy 2-20 lgtd ngts. Tetrahedron free swinging. (1-11)
EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-20)
FENTRESS NAAS-Use in emerg only (caretaker status-no facs). (2-19)
GORDONSVILLE INT, SITE 51, NA-WA-Soft in wet weather. All types acft use ctn during winter months. (1-17)
HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (1-10)
HOPEWELL ARPT-NE/SW and NW/SE strips under const. (3-21)
LANGLEY FLD-RADIO: N course of Army range swinging 5° W, bear. 167°. (1-15) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. (1-14)
LOVING FLD, SITE 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. Soft during thawing weather. (3-13)
MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status-no facs).(2-19)
MT. VERNON-See Special Notice under District of Columbia.
NORFOLK-RADIO: VHF range comm FOR TEST PURPOSES ONLY. Ltd at lat 36-48-18, long. 76-12-06. Ident. "NW". Freq. 108.7 mcs. Visual courses: 20°, 15', 200° 15'. Aural courses: 107° 15', 287° 15'. Class: VARW. Aligned by ground check only. (3-7)
NORFOLK NAS-EAST FLD-Pilots on Southbound coastal flights inbound IFR between 0700-2400 to NAS Norfolk shall establish radio contact with Navy Chincoteague Radio for further clearance instructions from ATC Norfolk. Pilots on Northbound coastal flights inbound IFR between 0700-1900 to NAS Norfolk shall establish contact with Navy Weeksville Radio for further clearance instructions from ATC Norfolk. Pilots on either Southbound or Northbound coastal flights inbound IFR to NAS Norfolk at other than the above stated hours contact Norfolk Radio or Navy Norfolk Tower earliest possible for further clearance instructions. (3-18)
OCEANA NAAS-Facs avail. 0800 to 1630 Mon thru Fri. Acft clearances not accepted 1630 to 0800 Mon thru Fri. Fld facs avail. on week-ends and from 1630 to 0800 Mon thru Fri for emerg opers only upon prior notification. (3-12)
ORANGE CO. ARPT-Strips muddy in wet weather. (12-29)
PENINSULA ARPT (HAMPTON)-Right traffic pattern. (1-24)
PETERSBURG ARPT-Avail. emerg landings only. (1-20)
PRESTON GLENN ARPT (LYNCHBURG)-Use rnwys only during and after wet weather. Two poles 4200' E of E/W rnwy. (2-7)
QUANTICO MCAS-Closed sunset to sunrise except in emerg. (11-14)
**RADFORD ARPT-New fld. Lat 37-07-00, long. 80-34-45. (2-25). See page 109.
RICHMOND-Elko Aux Fld, 5 mi E of Richmond AAB is similar in design and layout to the Richmond AAB, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse the two flds.
RICHMOND AAB-RADIO: CAA ILS lclzr temp inop. (4-1). These data rcvd too late for ⓘ symbol. FLD: Ltd Army svcg facs. Avoid using 1000' rnwy extensions, Rnwy, taxiway shoulders soft. Acft landing this fld without establishing rdo commun with twr watch carefully for lgt gun signals-twr lctd in center of triangle of rnwys. (2-18)
ROANOKE-RADIO: Following adjustments, courses may have shifted.
SHENANDOAH ARPT-N/S strip under const. Grading equip. on fld. Soft in wet weather. NE/SW strip mrkd by cone mrkrs. (3-15)
UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (3-17)
VALLEY ARPT (WAYNESBORO)-Ctn when wet. (3-17)

WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Radio or circle fld before landing. (3-7)
WOODRUM FLD (ROANOKE)-Ext. local traffic days. Acft landing without establishing rdo commun with twr must conform to local traffic patterns. Observe twr at all times for lgt gun signals especially on base leg and final approach. Clear rnwy immediately after landing. Mil acft utilizing VHF freq should listen for control twr instructions or observe lgt signals from twr in response to their transmissions. All acft departing should determine proper rnwy and taxi route from twr or operations prior to taxiing. (2-28)

SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart #3, Spokane Sectional, and Washington 5 Danger Area Charts).
ARLINGTON NAAS-Unmrkd cable span being erected 11 mi E 78° true. Cable will run N/S between lat 48-13, long. 121-55 on Wheeler Mtn, and lat 48-11-30, long. 121-55-00 on Blue Mtn. Cable anchorage levels at approx 2800' on both Mtns and will be approx 1000' above valley floor. Vertical down-hall will be attached at mid-span terminating at the ground in Jim Creek Valley. (3-12)
Use in emerg only (caretaker status-no facs)
BARRY'S SKYHARBOR ARPT (TACOMA)-Right traffic, W take-offs and landings. (3-17)
BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt. (2-3)
BOEING FLD (SEATTLE)-Daylgt CFR opers-lgt non-rdo equipped acft use mrkd dirt landing strip E side adj to main rnwy. Traffic patterns made to E at 1000'. Right traffic when taking off to NE. Flash. amber lgt on twr indicates right pattern in relation to dirt landing strip. All turns, taxiing off or back on dirt area made toward twr. Acft using dirt strip avoid flying over main rnwy or approaches. Watch for air and ground traffic. Lgt gun signals for take-offs and final approaches only. Heavy acft use rnwys, taxi strips. Equip. on fld. All unscheduled acft landing at Boeing Fld must register with County Fld Office, excepting only those who have made other arrangements with fld management. Equip. S of Admin Bldg loading ramp, avoid flagged area. (3-18)
BUENA ARPT-Right traffic E take-offs and landings. (3-17)
CLE ELUM ARPT-Right traffic E takeoffs and landings. (3-17)
COLVILLE ARPT-NW/SE strip closed. (11-16)
COUNTY-CITY ARPT (PORT TOWNSEND)-Right traffic E takeoffs and landings. (3-17)
COUPEVILLE OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. (3-20)
EASTON INT, SITE 5B, SA-HL-CLOSED (soft). (3-20)
ELLENSBURG-RADIO: Flight-checked Mar 28, courses correctly aligned.
EPHRATA-RADIO: Flight-checked Mar 27, courses correctly aligned.
EPHRATA ARPT-Cattle rmvd. (3-29). These data rcvd too late to delete ⓪ symbol.
FAIRWEATHER FLD (REPUBLIC)-Avail. lgt ski-equipped acft only. (12-31)
FELTS FLD (SPOKANE)-Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy mrkd. Equip. on fld. (2-7)
KENMORE ARPT (BOTHELL)-Avail. emerg use only-cattle. (9-10)
**KING CO. ARPT-BOEING FLD (SEATTLE)-Name changed to Boeing Fld. (3-18). See page 142.
LONGVIEW SKYHARBOR SEAPLANE ANCHORAGE-Right traffic S take-offs and landings. (3-17)
MARTIN FLD (COLLEGE PLACE)-Const, equip. on strips. Strip 2500 x 150' cleared and flagged center of fld for landing. (1-2)
★McCHORD FLD (TACOMA)-RADIO: Air/gnd stn now transmits on and guards 8280 kcs CW in addition to freqs previously published. (3-28). Army HF DF stn inop. (3-20) Army ILS (CAA type) temp inop. Middle mrkr to be relctd and present equip. will be modified. (3-13) FLD. Use rnwys, taxiways only. Equip. on fld. (12-11)
**MERCER AIRFLD (BELLEVUE)-Will hereafter be carried under Seattle. Lctn 9.5 mi E. (3-19). See page 182.
MERCER ARPT (SEATTLE)-Right traffic when landing to S. (3-19)
MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. Bcn inop. (3-20)
OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn local and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl and turned off upon arvl and landing of acft. (12-7)
PAINE FLD (EVERETT)-Ngt lighting immediately avail. to rdo equipped acft by contacting Everett Rdo. Closed to all other acft between sunset and sunrise except by arrangement with arpt manager or CAA Commun Stn. (2-5)
PASCO-See Special Notice (first item under state heading).
PASCO NAS-Use in emerg only (caretaker status-no facs).
PIERSON ARPK (VANCOUVER)-Const. Use North E/W strip only. (3-17)
PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only. (11-26)
PUYALLUP ARPT-Right traffic N takeoffs and landings. (3-17)
RICHLAND AIR BASE-NW/SE strip under const. (8-19)
ROSALIA MUN. ARPT-Weeds and grass rmvd. These data rcvd too late to delete ⓪ symbol.
S & S AIRSTRIP (PUYALLUP)-Right traffic S take-offs and landings. (3-17)
SAVAGE FLD (CHENEY)-Moderate soil erosion intermittently. (9-14)
SEATTLE NAS-Single-engine acft approach stn from Kirkland at 1000' alts. Seaplane landing approach over Lake Washington from N or S under 200'. Rnwy 14-32 lgtd 30 minutes prior to arvls and take-offs and on req from sunset to sunrise. Tetrahedron lgtd sunset to sunrise. Three lgtd 30' poles 150' E of Rnwy 14-32 near GCA unit. (1-29)
SEATTLE-TACOMA ARPT-RADIO: Soop, bndry and outer mrkrs of CAA ILS will be discont, and outer mrkr will be relctd about Apr 10, 4-1/2 mi S of S end of N/S rnwy. Middle mrkr will be installed 3444' S of S end N/S rnwy, keying alternate dots and dashes. Glide path will be installed on 335 mcs, to be lctd 1150' N of S end of N/S rnwy and 400' W of centerline. Lclzr continues to operate on 110.3 mcs. Prior to and during const period signals may at times be spurious and are not to be relied upon for any purpose. (2-14)
FLD: Equip. on fld days. Const approx 20' N of N end NW/SE rnwy. Glide path bldg and antenna mast being erected 400' W of N/S rnwy and 1150' from the S end thereof. Taxiway #1 from intersection to S end closed. (2-19)
SPRAGUE ARPT-Use N side and 1050' W end of strip, bal rocky and soft. Cattle on fld. (9-14)
SULLIVAN LAKE ARPT (METALINE FALLS)-2' grass and weeds. (7-1)
SUNNYSIDE ARPT-Right traffic, S take-offs and landings. (3-17)
TOLEDO-WINLOCK INT, SITE 63B, SF-SA-Use strips only-sodded portions soft. (11-18)
TONASKET ARPT-Right traffic S or SW take-offs and landings. (3-17)
WALLA WALLA AAF-No opers office. Equip. on fld days Mon thru Fri. (3-24)
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
WHIDBEY ISLAND NAS-AULT FLD-Bcn operates during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. (3-18)
WILBUR ARPT-Center 200' strip avail. Equip. on fld. All taxiing on fld is on the left side of strip. (12-13)
★YAKIMA-RADIO: Adtnl VHF voice fac avail. at commun stn on 111.1 mcs. (3-26)
YAKIMA CO. ARPT-Equip. removed from fld. (4-1). These data rcvd too late to delete ⓪ symbol.

[redacted]

TRINIDAD-CARLSEN FLD-Edinburgh (North)-Rnwy closed to all Navy traffic except in emerg. Use Xeres (South) rnwy.

[redacted]

**AERO SEAPLANE BASE (HUNTINGTON)-New base. Lat 38-26-00, long 82-22-45. (2-17) See page 145

BOLLINGER FLD (CHARLESTON)-Obst lgts on 240' twr rdo stn WENA 5 mi N (360°) true inop. (2-13)

ELKINS ARPT-Ctc Elkins Rdo or circle fld before landing. (3-14)

LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (1-6)

SCOTT FLD (BECKLEY)-Use right traffic on N course. (12-31)

**WOOD COUNTY ARPT (PARKERSBURG)-Lgts in emerg. only, by circling city and flash. lgts. (2-26) See page 72

[redacted]

ANTIGO ARPT-Use with ctn during thawing weather. (3-11)

BOYCEVILLE ARPT-Fld soft in wet weather. (2-17)

CHAPLIN'S ARPK (PLYMOUTH)-Only E/W strip avail. (3-12)

CLINTONVILLE ARPT-Use plowed strips only. (1-8)

CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (9-26)

EAU CLAIR MUN. ARPT-Use rnwys only. Shoulders rough and soft pending completion of grading opers in spring 1947. (11-18)

GENERAL MITCHELL FLD (MILWAUKEE)-Equip. on fld days. Right turn procedure rstd to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi. E taxiway closed. Obst lgt atop 95' chimney SW corner fld inop. (12-30)

GINNOW ARPT (OMRO)-Use strips only. (1-6)

LA CROSSE ARPT-Use rnwys only. (3-24)

LA CROSSE INT, SITE 23A, CG-TWIN CITIES-Area N of red flags closed. Soft. (3-25)

MERRILL ARPT-Closed to heavy acft, soft. Lgt planes use at own risk. Use rnwys only. (3-23)

MOREY ARPT (MADISON)-Use strips only. (1-8)

PLATTE ARPT (PLATTEVILLE)-CLOSED (const.). (3-20)

RICHLAND CENTER ARPT-Wheel-equipped acft use ctn. (1-2)

SHAWANO ARPT-Fld soft, land at own risk. (3-13)

SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (1-3)

SOLON SPRINGS ARPT-Const-unusable. (10-29)

STEVENS POINT ARPT-Use rnwys only. (1-20)

TOMAH ARPT-N/S strip under const. (2-24)

TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Flood lgts and svcg not avail. sunset Thurs. until 0700 Fri of each week. (3-21)

**VETERANS ARPT (MENOMONIE)-ABANDONED (3-18) See page 13

WAUKESHA CO. ARPT-Acft-turn left after landing and taxi on right side of strip. Soft until approx Apr 15- trans acft land at own risk. (3-11)

WINNEBAGO CO. ARPT (OSHKOSH)-Use rnwys only. All traffic left hand, 600' except E and NE which is right traffic 600'. (3-25)

[redacted]

ARCHER-RADIO: FM on E course of Cheyenne range will be decomm soon.

BUFFALO INT, SITE 27, CX-GT-CLOSED (snow) (2-26)

CASPER AAF-No opers office. Rnwy lgts Rnwy 24 inop. (3-24)

CHEYENNE ARPT-RADIO: CAA ILS will be comm soon. Voice equipped lclzr on 110.3 mcs. Ident. "CX". Lctd 457' W of the W end of the E/W rnwy. Mag. heading for landing: 262°. Glide path on 335 mcs, lctd 982' W of approach end and 400' S of center line of E/W rnwy. Middle mrkr lctd 3461' E from approach end E/W rnwy, keyed alt dots and dashes. Outer mrkr 32,274' E from approach end of E/W rnwy, keyed two dashes. Middle compass lctr on 230 kcs. Ident "X". Outer compass lctr on 260 kcs, ident. "C". (3-18) FLD: Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (1-1)

EVANSTON ARPT-new-Equip. on fld days. (3-29)

FORT BRIDGER INT, SITE 9, SL-OH-Hazardous heavy acft when thawing.(3-29) These data rcvd too late for (O) symbol.

JACKSON MUN. ARPT-Cattle on fld intmtly. (6-20)

KEMMERER INT, SITE B17, BX-RT-Unsafe lgt acft. Muddy daylgt hrs. (3-18)

SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equi p. on fld intermittently. Ctc Sheridan rdo for fld lgts. (2-6)

SUSSEX INT, SITE 22A, CX-GT-Entire fld avail. These data rcvd too late to delete (R) symbol.

WARDWELL FLD (CASPER)-Use rnwys, taxi strips only, bal fld rough. 30 million candle pwr ceilometer projector 1000' N of bcn. (3-18)

U. S. Coast and Geodetic Survey Dates of Latest Prints

Dates in small type indicate minor changes which are not of sufficient importance to make the previous print obsolete. All charts carrying dates older than those shown in large type on this list are obsolete for use in flight.

SECTIONAL

Aberdeen	Dec. 11, 1945	Nov. 25, 1946	El Paso	July 25, 1946	Jan. 17, 1947	Norfolk	Oct. 23, 1946	
Albany	Jan. 7, 1947		Fargo	May 29, 1946	Nov. 21, 1946	Oklahoma City	Sept. 23, 1946	
Albuquerque	Sept. 9, 1946		Glacier Park	Oct. 30, 1946		Orlando	Feb. 13, 1947	
Aroostook	Dec. 31, 1946		Grand Canyon	Feb. 19, 1946	Sept. 16, 1946	Phoenix	Aug. 21, 1946	
Austin	Jan. 28, 1947		Grand Junction	Feb. 19, 1946	Sept. 13, 1946	Pocatello	Nov. 3, 1946	
Beaumont	Jan. 28, 1947		Green Bay	June 12, 1946	Dec. 9, 1946	Portland	Oct. 25, 1946	
Bellingham	Oct. 22, 1946		Huntington	Oct. 9, 1946		Prescott	Mar. 5, 1946	Sept. 3, 1946
Birmingham	Oct. 2, 1946		Jacksonville	Feb. 7, 1947		Rapid City	Nov. 13, 1946	
Boise	Apr. 30, 1946	Oct. 25, 1946	Kansas City	Sept. 27, 1946		Reno	May 17, 1945	Aug. 26, 1946
Boston	Jan. 14, 1947		Klamath Falls	Nov. 7, 1946		Roswell	Sept. 16, 1946	
Burlington	Dec. 31, 1946		Kootenai	Oct. 28, 1946		Sacramento	Feb. 16, 1947	
Butte	May 15, 1946	Nov. 6, 1946	La Grande	Oct. 25, 1946		Salina	Sept. 26, 1946	
Casper	Nov. 7, 1946		Lake Huron	Dec. 30, 1946		Salt Lake City	Nov. 7, 1946	
Charlotte	Oct. 25, 1946		Lake Superior	June 13, 1946	Dec. 3, 1946	San Antonio	Jan. 28, 1947	
Chattanooga	Oct. 25, 1946		Lake of Woods	May 24, 1946	Nov. 19, 1946	San Diego	Feb. 26, 1947	
Cheyenne	Nov. 21, 1946		Lewiston	Jan. 8, 1947		San Francisco	Feb. 21, 1947	
Chicago	Dec. 24, 1946		Lincoln	Dec. 3, 1946		Savannah	Oct. 25, 1946	
Cincinnati	Oct. 25, 1946		Little Rock	Sept. 27, 1946		Seattle	Oct. 23, 1946	
Cleveland	Jan. 7, 1947		Los Angeles	Feb. 25, 1947		Shreveport	Sept. 16, 1946	
Corpus Christi	Feb. 4, 1947		Miami	Feb. 24, 1947		Sioux City	May 31, 1946	Nov. 22, 1946
Dallas	Sept. 23, 1946		Miles City	May 13, 1946	Nov. 12, 1946	Spokane	Oct. 23, 1946	
Del Rio	Jan. 22, 1946	Jan. 28, 1947	Milwaukee	Dec. 31, 1946		Trinidad	Sept. 16, 1946	
Denver	Sept. 17, 1946		Minot	June 6, 1946	Nov. 19, 1946	Tulsa	Sept. 27, 1946	
Des Moines	Dec. 13, 1946		Mobile	Feb. 3, 1947		Twin Cities	May 31, 1946	Dec. 6, 1946
Detroit	Dec. 31, 1946		Mt. Shasta	Oct. 25, 1946		Washington, D.C.	Oct. 22, 1946	
Douglas	Jan. 14, 1947		Mt. Whitney	Aug. 27, 1946		Wichita	Mar. 5, 1946	Sept. 16, 1946
Dubuque	Oct. 2, 1945	Dec. 12, 1946	Nashville	Oct. 13, 1946		Williston	Nov. 1, 1946	
Duluth	Jan. 8, 1946	Nov. 28, 1946	New Orleans	Jan. 29, 1947		Winston-Salem	Oct. 2, 1946	
Elko	Nov. 1, 1946		New York	Jan. 9, 1947		Yellowstone Park	Nov. 1, 1946	

WORLD AERONAUTICAL - UNITED STATES

WAC 215	Oct. 19, 1946	WAC 266	Dec. 2, 1946	WAC 309	Jan. 10, 1947	WAC 364	Aug. 11, 1946	WAC 467	Feb. 4, 1947
WAC 216	Oct. 21, 1946	WAC 267	Nov. 22, 1946	WAC 310	Jan. 14, 1947	WAC 404	Aug. 26, 1946	WAC 468	Feb. 3, 1947
WAC 217	Nov. 1, 1946	WAC 268	Nov. 1, 1946	WAC 357	Oct. 13, 1946	WAC 405	Aug. 28, 1946	WAC 469	Jan. 22, 1947
WAC 218	Nov. 12, 1946	WAC 269	Oct. 28, 1946	WAC 358	Oct. 2, 1946	WAC 406	Sept. 13, 1946	WAC 470	Jan. 20, 1947
WAC 219	Nov. 12, 1946	WAC 304	Oct. 29, 1946	WAC 359	Oct. 2, 1946	WAC 407	Sept. 23, 1946	WAC 471	Jan. 15, 1947
WAC 262	Dec. 19, 1946	WAC 305	Nov. 12, 1946	WAC 360	Sept. 23, 1946	WAC 408	Oct. 3, 1946	WAC 522	Jan. 30, 1947
WAC 263	Dec. 19, 1946	WAC 306	Dec. 2, 1946	WAC 361	Sept. 11, 1946	WAC 409	Oct. 8, 1946	WAC 525	Feb. 13, 1947
WAC 264	Dec. 18, 1946	WAC 307	Dec. 4, 1946	WAC 362	Aug. 29, 1946	WAC 410	Oct. 13, 1946		
WAC 265	Dec. 5, 1946	WAC 308	Dec. 12, 1946	WAC 363	Aug. 11, 1946	WAC 466	Feb. 11, 1947		

RADIO DIRECTION FINDING

1-DF	Sept., 1946	21-DF	Jan. 3, 1947	24-DF	Nov. 21, 1946
2-DF	Sept., 1946	22-DF	Jan. 15, 1947	25-DF	Oct. 6, 1946
3-DF	Jan., 1947	23-DF	Sept. 6, 1946	26-DF	Oct. 30, 1946

LOCAL

Brownsville	Jan. 29, 1947	New York & Vicinity	Aug. 6, 1946
Los Angeles	Sept. 13, 1946	San Diego	Aug. 20, 1946
Miami	July 3, 1946	Seattle	Nov. 28, 1946
		Washington	Nov. 7, 1946

WORLD AERONAUTICAL - ALASKA

WAC 62	Feb. 1946	Nov. 1946	WAC 77	Mar. 1946	WAC 119	Jan. 1946	WAC 138	Jan. 1947	
WAC 63	Jan. 1947		WAC 78	Mar. 1946	WAC 135	Nov. 1946	WAC 139	Mar. 1946	Dec. 1946
WAC 64	Mar. 1946	Dec. 1946	WAC 117	Aug. 1946	WAC 136	Jan. 1947	WAC 186	Mar. 1946	Dec. 1946
WAC 76	May 1946		WAC 118	July 1946	WAC 137	Mar. 1946	WAC 190	Apr. 1946	

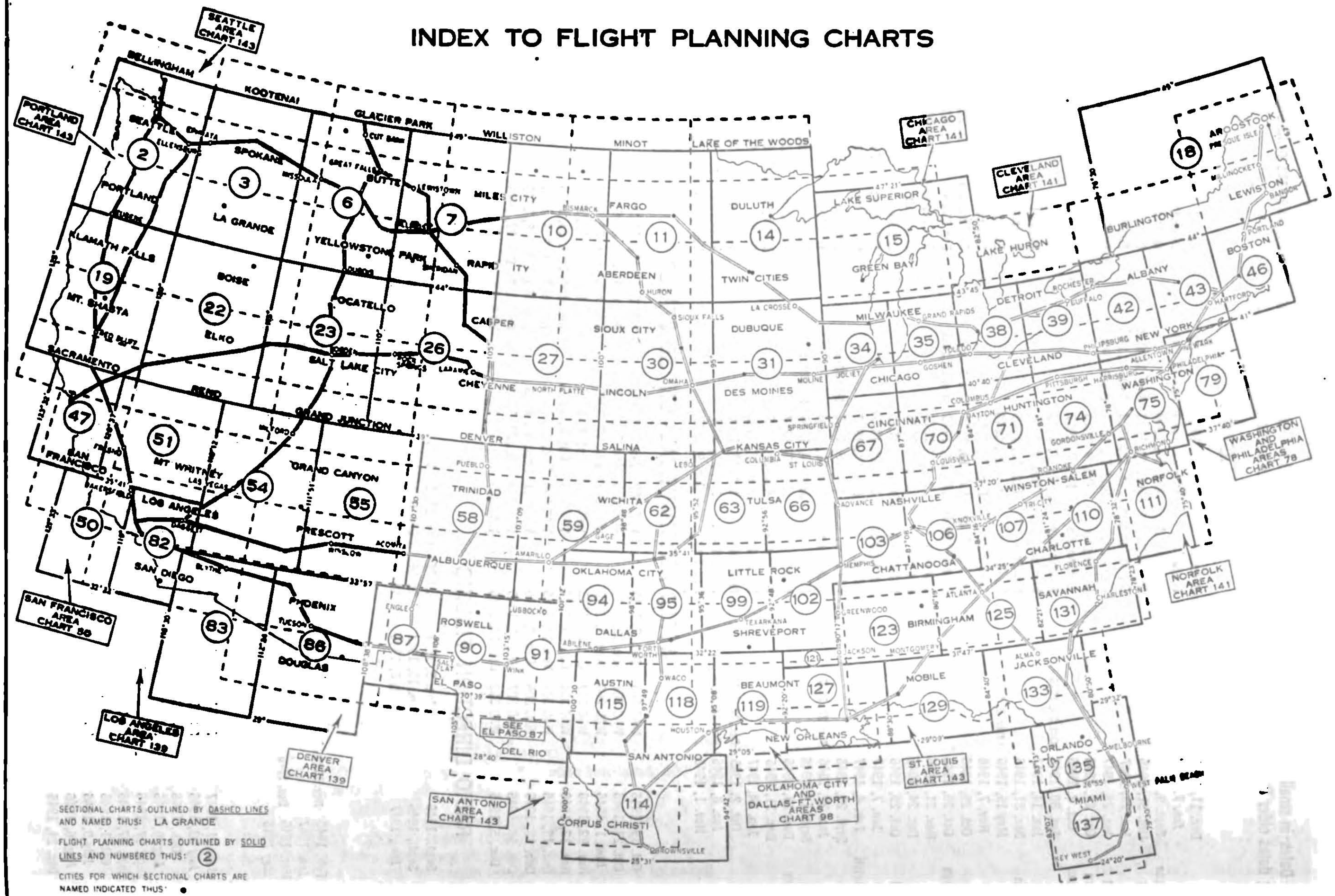
FLIGHT

FC 3	Jan. 21, 1947	FC 14	Feb., 1945	FC 178	Nov. 13, 1946	FC 214	Jan. 5, 1947	FC 225	Dec. 19, 1946
FC 4	July 23, 1946	FC 15	Oct. 1, 1946	FC 181	July 11, 1946	FC 216	Oct. 26, 1946	FC 226	Dec. 12, 1946
FC 6	Oct., 1946	FC 16	Dec. 24, 1946	FC 182	Aug. 6, 1946	FC 217	Sept. 13, 1946	FC 227	Dec. 30, 1946
FC 7	Aug. 6, 1946	FC 42	Nov. 19, 1946	FC 183	Nov. 7, 1946	FC 218	Oct. 14, 1946	FC 228	Jan. 14, 1947
FC 8	Sept. 17, 1946	FC 43	May 31, 1946	FC 184	Oct. 12, 1946	FC 219	Sept. 6, 1946	FC 229	Jan. 17, 1947
FC 9	Sept. 17, 1946	FC 173	Nov. 25, 1946	FC 185	Nov. 12, 1946	FC 220	Sept. 11, 1946	FC 230	July 30, 1946
FC 10	Oct. 1, 1946	FC 174	Dec. 2, 1946	FC 186	Aug. 17, 1946	FC 221	Nov. 14, 1946	FC 231	Jan. 14, 1947
FC 11	July 9, 1946	FC 175	Jan. 8, 1947	FC 187	May 31, 1946	FC 222	Dec. 2, 1946	FC 232	Sept. 10, 1946
FC 12	Aug. 6, 1946	FC 176	Sept. 30, 1946	FC 188	Aug. 19, 1946	FC 223	Nov. 21, 1946	FC 233	Sept. 24, 1946
FC 13	Dec. 24, 1946	FC 177	Jan. 13, 1947	FC 213	Aug. 19, 1946	FC 224	Dec. 8, 1946	FC 234	Dec. 2, 1946

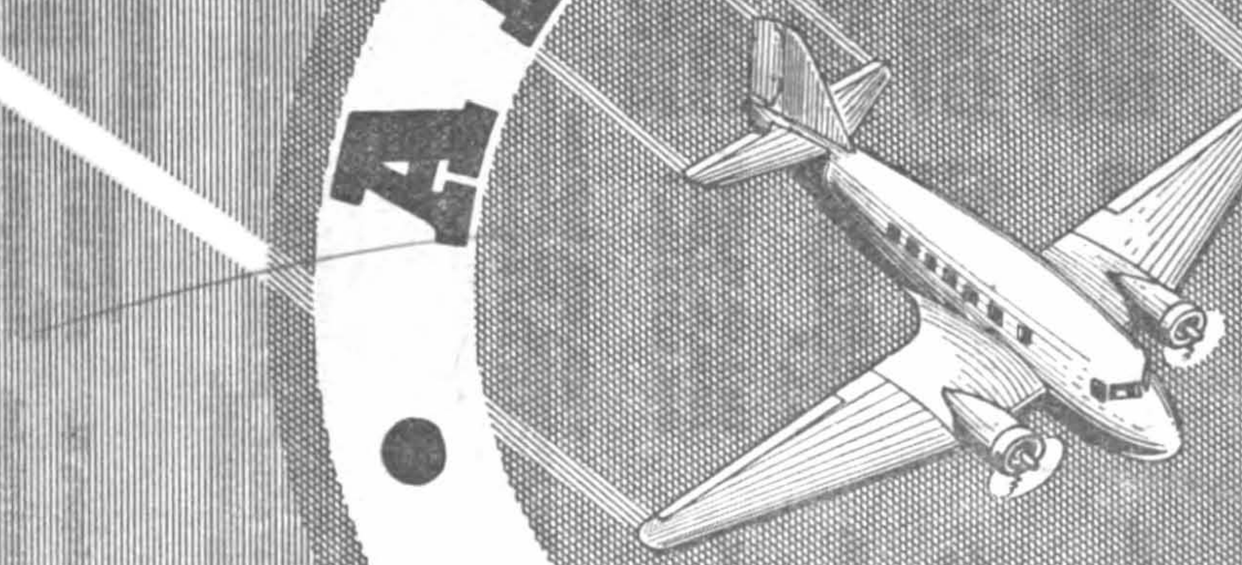
PLANNING

3060b	Nov. 1, 1945	3069a	July 9, 1946

INDEX TO FLIGHT PLANNING CHARTS



AIRMAN'S GUIDE



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NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 2, NO. 2 . . . . APRIL 15, 1947

This issue includes all data on record as of 0001 E.S.T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

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GCA AVAILABLE: How and Where

APRIL 15, 1947

GROUND CONTROLLED APPROACH (GCA) AVAILABLE TO CIVIL PILOTS AS W WELL AS ARMY AND NAVY: All GCA facilities (Army, Navy, or CAA) are available to any plane in emergency. To secure GCA assistance pilots should call the associated control tower for instructions.

In addition to the working frequencies listed below, Army and Navy GCA emergency VHF transmissions are made on 140.58 mcs. Simplex service on 3117.5 kcs. will be provided at all Army and Navy installations to provide an alternate means of communications for scheduled air carrier aircraft. Army and Navy towers will relay GCA instructions on 200-400 kcs. band to civil aircraft not equipped to receive VHF or HF.

A minimum of 30 minutes will generally be required to assemble a GCA crew and prepare the equipment for operation AFTER an alert has been received at those locations not providing continuous service.

NAVY GROUND CONTROLLED APPROACH (GCA): Universal frequencies allocated primarily for Navy GCA operational use are as follows:

HF COMMUNICATIONS	VHF COMMUNICATIONS
3475, 4890, 6640 kcs.	134.64, 142.02, 143.64 mcs.

As a safety precaution Navy GCA units will also be prepared at all times to control both AAF and Navy aircraft on 140.58 mcs., emergency frequency.

In addition to the standard frequencies listed in above paragraph the Navy GCA is prepared to transmit on HF from 2000 to 18100 kcs and receive on 1500 to 9050 kcs. to aid any plane in emergency.

Navy GCA is available to aid any plane in emergency It is the responsibility of the pilot desiring GCA assistance to establish communication with the appropriate control tower for preliminary approach instruction. The pilot will then be instructed as to the proper frequency for contacting the GCA unit. If the pilot is unable to transmit or receive on the standard GCA frequencies, arrangements can be made through the control tower for the GCA unit to shift to frequencies the plane can use, in the HF or VHF bands listed above.

Navy GCA Operational Units are listed as follows:

PLACE	WEATHER MINIMUMS CEILING	WEATHER MINIMUMS VISIBILITY	OPERATING HOURS
Charlestown NAAS, R.I.	200'	1/4 mi.	30-minute notice
Corpus Christi NAS, Tex.	100'	1/2 mi.	30-minute notice
Jacksonville NAS (Lee Fld),Fla.	200'	1/2 mi.	45-minute notice
Miramar MCAS, Calif.	200'	3/4 mi.	30-minute notice
Moffett Fld NAS, Calif.	- -	- -	Continuous
New York NAS (Floyd Bennett),N.Y.	100'	1/4 mi.	30-minute notice
Norfolk NAS, Va.	200'	1/2 mi.	30-minute notice
Oakland NAS, Calif.	100'	1/4 mi.	30-minute notice
Olathe NAS, Kans.	100'	1/4 mi.	30-minute notice
Patuxent River NAS, Md.	100'	1/4 mi.	Continuous
Saufley Fld NAAS, Fla.	- -	- -	30-minute notice
Seattle NAS, Wash.	100'	1/2 mi.	30-minute notice
Squantum NAS, Mass.	200'	1/2 mi.	30-minute notice
Whidbey Island NAS, Wash.	100'	1/4 mi.	30-minute notice

ARMY GROUND CONTROLLED APPROACH (GCA): (a) CONTACT: Pilots requiring GCA assistance should call the associated control tower requesting instructions for working GCA. Example: "Andrews Tower, this is Army 5555, request GCA" (b) TOWER INSTRUCTIONS: Control towers will ascertain frequencies available to both pilot and GCA, advise the pilot and establish contact with the GCA unit Example: "Army 5555, this is Andrews Tower, do you have channel G, over" "Andrews Tower, this is Army 5555, channel G available, over" "Army 5555, this is Andrews Tower, establish contact with GCA on channel G, out" "Andrews GCA, this is Army 5555,over" "Army 5555, this is Andrews GCA, your position is now etc " (c) EMERGENCY: When receiver and transmitter difficulties exist, the tower may relay Ground Controlled Approach instructions to the pilot. However, from a safety standpoint the procedure should be used as an emergency contingent only (d) ALERTING GCA. After being inoperative, GCA units require approximately 20 to 30 minutes for warming up Pilots should anticipate requirement for GCA in flight planning and request alerting of GCA units as far in advance as possible.

ARMY GCA FACILITIES

STATION	FREQUENCIES Transmitting	FREQUENCIES Receiving	REMARKS
Fairfield Suisun AAF, Calif.	126.18,128.18,131.40, 137.88,134.10,137.70, 140.58 mcs. *	272 kcs.or any freq. between 1500-18,000 kcs. on req.	Cont.during IFR;0900-2100 Mon.-Fri.;30 min. call at all other times
Barksdale Fld, La.	126.18,137.88,140.58, 137.70,134.1,116.1 mcs. *	126.18,137.88,140.58, 137.7,134.1,116.1 mc. 4495, 6210 kcs.	0800-1700 Mon-Fri.; immediately on call during IFR;40 min.call at all other times.
Westover Fld, Mass.	137.88,140.58 mcs.	137.88,140.58 mcs. 3117.5 kcs.	Cont.when ceiling is 3000' or less and /or visibility is 3 mi.or less & 1 hr.req. all other times.
Andrews Fld, Md.	116.1,126.18,134.1, 137.7,137.88,140.58 mcs. *	116.1,126.18,134.1, 137.7,137.88,140.58 mcs.;4495,3105,6210 kcs.	Cont.during IFR 0800-1700 daily and on 30 min. req. 1700-0800 CFR.
Clinton Co. AAF, Ohio	116.1,137.7,126.18, 137.88,140.58,134.1 mcs.; 3117.5 kcs. *	116.1,137.7,126.18, 137.88,140.58,134.1 mcs.; 1500-18000 kc.	Cont.during IFR;0800-2200 daily or on 30 min.req.all other times.
Langley Fld, Va.	116.1,126.18,137.88, 140.58,134.1,137.7 mcs. *	116.1,126.18,137.88, 140.58,134.1,137.7 mcs.;3105,4495,6210 kcs.	Training and emergency only.
Mitchel Fld, N.Y.	116.1,126.18,137.88, 140.58,134.1,137.7 mcs. 3117.5 kcs. *	116.1,126.18,137.88, 140.58,134.1,137.7 mcs.;3105,4495,4765 3117.5 kcs.	Cont.during IFR,GCA, 500' practices 0900-1130 and 1300-1630 during CFR,or on req.during CFR within 40 minutes.

* 3475, 4890, 6640 kcs.

N.B. Weather Minimums: For clearance purposes minimums established in TO-08-15-3 or AAF Regulations 60-16 apply.

C.A.A. GROUND CONTROLLED APPROACH (GCA): The C.A.A. has control tower-operated GCA units at Washington National Airport, Chicago Airport, and Indianapolis Airport. The La Guardia Field unit will be commissioned in the immediate future. The C.A.A. installations, however, are operating on a service test or experimental basis only, and for operator training, and can be used only for practice approaches and landings until further notice. No emergency landing service is available until these units are officially commissioned.

STATION	FREQUENCIES Transmitting	FREQUENCIES Receiving	REMARKS
Chicago Airport; Ill.	350 kc,109.5,126.18 mc.	3105,4495,6210, 3117.5 kc 126.18,118.1,118.7,122.5 mc	Cont.
Indianapolis Arpt.,Ind.	212 kcs.;126.18 mc		8 a.m.-4 p.m. Mon.-thru Fri.
LaGuardia Fld, N.Y.	(Not yet comm.)		
Washington National Airport, D. C.			Cont.

N.B. Pilots desirous of making practice GCA approaches should make their own arrangements with the tower concerned.

AIR NAVIGATION RADIO AIDS

LEGEND

(3) - Station guards 3105, 4495, 6210 kcs
(4) - Station guards 3105, 4495, 6210, 3117.5 kcs.
(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis
→ - New or revised data*

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C.....Control Tower, CAA
CA.....Control Tower, Army
CI.....Control Tower (City,County,Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMK.....Compass locator station when combined with fan marker
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System (voice on localizer channel)
IM.....VHF boundary marker
K.....Independent compass locator station
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts
MM.....VHF middle marker
MMK.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators), power more than 50 less than 150 watts
MRL.....Range (loop radiators), power more than 50 less than 150 watts
OM.....VHF outer marker
OMK.....Compass locator when installed at outer marker site or within
P.....Point to point radio 5.5 miles of middle marker
RA.....Range (adcock, vertical radiators), power 150 watts or more.
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TX.....Principal teletype
V.....Additional voice feature on VHF
VAR.....Visual-aural VHF range (every VAR has simultaneous
W.....Without voice facilities voice feature
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •–	E-EASY •	I-ITEM ••	M-MIKE ––	Q-QUEEN ––•–	U-UNCLE ••–	Y-YOKE –•––
B-BAKER –•••	F-FOX ••–•	J-JIG •–––	N-NAN –•	R-ROGER •–•	V-VICTOR •••–	Z-ZEBRA ––••
C-CHARLIE –•–•	G-GEORGE ––•	K-KING –•–	O-OBOE –––	S-SUGAR •••	W-WILLIAM •––	
D-DOG –••	H-HOW ••••	L-LOVE •–••	P-PETER •––•	T-TARE –	X-XRAY –••–	

1 •–––– 3 •••–– 5 ••••• 7 ––••• 9 ––––•
2 ••––– 4 ••••– 6 –•••• 8 –––•• 0 –––––

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered non-directional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency, and generally, VHF of 116.1 and/or 111.1 mcs. 116.1 mcs. is used for transmission to Army aircraft, 111.1 mcs. to civil aircraft.

The classification designation "B" denotes that the station broadcasts airway and meteorological information on a scheduled basis at 15 and 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, see *FLIGHT INFORMATION MANUAL*

AIRPORT DATA
LEGEND

NAME

(When city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A) Airport name (A) - Owned or leased totally by Army
(N) " (N) - " Navy
(CG) " (CG) - " Coast Guard
(NG) " (NG) - " National Guard
(A) " - Open to civilians but owned or leased wholly or in part by Army, Air Reserve, Army sveg. detachment, or contract gas usually available
(N) " - Open to civilians but owned or leased wholly or in part by Navy
(CG) " - " " Coast Guard
(NG) " - " " National Guard
(P) " - Civil airport opened to military aircraft
★ " - CAA Intermediate Field (See Note 3).

CLASS
SIZE

40: Length of longest landing strip (unpaved) in hundreds of feet
40h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl").

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1: Voice availability via tower, range (or homing device), or voice station
R2: Range (or homing device) and tower
R3: Range (or homing device), tower, and instrument landing system

LIGHTS

L: Incomplete lighting, either flood or portable runway lights
L1: Beacon only
L2: Beacon and boundary
L3: Beacon, boundary, and obstruction
L4: Beacon, boundary, obstruction, and flood
L5: Beacon, boundary, obstruction, flood, and runway contact
(L5): Identical to L5 except that runway contact lights are high intensity
L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach
(L6): Identical to L6 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

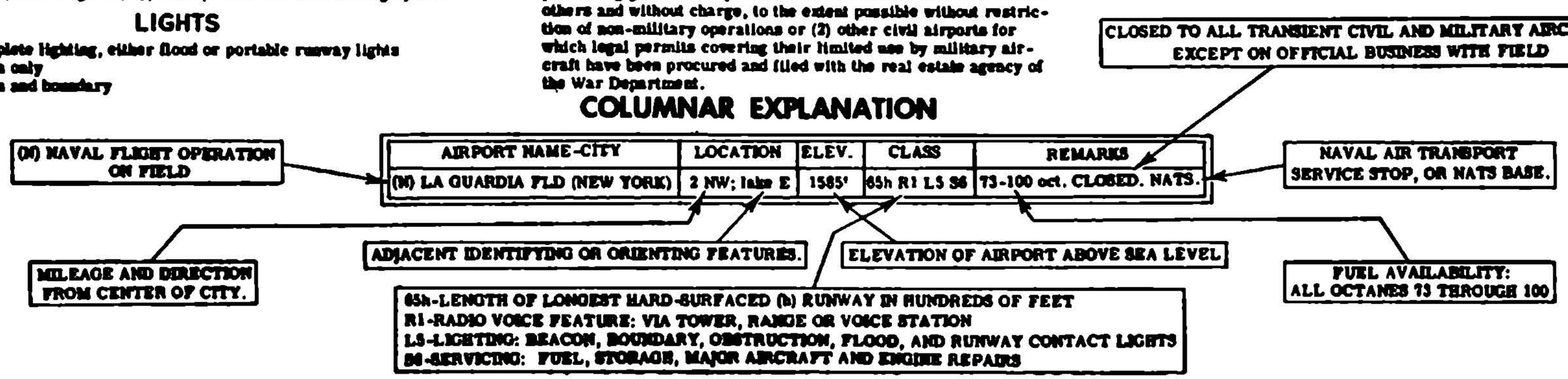
S1: Fuel
S2: Fuel, storage
S3: Fuel, storage, minor aircraft repairs
S4: Fuel, storage, minor aircraft, and minor engine repairs
S5: Fuel, storage, major aircraft, and minor engine repairs
S6: Fuel, storage, major aircraft, and major engine repairs

N.B. Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently, servicing at such fields is isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1". "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there. Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. *
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, LS-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int.".
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct.", indicates fuel octanes available. "Army", or "Navy" following octane indicates Army or Navy contract fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency.
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines are cited.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly, the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft
7. Airline stop airport names are capitalized.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A)	- Army Field	LTA	- Lighter than Air	NAAS	- Naval Aux Air Station	NPG	- Naval Proving Grounds
AAB	- Army Air Base	MCAS	- Marine Corps Air Station	NAF	- Naval Air Facility	OLF	- Outlying Field (Navy)
AAF	- Army Air Field	MCAAF	- Marine Corps Aux. Air Facility	NAS	- Naval Air Station		
CGAS	- Coast Guard Air Station	N	- Navy Field	(NG)	- National Guard		

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

FLIGHT PLANNING CHARTS

LEGEND

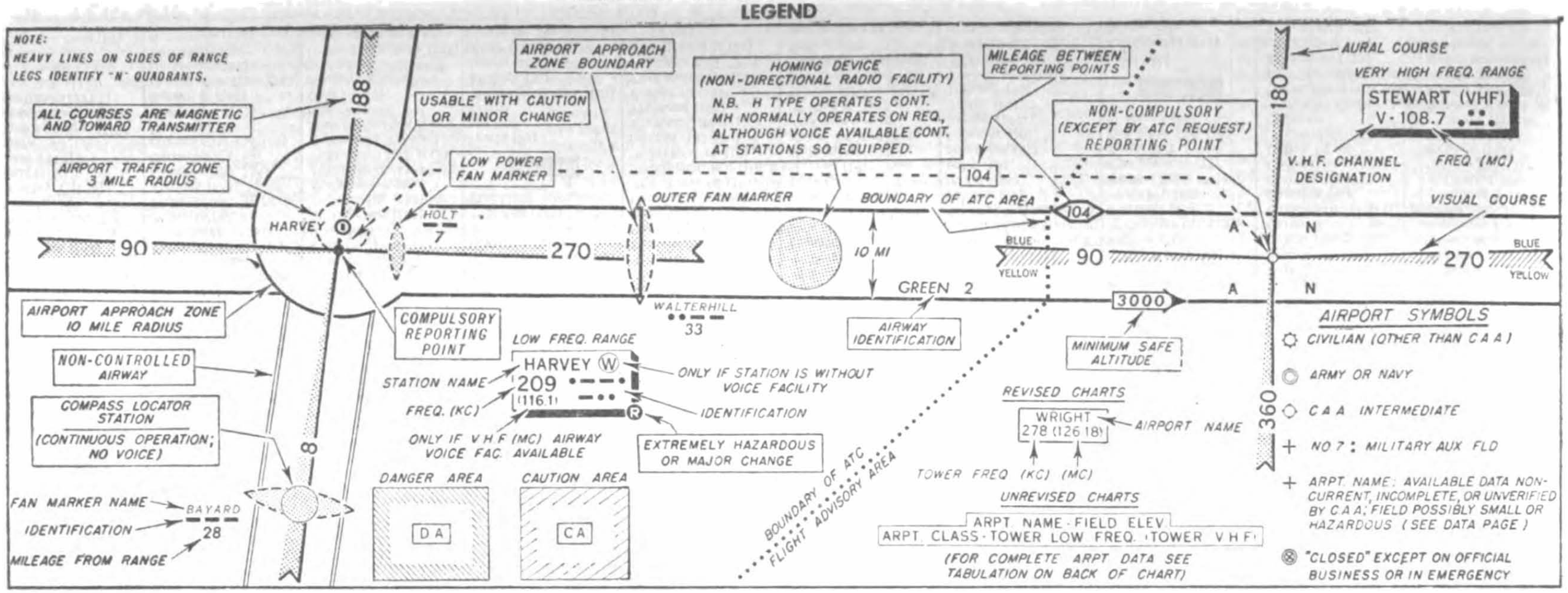


CHART CONTENTS

The Flight Planning Charts, in addition to the warning (R) and caution (O) symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages: (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

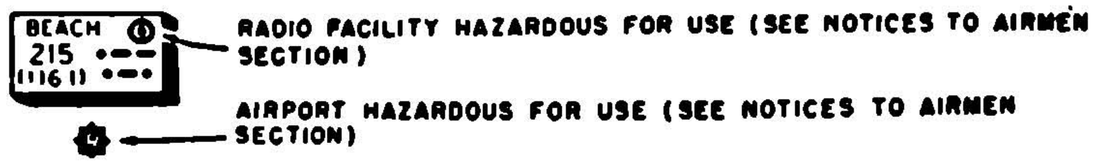
The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled (R) or (O) items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new field, abandoned fields, range frequency changes, etc., are currently reflected on the charts For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol (R) for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol (O) for orange, or caution.



RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

Warning

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

TABLE OF CONTENTS

AIR NAVIGATION RADIO AIDS, LEGEND, GENERAL INFORMATION III
AIRPORT DATA, LEGEND IV
FLIGHT PLANNING CHARTS AND DATA PAGES 1-141
DIRECTORY OF SEAPLANE BASES 142-143
NOTICES TO AIRMEN 144-

HOW TO USE THE AIRMAN'S GUIDE

GUIDE CONTENTS

THE AIRMAN'S GUIDE IS A COMPOSITE DIRECTORY OF AIRPORTS, AIR NAVIGATION RADIO AIDS, AND NOTICES TO AIRMEN. ON THE DATA PAGES ARE TABULATED ALL THE DATA COVERING THE FACILITIES CHARTED ON THE BACKING PAGES. THIS PRESENTATION IS GRADUALLY BEING REVISED, HOWEVER, SO THAT EVENTUALLY THE DATA PAGES WILL FACE THE CHARTS

INDEX OF FACILITIES

TO FIND THE NUMBER OF THE PAGE ON WHICH A FACILITY IS CHARTED, REFER TO THE INDEX OF FACILITIES BELOW. AS OUTLINED ABOVE, THE DETAILED DATA FOR THE FACILITY WILL BE FOUND ON THE DATA PAGE BACKING, OR FACING, THE CHART.

NEW DATA PRESENTATION

(A) ON THE DATA PAGES BACKING OR FACING THE CHARTS, NEW DATA OR REVISIONS ARE INDICATED BY ARROWS; (B) IN THE NOTICES TO AIRMEN SECTION, CITATIONS COVERING NEW OR REVISED RADIO DATA ARE PREFIXED BY ONE LARGE STAR " ★ " CITATIONS COVERING NEW OR REVISED AIRPORT, OR MISCELLANEOUS DATA ARE PREFIXED BY TWO ASTERISKS "**"

DATA PAGE NOTAMS

BECAUSE OF THE SERIOUS PAPER SHORTAGE, THE DATA PAGES, WHERE POSSIBLE, HAVE TO SERVE AS NOTAM (NOTICES TO AIRMEN) PAGES. RESULTANTLY, MOST OF THE NEW DATA FORMERLY NOTAMIZED IN THE NOTICES TO AIRMEN SECTION WITH PREFIXED LARGE STARS OR DOUBLE ASTERISKS ARE NO LONGER CARRIED IN THAT SECTION. ONLY COMMISSIONINGS, ABANDONMENTS, OR CHANGES SO POTENTIALLY HAZARDOUS THAT THEY ARE INDICATED WITH (R) (FOR RED FLAG) SYMBOLS ON THE CHARTS, ARE NOW CITED IN THE NOTICES TO AIRMEN SECTION

NOTAMIZING ON THE DATA PAGES IS EFFECTED BY THE USE OF PREFIXED ARROWS AS IN THE FORMER AIR NAVIGATION RADIO AIDS PUBLICATION. ANY CHANGES FROM THE PREVIOUS ISSUE, WHETHER CITED IN THE NOTICES TO AIRMEN SECTION, OR NOT, ARE INDICATED BY THE PREFIXED ARROWS. FOLLOWING ARE EXAMPLES OF CHANGES NOTAMIZED ONLY ON THE DATA PAGES: FIELD OBSTRUCTION, SERVICING, ELEVATION, LOCATION, AND RUNWAY LENGTH CHANGES. BECAUSE OF THE USE OF THE PREFIXED ARROWS AS NEW DATA INDICATORS, A FURTHER INNOVATION HAD TO BE ADOPTED. THIS IS A TINTED HORIZONTAL LINE FOLLOWING THE LAST TABULATED FACILITY AND TITLED EITHER NEW RADIO FACILITIES OR NEW AIRPORTS.

NEW FACILITIES ON DATA PAGES

SPACE BELOW THE TINTED HORIZONTAL LINES ON THE DATA PAGES HAS BEEN RESERVED AS A SUPPLEMENT FOR NEW RADIO AIDS AND AIRPORTS WHOSE DATA WERE RECEIVED AFTER THE DATA PAGES WERE ORIGINALLY TYPED. REVISIONS TO EXISTING AIRPORTS AND RADIO AIDS ARE SUPER-IMPOSED ON THE OLD DATA. NEW AIRPORTS AND RADIO AIDS HOWEVER, ARE LISTED, NECESSARILY OUT OF ALPHABETICAL ALIGNMENT, BELOW THE TINTED HORIZONTAL LINES UNTIL THE PAGE IS RE-TYPED.

CHART NOTAMS

NOTAMIZING ON THE CHARTS IS EFFECTED BY USE OF THE SUPER-IMPOSED (R) AND (O) SYMBOLS. THE (R) (FOR RED FLAG) INDICATES A VERY HAZARDOUS CONDITION OR A MAJOR CHANGE. THE (O) SYMBOL (FOR ORANGE FLAG) INDICATES A MINOR CHANGE OR HAZARDOUS CONDITION WITH THE FACILITY STILL USABLE WITH CAUTION. THE PERTINENT DETAILS TO WHICH THESE SYMBOLS REFER WILL BE FOUND LISTED IN THE NOTICES TO AIRMEN SECTION UNDER THE FACILITY NAME (AND STATE) BY WHICH THEY ARE CHARTED

(R) and (O) SYMBOLS

THESE SYMBOLS WERE ADOPTED FOR SUPER-IMPOSITION OVER CHARTED FACILITIES TO INDICATE HAZARDOUS CONDITIONS AND COVERING NOTICES TO AIRMEN. THUS, IF A CHART USER NOTES NO SYMBOL ON THE FACILITIES HE IS PLANNING ON USING, THERE IS NO NECESSITY FOR HIM TO WADE THROUGH THE 30-ODD PAGE NOTICES TO AIRMEN SECTION.

NOTICES TO AIRMEN SECTION

ALL TEMPORARY CONDITIONS (FIELD SOFT, RUNWAY UNDER CONSTRUCTION, RANGE COURSE OUT OF ALIGNMENT, ETC) ARE CITED IN FULL IN THE NOTICES TO AIRMEN SECTION UNTIL THEY ARE NO LONGER IN EFFECT, WHEN A CITATION CARRIES A PERMANENT ITEM AND A TEMPORARY ITEM, THE PERMANENT ITEM IS UNDERLINED. PARENTHETICAL DATE AT END OF ITEM INDICATES TIME ITEM WAS REPORTED. TO CONFORM TO CHART PRACTICE, ALL FACILITY DATA ARE LISTED IN THE NOTICES TO AIRMEN SECTION AND ON DATA PAGES ALPHABETICALLY BY STATES AND BY FACILITY NAME. THUS, AN AIRPORT WILL BE FOUND LISTED ALPHABETICALLY UNDER ITS OWN NAME RATHER THAN UNDER ITS LOCALE'S NAME. IF THE AIRPORT OR RADIO FACILITY NAME IS OTHER THAN THAT OF THE CITY IN WHICH IT IS LOCATED, THE LOCATION IS SHOWN IN PARENTHESIS AFTER THE FACILITY NAME.

SPECIAL NOTICES

NOTICES OF NATIONAL INTEREST, OF GREAT IMPORTANCE, OR OF NON-LOCALIZED NATURE, WILL BE FOUND AT THE BEGINNING OF THE NOTICES TO AIRMEN SECTION.

CIVIL FACILITY CHANGES: ADVISE WHOM

PLEASE ADVISE THE OFFICE OF AVIATION INFORMATION, ATTENTION A-250, C.A.A., DEPARTMENT OF COMMERCE, WASHINGTON 25, D.C. AS SOON AS TEMPORARY CONDITIONS COVERING CIVIL AIRPORTS OR NAVIGATIONAL AIDS BEGIN OR TERMINATE, OR FLIGHT HAZARDS ARE ERECTED OR REMOVED. FIELD DATA REVISIONS SHOULD BE SUBMITTED TO THE NEAREST C.A.A. DISTRICT AIRPORT ENGINEER.

TO ALL SUBMITTERS OF AIRMAN'S GUIDE DATA

AN UNDER-MANNED STAFF PREVENTS AN INDIVIDUAL ACKNOWLEDGMENT OF DATA SUBMITTED FOR THE AIRMAN'S GUIDE BY TELEGRAM, TELETYPE DISPATCH, OR LETTER. YOUR COOPERATION IN PERMITTING A GUIDE CITATION TO SUFFICE AS AN ACKNOWLEDGMENT WILL BE APPRECIATED.

INDEX OF FACILITIES

[redacted]
Albertville (89,115)
Alexander City
" Russell (115)
Andalusia (129)
Anniston (115)
" AAF (115)
Athens (113)
Atmore (129)
Auburn-Opelika (115)
Barin (129)
Birmingham R,T (113)
" Central Park (113)
" Roberts (113)
Bradford FM (113)
Brewton (old)(129)*
" (new)(129)
Brookley T (129)
Canal (129)
Canoe FM (127)
Centre (89,115)
Clanton,Gragg (113)
Columbiana (113)
Courtland (127)
Craig R,T (113)
Cullman (86,113)
Decatur
" Beaver Dam (89)
Decatur, Pryor (89)
Demopolis (113)
Dothan A. R (129)
" Napier (129)
" Southern Airmotive (129)
Eden FM (113,115)
Elberta,Kaiser's Tract
Elmore (113) (129)
Enterprise (129)
Eufaula,Weedon (115)
Eutaw (113)
Evergreen,Middleton
Faircloth (129) (89)
Foley, Canal (129)
" Magnolia (129)
" Barin (129)
Ft.Payne,DeSoto Park
Furniss (113) (89)
Gadsden (89,115)
Gainesville (113)
Garden City FM (86)
Geneva (129)
Greenville (113)
Gunter T (115)
Guntersville Dam (127)
Hartselle (127)
Headland (129)
Henderson (113)
Huntsville (127)
" Arsenal (127)
Hurtsboro (115)
Jasper,Walker Co.(113)
Josephine, Wolf (129)
Kaisers Tract (129)
Lillian,Faircloth (129)
Luverne (129)
Magnolia (129)
Maxwell R,T (113)
Mobile R (129)
"Bates (129)
" Brookley T (129)
" Davis (129)
Mollette (113)
Montgomery
" Allenport (113)*
" Dannelly (113)
" Elmore (113)
" Gunter T (115)
" Maxwell R,T (113)
" Norman Bridge(125)
Muscle Shoals A,R (87)
Napier (129).
Ozark (129)
Prichard,Chastain's
Scottsboro (129)
" No.Sauty Base (127)
Selma-Selfield (113)
Selma
" Autaugaville (113)
" Craig R,T (113)
" Dallas (113)
" Furniss (113)
" Henderson (113)
" Mollette (113)
Silverhill (129)
Summerdale (129)
Talladega (115)
Troy (115)
Tuscaloosa M (113)
" Foster (113)
" Van de Graaff (113)
Tuskegee (115)
" Moton (115)
Wolf (129)
[redacted]
Aguila (99)
Ajo (99)
Amado
" Kinsley Ranch (101)
Ashfork (75)
Bisbee (101)
Bowie (101,103)
Cactus,No.Phoenix(101)
Cameron (77)*
Casa Grande
" Three Point (101)
Chandler
" Williams T (101)
Clifton-Greenlee Co. (101,103)
Cochise R,A (101)
Coolidge (101)
" Airpark (101)
" Flying Field (101,
Cottonwood
" Clemenceau (75)
" Verde Valley (75)
Datelan (99)
Davis-Monthan T (101
Deep Lake (77)
Douglas (101,103)
" Forrest #2 (101,103)
" International (101,103)
" McNeal #1 (101,103)
Duncan (101,103)
Flagstaff, Koch (77)
Florence (101)
Forest #2 (101)
Fort Huachuca (101)
Fredonia (75)
Gila Bend A,R (99)
" #4 (99)
Gila Bend #5 (99)
" #6 (99)
Globe, Cutter (101)
Grand Canyon
" South Rim (75)
Hayden (101)
Hereford (101)
Hilltop FM (101)
Holbrook (77)
" Int. (77)
Joseph City FM (77)
Kingman (75)
" Mohave Co. (75)
" Port Kingman (75)
Laguna Landing Strip (65)
Litchfield Park (101)
" NAF T (101)
Luke (101)
Marana (101)
McNeal #1 (101)
Mesa A*, FM (101)
" Airpark (101)
" Falcon (101)
Meteor Crater FM (77)
Nogales,Central (101)
" International (101)
Parker (99)
Perryville FM (101)
Phoenix R (101)
" Airhaven (101)
" Air-Topia (101)
" Luke (101)
" Paradise (101)
" Sky Harbor T (101)
" ThunderBird #1 (101
" Thunderbird #2(101)
Prescott R (75)
" Ernest A. Love (75)
Quartzsite,Conner (75)
Redrock FM (101)
" Int. (101)
Safford (101,103)
" Wickersham (101,103)
Sahuarita Flgt Strip(101
St. Johns,Saunders (77)
Salome (99)
" Int. (99)
Sells (101)
Somerton (99)
Superior (101)
Tempe (101)
Toltec (101)
Tonopah (99)
Tucson A. R (101)
" Airpark (101)
" Davis-Monthan T(101
" Downtown (101)
Tucson, Gilpin (101)
" Ryan (101)
" Silverbell (101)
" Wagon Wheels Ranch (101
Vail FM (101)
Valle (75)
Wellton (99)
" Smiley (99)
White River
" Fort Apache (101)
Wickenburg Mun (99).
Sky Ranch (99)
Willcox (101)
" Cochise Co. (101)
Williams (75)
" AAF T (101)
Window Rock (77)*
Winslow A,R (77)
Yucca (75)
Yuma Fly.Fld. (99)
" Marsh (99)
ARKANSAS
Alma (85)
Arkadelphia (111)
Benton (85)
Bentonville (85)
Berryville (85)
Biggers (85)
Black Rock
" Sloan (85)
Blytheville R (87,85)
" AAF (87,85)
" American Legion (87,85)
" Cooter (87,85)
" Manila (85)
" Steele (87,85)
Brinkley (85)
Bruins FM (85)
Cabot, Bailey (85)
Calico Rock,Copp (85)
Camden,Grayson (111)
Carlisle (85)
Clarksville (85)
Conway (85)
Cotton Plant
" Overholt (85)
Crossett
" Ashley County (111)
Desha,Batesville (85)
DeWitt,Commercial(102)
El Dorado (111)
" Goodwin (111)
Fayetteville (85)
Flippin
" John's Airpark (85)
Forrest City (85)
Fort Smith (85)
Harrison (85)
Hasty,Smith (85)
Hazen (85)
Helena
" Thompson-Robbins (85)
Hope (111)
Hot Springs
" McLaughlin (85)
Hughes,Tucker (85)
Joiner, Wilson (85)
Jonesboro (85)
Little Rock R (85)
" Adams T (85)
" Central (85)
Luxora (87,85)
McGhee (111)
Magnolia (111)
" Baker (111)
Malvern,Harlan (85)
Manila AAF (85)
" Freeman (85)
Mena, Bowden (85)
Monticello
" Wright (102)

INDEX LEGEND: A - Airport with an associated radio facility identically named; FM - Fan marker; H - Non-directional radio beacon; K - Independent compass locator station; R - Radio range; T - Airport with control tower

*-Facility listed on data pages but not charted.

N.B. All facilities without a letter suffix are airports. Names not followed by a number suffix are not airports but merely geographical locations.

Newport (85)
" Erwin (85)
" Milltown (85)
Ola, Norman (85)
Palmer,Gilbrech (85)
Paris (85)
Pine Bluff, Grider(85)
" Toney (85)
Prairieville (85)
Prescott FM (102)
" Hope Prescott (111)
Rogers (85)
Round Pond (85)
Russellville
" Ark.Poly.College
Searcy (85) (85)
Springdale (85)
Stuttgart R (85)
" AAF (85)
" Carlisle (85)
" Dockery (85)
" Hazen (85)
" Prairieville (85)
Texarkana A, R (111)
Van Buren,Greig (85)
Walcott #3 (85)
Walnut Ridge A,R (85)
" Walcott #3 (85)
West Memphis
" Bowen (85)
" Levee (85)
Wynne (85)

[redacted]

Alameda (71)
Allen (71, 73)
Alturas (19)
" #1 (19)
Amedee Flgt Strip (19)
Anderson
" Pinnegar (19)
Antioch (71)
Arcata H,R,T (19)
Armitage (73)
Artesia,Cranford(137)
Auburn FM, A (57)
Avalon
" Buffalo Springs (97)
Bagdad (75)
Bakersfield R (71)
" Kern Co. T. (73)
" La Cresta (71,73,97)
" Minter (71,73)
Banning A, FM (97)
Barstow (97)
Bass Lake
" Wishon, USFS (73)
Bay Point FM (69)
Beckwourth (19)
Bellflower (137)
Belmont (71)
Big Bear (97)
Big Pine (73)
Bishop (73)
Blue Canyon FM,H (19)
" Int. (19)
Blythe R (99)
" AAF (99)
" Gary (99)
" Harvey (99)
" Heron (99)
Borego Hotel (99)
Boron (97)
Brawley (99)
" O'Connell Bros.(99)
Bridgeport,Bryant(73)
Brown (97)
Burbank R LFM(137)
" Lockheed Air Term. T (137)
Calexico (99)
Callahan FM (19)
Camarillo,Conejo Val'y
Cambria (71) (137)
Camp Pendleton (97)
Carmel Valley (39)
Castiac FM (137)
Castle T (73)
" OLF (97)
Cedarville (19)
Chatsworth K, FM(137)
Chester (19)*
Chico (19)
" Ranchaero (19)
" Patrick (19)
Claremont
" Cable-Claremont
Clarksburg (137)
" Borges-Clarksb'g(69)
Clarks Dry Lake (97)
Coalinga (73)
Colusa (19)
Compton (137)
" Central (137)
Concord (71)
" Buchanan Co.(71)
Corcoran (73)
" Harvey (73)
Corning (19, 137)
Corona
Coronada FM (97)
Costa Mesa
" Newport Baysky Harbor (137)
Cotati (47)
Covelo
" Round Valley (19)*
Coyote Wells
" (North & South Flds) (99)
Crescent City
" Del Norte Co. (19)
" Gasquet (19)*
Crows Landing (69)
Culver City,Hughes
Daggett R (97) (137)
" San Bernardino Co. (97)
Davis
" State Forestry (69)
" University (69)
" Winters Flgt Strip(69)
Death Valley Junction
" Amargosa (73)
Delano (73)
Del Mar (97)
Delta (19)
Desert Center (99)
" Int. (99)
Donner Summit R (19,
Dos Palos (69) (73)
" Eagle (69)
Downey K, FM (137)
" Vultee (137)
Dunsmuir (19)
El Cajon (97)
El Centro R (99)
" NAS T (99)
" Coyote Wells North Field (99)
" Coyote Wells South Field (99)
El Monte (137)
" Rosemead (137)
Elsinore (97)
" Lake Elsinore (97)
El Toro T (137)
Escondido,Engel (97)
Estrella (71)
Eureka A, FM (19)
" Humboldt Co. (19)
Evergreen FM (69)
Fairfield
" Suisun AAF R,T (69)
" Suisun Airpark (69)
Fall River Mills
" Fall River (19)
Farallon Island H (69)
Fontana FM (97)
Fort Jones A, R (19)*
Franklin (69)
Fresno R (73)
" Adams (73)
" Cannon (73)
" Fresno-Chandler(73)
" Fresno-Skylark (73)
" Furlong (Co.Club)(73)
" Hammer (73)
Fullerton (137)
Furnace Creek
" Death Valley Nat'l. Monument (73)
Gardengrove (137)
" Haster Farm(137)
Gardner (73)
Gillespie (97)
Glendale K (137)
" Grand Central T
Grass Valley (19) (137)
Gray Butte (137)
Gridley (19)
Gustine (69)
Half Moon Bay A,FM(50)
Hamilton H,T (69)
Hammer (73)
Hanford (73)
Haster Farms (137)
Hawes (97)
Hawthorne T (137)
Hayfork (19)*
Hayward (71)
Healdsburg
" Alexander Val'y(69)
" Norton Sky Ranch(69)
Helendale (97)
Hemet (97)
Hollister (69)
Holtville (99)
Horse Farm (137)
Huntington Beach A,FM (137)
Imperial Co. (99)
Independence (73)
Indio A,R (97, 99)
" Shavers Summit(99)
Inyokern
" Armitage (73)
" NAF (Harvey Fld)T (73, 97)
Jackson
" Amador County (69)
Jacumba Hot Spgs.(99)
King City (69)
La Habra FM (97)
Lakeport,Lampson (69)
La Mesa FM A (97)
" Jamacha (97)
" La Pressa (97)
" Sweetwater Spgs(97)
Lancaster
" Antelope Valley(97)
" Quartz Hill (97)
" Sterk's Ranch (97)
" War Eagle (97)
Laytonville
" 101 Hereford Ranch (19)
Lebec FM (97)
Lemoore (73)
" Kleinhammer (73)
Lincoln (69)
Lindsey
" Coulburn (73)
Little River
" Mendocino (19)
Livermore NAS (71)
" Sky Ranch,(71)
Lodi, Lind's (69)
" Kingsbury (69)
" Lodi Arpk (69)
Lomita (137)
Lompoc (71)
" com. (71)
Lone Pine (73)
Long Beach R,T (137)
Los Alamitos T (137)
" Horse Farm(137)
Los Angeles R (137)
" Culver City (137)
" Mines T (137)
" Torrance Community (137)
" Vail (137)
Los Banos A, FM (69)
Lost Hills #8 (71,73)
Lower Lake
" Hoberg (69)
McClellan T (69)
McCloud
" Ash Creek (19)*
Madera (73)
Manteca,Summer Home (69)
Manzanar
" Inyo County (73)
March T (97)
Maricopa,Cuyama (71)*
Mariposa (73)*
Martinez (69)
Marysville,Alicia (19)
" Cheim (19)
Mather H, T (69)
Mecca,Port Mecca (99)
Merced Mun. (73)
" Castle T (73)
Mile Square Farm(137)
Minter (71, 73)
Mirage (97)
Miramar
" MCAS T (97)
" OLF (97)
Modesto (69)
Moffett T (49)

Monrovia (137)
Montague (19)
" Siskiyou Co. (19)
Montebello
" Ranchaero (137)
Monterey
" Monterey Peninsula (69)
Morgan Hill,Valley (69)
Mountain View A,R (71)
" NAS (Moffett) T (71)
Mt. Laguna H (97,99)
Mt. Shasta R (19)
Muroc R,T (97)
Napa, Napa Co. (69)
" Napa Sky Ranch (69)
National City (97)
Needles A,R (75)
" Riverview (75)
Nevada City (19)
Newark K,FM (69)
Newhall A,R (137)
New Jerusalem (69)
Norco (137)
Norwalk
" Delbert Arpk.(137)
Oakland R,T (71)
Oceanside H,FM (97)
" Camp Pendleton(97)
" Hi Hi Sky Ranch (97)
Ocotillo (99)
Ojai,Henderson (71)
Olancha,Adamson (73)
" Monache Meadows (73)
" Templeton Meadow (73)
" Tunnel (73)
Ontario T (137)
" Cal-Aero (137)
Oroville (19)
Otay NAAS,Brown (97)
" Wolfe's Arpk. (97)
Oxnard Flight Strip(71)
" Ventura Co. (71)
Palisades (138)*
Palmdale A,R (97)
" Galbraith (138)
Palm Springs (97,99)
Palo Alto (71)
Parlier
" Paiva Inter-City(73)
Paso Robles A,R (71)
" Estrella (71)
Petaluma (69)
" Justman Fld. (69)
" Oak View (69)
Point Mugu T (71)
Pomona (137)
" Brackett (137)
Porterville (73)
" Cornell (73)
Puente,Sky Ranch(138)
Quincy,Sky Harbor(19)
Randsburg (73,97)
Ravendale (19)*
Ream T (97)
Red Bluff R (19)
" Bidwell (19)
Redding A, FM (19)
" Benton Arpk (19)
Reedley
" Great Western (73)
Rialto,Morrow (97)
Rice (99)
Riverside A,R (97)
" Arlington (97)
" March T (97)
Romona (97)
Rosamond,Barnes (97)
" Liberty (97)
Rosedale (97)
Sacramento R,T (69)
" Branstetter (69)
" Lincoln (69)
" McClellan T (69)
" Mather H,T (69)
Sacramento
" Sky Ranch (69)
Salinas A,R (69)
" American Legion (69)
Salton Sea (99)
" Borego Hotel (99)
" Clark's Dry Lake (97)
" Ocotillo (99)
San Bernardino (97)
" AAF T (97)
" Tri-City (97)
San Carlos (71)
" Cooley (71)
San Clemente Island (97)
" Castle (97)
San Diego R (97)
" NAS T (97)
" Gibbs (97)
" Lindbergh T (97)
" Miramar OLF (97)
" Miramar MCAS T (97)
" Peik (97)
" Rosedale (97)
" San Diego (97)
" Sweetwater (97)
San Fernando (138)
" Whiteman Arpk(138)
San Francisco R,T (71)
" Gap K (71)
San Jacinto,Harmon(97)
San Jose (71)
" Reid-Hillview (71)
" San Jose City (71)
San Luis Obispo (71)
San Marcos
" McCormick (97)
" San Marcos Valley (97)
San Mateo (71)
" Bay Meadows (71)
San Nicolas Isl. (97)
San Pedro,Terminal Island T (137)
San Rafael
" Hamilton H,T (69)
" Marin Co.,Inc.(69)
San Ramon (71)
Santa Ana R,T (137)
" El Toro T (137)
" Mile Quare Farm (137)
" Orange Co. (137)
Santa Barbara R,T (71)
Santa Cruz (69)
" Sky Park (69)
Santa Maria T (71)
" Dorman (71)
" Hancock (71)
" Machado (71)
Santa Monica(Clover) (137)
Santa Paula (71)
Santa Rosa (69)
" Santa Rosa Arpk (69)
" NAAS T (69)
Santa Susana (137)
Santa Ynez
" Crawford (97)
Santee,Gillespie (97)
San Ysidro
" Borderland (97)
" Ream T (97)
Saticoy (71)
Sausalito FM (69)
Secret Valley (19)
Shafter-Kern Co (71,73)
Shavers Summit (99)
Silver Lake R,A (75)
Sonora,Columbia (73)
Stockton R A (69)
" Orange Bros. (69)
" West Lane (69)
Stratford,Newton (73)
Susanville (19)
Taft, Allen (71)
" Gardner (71)
" Parker (71)
" Taft-Kern Co. (73)
" Taft-Kern Co.Aux.
" Taft-Kern Co.#2 (73)
Tehachapi (73,97)
Terminal Isl. T (137)
Thermal (99)
Tracy (71)
" New Jerusalem (69)
Trona A,R (73)
Truckee (91, 73)
Tulare (73)
" Defense Plant Corp. (73)
Turlock (69)
" Turlock Arpk (69)
Twentynine Palms
Ukiah (19) (99)
Upper Lake
" Gravelly Val'y(19)*
Vallejo Sky Harbor (69)
" Stan's Arpk (69)
Valley Springs
" Mother Lode (69)
Van Nuys
" Metropolitan T
Vernalis (71) (137)
Victorville "66" (97)
" AAF T (97)
" Grey Butte (137)
" Hawes (97)
" Helendale (97)
" Mirage (97)
Visalia (73)
" Green Acres (73)
" Sequoia (73)
" Piepgrass Bros.
Walnut Creek (73)
" Sherman (71)
Warm Springs (71)
Warner Hot Spgs. (97)
Watsonville #1 (69)
" #2 (69)
Weaverville (19)*
Westhaven
" Boston Land Co.(73)
Whitmore R (19)
Williams R (19)
" Dalton, com. (19)
" Int. (19)
Willits (19)
Willows-Glenn Co.(19)
Winters Flgt Strip (69)
Woodlake (73)
Woodland
" Yolo Flyers (69)
Woodville,Vossler (73)
Yermo, Calico (97)

COLORADO

Akron A, R (31)
" Douglas (31)
Alamosa (79)
Alvin (31)

Arlington #4 (31)
Boulder (35)
Buckley T (139)
Burlington (31)
Calhan (35) (31)
Canon City,Fremont Co.
" Royal Gorge (31)
Colorado Spgs R (31,35)
" Nichols (35)
" Peterson T (31)
" Pine Valley (35)
" Rocky Mtn. (35)
Cortez (77)
Craig (31)
Creede (79)
Dacona FM (35)
Delta,Starr Nelson (77,31)
Denver R (31,35)
" Buckley (35)
" Civil Air Patrol (35)
" Combs (35)
" Lowry T (35)
" Ruston (35)
" Sky-Ranch T (35)
" Stapleton (Denver Arpt) T (31,35)
" Vest Acft (35)
Dove Creek (77)
Dupont,Rutledge (35)
Durango (77)
Eads (31)
Eagle A, R (31)
Englewood (35)
Estes Park (31)
Fairplay,Teter (31)
Flagler (31,35)
Fort Collins (31)
Fort Morgan,Young (31)
Fountain FM (35)
Franktown FM (35)
Glenwood Spgs (31)
Golden,Creighton(35)
Granby (31)
Grand Junction R (26)
" Walker (26)
Greeley,Crosier (35)
Gunnison
" Meeker Ranch (31)
Henderson FM (35)
Holly, Remer (39)
Holyoke (31)
Hugo (31)
Julesburg (31)
" Doughty's (31)
Kit Carson
" Trading Post (31)
La Junta R (79)
" AAF (79)
" Arlington #4 (31)
" La Junta Bridges (79)
" Las Animas #2 (79)
" Rocky Ford (31)
Lamar (59)
Las Animas (31)
" #2 (58)
Limon
" Stake's Prairie Port (31)
Lindon,Roderick (31)
Longmont (35)
Lowry T (139)
Mancos (77)*
Meeker (31)
Mesita,Costilla Co.(79)
Monte Vista (79)
Montrose (77,31)
Nucla (77)
Ordway (31)
Peterson T (31,35)
Pueblo A, R (31)
" Gregg (31)
" Pueblo AAB (31)
Rangely
" Rangely Heights
Rifle (31) (26)
Rocky Ford
" Reynolds (79)
Saguache (31)
Salida (31)
Silver Cliff,Valley (31)
Springfield (59)
Sterling (27)
Trindad A,R (79)
Walden (31)
Walsh, Griffin (59)
Watkins FM (35)
" East Colfax (35)
Westcliffe,Cress (31)
Wray (31)
Yuma (31)

CONNECTICUT

Bethany (51)
Bridgeport T (51)
Bristol
" Stephenson (51)
Brookfield (51)
Canaan (51)
Cheshire
" Tier Airstrip (51)
Danbury (51)
East Hartford
" Rentschler T (51)
Essex, Doane (51)
Groton,Trumbull (51)
Hartford R (51)
" Brainard T (51)
Madison
" Hammonasset (51)
Meriden FM, T (51)
Milford (51)
Monroe (51)
Moosup FM (53)
New Haven (51)
Plainfield (53)
Plymouth
" Waterbury (51)
Putnam (53)
Salem (51)
Simsbury (51)
Somers,Kinsley (51)
Stonington,Foster (53)
Southington (51)
Wallingford
" Lufbery (51)
Waterford (51)
Watertown (51)
West Haven (51)
Windham (51)
Windsor Locks
" Bradley T (51)

[redacted]

Bridgeville (83)
Dover
" Airpark (83)
" AAF (83)
Frankford,Sussex (83)
Georgetown (63)
Harrington (63)
Laurel (63)
" Holly Brook (63)
New Castle, Biggs (63)
" Bellanca (63)
Rehoboth Beach
" Rehoboth Acfters(75)
Seaford, duPont (63)
Wilmington R (63)
" duPont T (63)
" New Castle Co.T (63)
" Skycraft (63)

DIST. OF COLUMBIA

Washington R (65)
" Anacostia NAS T (65)
" Bolling T (65)
" National T (65)

[redacted]

Alliance #4 (129)
Altoona (133)
Apalachicola (129)
Apopka,Ryan (133)
Arcadia (133)
" Carlstrom (133)
" Dorr (133)
Avon Park (133)
" AAF (133)
Bagdad (129)
Banana River R (133)
" NAS T (133)
Barberville (131,133)
Bartow (133)
Bascom (129)
Bayard FM (131)
Belle Glade (135)
Boca Raton T (135)
Bostwick (131)
Bradenton (133)
Branan (131)
Bronson (129)
Brooksville (133)
Bryceville FM (131)
Buckingham (135)
Bunnell (131)
Carrabelle Flgt Strip
Cecil T (131) (129)
Cedar Keys (133)
Chipley (129)
Choctaw (129)
Clarcona,Hidden Acres
Clearwater (133) (133)
Clewiston (135)
Cocoa (133)
Conners (133)
Crestview A,R (129)
Cross City A,R (131)
Daytona Beach A,R (131, 133)
" Tomoka (133)
De Funiak Spgs.(129)
De Land (133)
Dunedin,Skyport (133)
Dunnellon (133)
Eglin R,T (129)
Ellenton (133)
Ellyson (129)
Eustis,Waterman(133)
Fernandina (131)
Fleming Island (131)
Forman (135)
Fort George Isl. FM(131

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Fort Lauderdale FM (135)
" NAS (135)
" Forman (135)
" West Prospect (135)
Fort Myers R (135)
" Buckingham (135)
" Page (135)
Fort Pierce (com)(131)
" (mun.) (131)
Gainesville
" John R. Alison (131)
" Stengel (131)
Green Cove Springs
" Lee OLF (131)
Haines City (135)
Hawthorne (131)
Helm (129)
Hillsborough (135)
Holley (129)
Hollywood
" MacArthur (136)
" North Perry (136)
Holt FM (127)
Homestead
" So. Dade Co. (136)
" Mun. (136)
Immokalee Arfld (Aux.) (135)
" Int. (136)
Jacksonville R,T (131)
" NAS R,T (131)
" Brooks (131)
" Cecil T (131)
" Craig (131)
" Flemings Isl. (131)
" Hart (131)
" Herlong (131)
" Whitehouse (131)
" Williams (131)
Jasper (131)
Keystone Heights
" Keystone AAF (131)
Key West R (136)
" NAS T (136)
" Meacham (136)
Kissimmee (133)
Lake Butler (131)
Lake City (131)
" WIL (131)
Lakeland AAF (133)
" Lakeland Mun. #1 (133)
" Skyland (133)
Lake Wales (133)
Lake Worth (135)
Lantana
" Palm Beach Co. Lee (131) (135)
Leesburg (133)
" Gray's (133)
Live Oak A,FM (129,131)
MacDill T (133)
Malabar (133)
Malone #2 (129)
Marathon (135)
Marianna (129)
" Alliance #4 (129)
" Bascon (129)
" Ellis (129)
" Malone #2 (129)
Master T (135)
Mayport (131)
Melbourne A,R (133)
" Eau Gallie (133)
" Valkaria (133)
Miami R (135)

Miami
" Aviation Center (135)
" Brown (135)
" Chapman (135)
" International T (135)
" Master T (135)
" NAS (Opa Locka)(135)
" OLF (135)
" Sunny South (135)
" Tamiami (135)
Miami Bay Shore FM (135)
Middleburg (131)
Milton (129)
" Whiting NAS (N) T,R (129)
" Whiting NAS (S)(129)
" Santa Rosa (129)
Minneola,Kerlin (133)
Molino FM (127)
Montbrook (131,133)
Monticello (131)
Naples (135)
New Smyrna (133)
North Tampa FM (133)
North Perry (135)
North Pompano (135)
Ocala,Taylor (131,133)
Okeechobee
" Conners (133)
Orange City (133)
Orlando R (133)
" AAB (Arpt) T (133)
" Cannon Mills (133)
" Hoequist (133)
Palatka
" Kay Larkin (131)
" Sawyer (131)
Panama City (129)
" City Arpk (129)
" Skyland (129)
" Tyndall R,T (129)
Pensacola A,R (129)
" Bagdad (129)
" Bronson (129)
" Choctaw (129)
" Ellyson (129)
" Gulf Arpk (129)
" Helm (129)
" Pensacola Arpk (129)
" Pensacola NAS (Chevalier) T (129)
" Corry (E & W Flds) T (129)
" OLF #1 (129)
" OLF #5 (129)
" OLF #6 (129)
" OLF #7 (129)
" OLF #8A (129)
" OLF #9K (129)
" Saufley T (129)
" Spencer (129)
Perry (131)
Pierson Memorial (131, 133)
Pinecastle (133)
Plant City (133)
" Robinson (133)
Pompano
" North Pompano (135)
Punta Gorda (133)
" Mun. (133)
Quincy (131)
Richmond (135)
St. Augustine (131)
St. Petersb'g, Whitted (133)

St. Petersburg
" Ludwig Sky Harbor (133)
" Pinellas Co. Master T (133)
" Piper-Fuller (133)
Sanford (133)
" Osceola (133)
Sarasota-Bradenton (133)
" Com. (133)
Santa Rosa (129)
Saufley T (129)
Sebastian,Roseland (133)
Sebring (133)
" Hendricks (133)
Spencer (129)
Stock Isl. LFM (135)
Stuart,Witham (133)
Switzerland (131)
Tallahassee R (131)
" Dale Mabry T (131)
" Lake Jackson (131)
Tampa R (133)
" Drew T (133)
" Hillsborough (133)
" MacDill T (133)
" Peter O. Knight (133)
Tennile (131)
Titusville (133)
" Cocoa (133)
Tyndall R,T (129)
Valparaiso,Eglin R,T (129)
" Eglin #1 (129)
" Eglin #2 (129)
" Eglin #3 (129)
" Eglin #4 (129)
" Eglin #5 (129)
" Eglin #6 (129)
" Eglin #7 (129)
" Eglin #8 (129)
" Eglin #9 (129)
Venice,mun. (133)
" Fette Aircraft Serv
Vero Beach A,H (133)
Wauchula (133)
West Palm Beach R (135)
" Morrison T (135)
Whiting NAS (N) R,T (129)
" NAS (S) (129)
Whitehouse (131)
Williston
" Montbrook (131)
Wimauma (131)
Winter Haven
" Gilbert (133)
" Orlando Aviation Co. Club (133)
" Showalter Arpk (133)
Zephyrhills (133)

GEORGIA

Adel,Cook Co. (131)
Albany A,R (131)
" Turner (131)
" Turner #1 (131)
Alma A,R (131)
Americus (115)
" Souther (115)
Ashburn (131)
Athens (115)
" Polo Arfld (115)
Atlanta R,T (115)
" NAS (Camp Gordon) (115)

Atlanta,Lakewood (115)
Augusta R (117)
" Bush (117)
" Daniel T (117)
Babcock (131)
Bainbridge (131)
" Commodore Decatur (131)
Baxley,Bouser (131)
Bemiss #3 (131)
Boykin,Babcock (131)
Brunswick A,H (131)
" Glynco (131)
Buford,Allen (91,115)
Butler (115)
Camilla (131)
Camp Stewart (117)
Carrollton,City-Co. (115)
Cartersville,Felton (115)
Cedartown (89) ,115)
Chatham (117)
Cochran (115)
" AAF (115)
" Red Dog (115)
Columbus (115)
" Muscogee Co. (115)
" Lawson T,R (115)
Cordele (115)
Dalton (127)
Darien (131)
Donalsonville (129)
Douglas
" So. George College (131)
Dublin (115)
East Point LFM (130)
Elberton (91,115)
Faceville (131)
Fitzgerald (131)
" Three "B" (131)
Folkston (131)
Gainesville (91,115)
Glenville (117)
Glynco R,T (131)
Griffin (115)
Harris Neck (131)
Hinesville (117)
" Camp Stewart (117)
Homerville Figt Strip (131)
Jackson (115)
Jasper (89)
Jefferson, Long (91,115)
Jonesboro FM (115)
LaGrange (115)
Lake Park #2 (131)
Lawrenceville,Wages (115)
Lawson R,T (115)
McRae (115)
Macon R (115)
" Cochran (115)
" Herbert Smart (115)
" Ries (115)
Madison (115)
Madras FM (115)
Marietta AAF T (89 ,115)
" Clevenger's (89 ,115)
" Cobb (89 ,115)
" Parkaire (89 ,115)
Milledgeville,Kings (115)
Millen,Birdsville (117)
Montezuma (115)
Moody (131)
Moultrie (131)
" Northside (131)

Moultrie,Spence (131)
Nashville (131)
Newnan Arpk (115)
Palmetto,Morton (126)
Reynoldsville (129)
Richmond Hill FM (117)
Rockmart (89 ,115)
Rocky Ford #1 (131)
Rome (89 ,115)
" Russell (89 ,115)
Rossville (89)
Russell (89)
St. Marys A,FM (117, 131)
St.Simons Isl.T (131)
Savannah R (117)
" Chatham AAF (117)
" Hunter T (117)
" Savannah-Wilmington Island (117)
" West Savannah (115)
Siloam (115)
Smyrna FM (115)
Statesboro (117)
Stone Mountain FM (115)
Swainsboro
" Lindsey (117)
Sylvania (117)
Tallapoosa (115)
Thomaston
" Reginald Grant Memorial (115)
Thomasville AAF (131)
" Com. (131)
Tifton (131)
Toccoa
" Le Tourneau (91)
Trion
" LaFayette-Trion
Turner A,FM (131) (127)

Vada (131)
Valdosta (131)
" Bemiss #3 (131)
" Lake Park #2 (131)
" Moody (131)
" Rocky Ford #1 (131)
Vidalia
" Vidalia Lyons (115)
Warm Springs
" Roosevelt (126)
Warner-Robins
" Robins T (115)
Washington (115)
Waycross AAF (131)
" Civil Air Patrol (131)
Winder (91,115)
Woodbury (126)

IDAHO

Aberdeen (23)
American Falls (23)
Anderson Dam
" Bennett Figt Strip
Arco (23)* (22)
Big Springs (6)*
Boise
" Air Terminal (22)
" Bradley (22)
" Gowen T (22)
Buhl (23)*
Burley A,R (23)
Caldwell (22)

Cascade (3)
Cayuse Creek (3)
Challis (6)
Coeur d'Alene R (3)
" Air Terminal (3)
" Weeks (3)
Dixie (3)*
" Chamberlain (3)*
Dubois A,R (6)
Eagle FM (22)
" Floating Feather (22)
Emmett (22)
Fairfield,Camas Co. (23)
Glenns Ferry (22)
Gooding H (23)
" (new) (23)
" (old) (23)
Grangeville
" Idaho Co. (3)
Hagerman
" Thousand Springs (23)*
Hailey,Friedman (23)
Hayfield,Tyhee (23)
Idaho Falls A,R (23)
Idahome (23)
Jerome (23)
Kamiah (3)
Kellogg (3)
Knox,Landmark (3)*
Lake,Flying R (6)
Lewiston (3)
McCall (3)
Mackay (23)*
Malad City R A (23)
Montpelier (23)
Mountain Home FM (22)
" AAF (22)
" Site 25,SL-PO (22)
Nampa,Ritchey (22)
Orofino (3)
Paris
" Bear Lake Co. (23)
Parma (22)
" Nyssa (22)
Payette A,FM (3)
Pocatello A,R (23)
" AAF (23)
" University (Ham's) (23)
Preston (23)
Priest River (3)*
Red River Hot Springs Moose Creek (6)
Rexburg (23)
Richfield,Albert (23)
St. Anthony (23)
St. Maries (3)
Salmon (6)
Sandpoint (3)
Shoshone Fly.Bar "S" (23)
Strevell H,A (23)
Tensed
" Tekoa Fly.Club (3)
Twin Falls (23)
Victor (Bennett Fld) (23)*
Weiser (3)

ILLINOIS

Alexander,Negus (35)
Alton,Wadlow (35)
Arcola,Allen (55) (37)
Armington,Medbury (55)

Ashburn LFM (41)
Aurora (139)
Beardstown (35)
Belleville
" Gundlach (35)
" Scott T,R (143)
Bensenville
" Sky Haven (139)
Bloomington (55)
Blue Island,Howell (139)
Blue Mound
" McCoy (55,37)
Bradford H,A (41,37)
Cairo,No.Cairo (87,85)
Carbondale (55,85)
Carmi,White Co. (55)
Carthage (37)
Casey (55)
Champaign (55)
" Univ.of Ill. (55)
Chanute R,T (55)
Charleston (55)
Chesterfield (35)
Chicago R,T (139)
" Ashburn (139)
" Chicago-Orchard Place (139)
Chicago Heights
" Ashland Ave. (139)
Clinton Fly.Club (55)
Dalton City,Moody (55)
Danville (55)
" Vermilion (55)
Decatur (55,37)
" Park District (55)
De Kalb
" Interstate (41)
Des Plaines
" Ravenswood (139)
Dixon (41,37)
East St. Louis
" Parks Metropolitan (35)
" Lakeside (35)
" Parks (35)
Edwardsville (35)
Effingham R,A (55)
" Co. Memorial (55)
Elgin (41)
" Kane County (41)
Elmhurst
" Chicago-Elmhurst (139)
Earlville,Clearview (41)
Fairfield
" B & K Fly.Svc. (55)
Fiatt,Hi-Way (37)
Flora (55)
Franklin Park K,FM (41)
Freeport,Albertus (41)
Galesburg (37)
George (55)
Gillespie,H & S (55,35)
Glenview NAS T,R (41)
" Pal-Waukee (41)
Grayslake (41)
Harvey R (139)
" Rubinkam (139)
Havana,Matansas (37)
Highland-Winet (55,35)
Hillsboro (55,37)
Hinsdale (139)
Homewood
" Washington Park (139)
Hoopeston,Russell's (55)

Horace
" Midway Aviation (55)
Jacksonville (35)
Jerseyville FM (35,37)
Johnsburg Arpk. (41)
Joliet R,A (139)
Kankakee (41)
La Grange,Stinson (139)
Lansing
" Chicago-Hammond (139)
La Salle,Vogel (41,37)
Lawrenceville
" George (55)
Lebanon,Cyril Lebert (55,35)
Lockport
" Lewis-Lockport (139)
Lombard
" York Township (139)
Macomb (37)
Marion (55,85)
" Macarin (55)
Mattoon (55)
Mendota
" Fitzgerald (41,37)
Moline R,T (37)
Momence (41)
Monmouth (37)
Morris (41)
Morton (55,37)
Mt. Carmel
" Beckerman (55)
Mt. Vernon (55)
Murphysboro (55,85)
Muddy,Denis (55)
Nashville (55,37)
Newark FM (41)
Northbrook
" Sky Harbor (41)
Oaklawn,Harlem (139)
Olney,Schilt (55)
Ottawa (41)
Paris (55)
Pecatonica (41)
Pekin (55,37)
Peoria A,R (41,55,37)
" Mt. Hawley (41,37)
Polo-Hamilton (41)
Prairie du Rocher (85)
Presbyterian
" Church #3 (55)
Princeton (41,37)
Quincy (37)
" (new) (37)
Rantoul,Chanute R,T (55)
Roanoke
" Phil-Larry (41,37)
Rochester (35)
" Fleck's Lakeview (55)
Rockford R (41)
" Machesney (41)
St. Charles (139)
St. David (37)
St. Elmo
" Smith Aviation (55)
St.Francisville
" Presbyterian Church #3 (55)
Salem,Leckrone (55)
Sandwich (41)
Scott T,R (35,37)
Shelbyville
" Shelby Co. (55)
Sheldon
" Disosway (41)

Sheldon
" Powell Bros. (41)
South Beloit
" Beloit-So.Beloit (41)
Springfield A,R (55,35,37)
Steger,Will Co. (41)
Sterling (41,37)
Stockton (41)
Streator Air Svc. (41)
Sycamore
" Kishwaukee (41)
Taylorville (55,37)
Tinley Park
" Prosperi (139)
Tuscola,Cooper (55)
Urbana,Illini (55)
Vandalia Mun. (55,37)
Van Orin (41,37)
Warren,Evergreen (41)
Waukegon (41)
" Lake Co. (41)
Wooddale (139)

INDIANA

Advance FM (57)
Anderson (57)
" Ace (57)
" G & C (57)
Angola,Tri-State (43)
Atterbury AAF (57)
Attica (67)
Auburn (43)
Baer (43)
Bargersville (57)
Bedford (57)
" Sky Haven (57)
Bloomingdale
" Port O' the Woods Arpk. (57)
Bloomington (57)
" Campus (57)
" Veterans (57)
Bluffton (43)
Brownsburg (57)
Bunker Hill (57)
Cedar Grove FM (57)
Cedar Lake (41)
Chalmers
" Monticello (43)
Charlestown (57)
Clayton FM (57)
Columbus (57)
" Atterbury AAF (57)
Connersville
" Mettel (57)
Crawfordsville (57)
Crown Point (41)
Culver (43)
Cynthiana
" Straub (55)
Danville,Mecco (57)
Demotte,Cheever (41)
Dyer,Triangle (139)
Elkhart (43)
Elwood (57)
Emison (55)
Evansville R,T (55)
Fort Wayne R (43)
" Baer (43)
" Myers (43)
" Smith (43)
Frankfort,Lockwood (57)
Franklin Fly.Fld (57)
Freeman (57)

French Lick Springs (57)
Gary (139)
" Lakeside (139)
Goshen A,R (43)
" Midway (43)
Greencastle A,FM (57)
Greenfield FM,A (57)
" Farmers (57)
Greensburg
" Templeton (57)
Greenwood
" White Cloud (57)
Hobart,Gamble (139)
Huntingburg (57)
Huntington (43)
" Wake Field (43)
Indianapolis R,T (57)
" Brightwood (57)
" Hoosier-Park (57)
" Shank's (57)
" Sky Harbor (57)
" Stout T (57)
Jeffersonville,Bush (57)
Kentland (41)
Kingman
" Kingman Fly.Svc. (55)
Knox,Starke Co. (41)
Kokomo,Ruzicka (57)
" Mun. (57)
Lafayette R (57)
" Aretz (57)
" Halsmer (57)
" Purdue Univ. (57)
" Reimer (57)
La Fontaine
" Shaffer's (43)
Lagoda,Himes (57)
Lake Village (41)
Lapel (57)
La Porte (43)
Lawrenceburg (57)
Lebanon (57)
Linton (55)
Lizton (57)
Logansport (43)
" Logan (43)
Lowell FM (41)
Madison
" AAF (Jefferson Proving Grds.) (57)
Marion (57)
" West Side (57)
Martinsville (57)
McCool H,FM,A (139)
Medaryville (43)
Michigan City (43,41)
Milroy (57)
Mishawaka
" Sportsman (43)
Monticello (43)
Mooresville,Owen (57)
Morgantown FM (57)
Mount Vernon (56)
Mulberry,Stair (57)
Muncie (57)
" Delaware (57)
" Reese (57)
New Carlisle,Gordon (43)
New Castle (57)
" Western (57)
Noblesville (57)
North Manchester
" Manchester (43)
North Vernon
" St. Anne #2 (57)

(85)-Page number of chart on which these facilities are inscribed.*-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Markle,Ind FM(43) Kendallville, Ind (35) Jeffersonville, Ind, Jeffersonville-New Albany (70). Madison, Ind, Myers (70).

Notre Dame FM (43)
Oaktown,Emison (67)
Ockley (57)
Orleans
" Silent Brook (57)
Perrysville
" Sportsman (67)
Peru (43)
Plainfield, Loy (57)
Plymouth (43)
Portland,Bringham(57)
" Steed (57)
Ramsey, Bush (57)
Rensselaer (41)
" Jasper Co. (41)
Richland
" Ferguson (67)
Richmond, Com. (57)
" Mun. (57)
" East Richmond (57)
Rochester (43)
Rushville
" Howell Bros. (57)
Salem
" Boss -Denien (57)
Scottsburg (57)
Selma
" Huffman Air Svc.(57)
Seymour,Freeman(57)
" Mapleton (57)
Sheridan
" Black Hawk (57)
Shoals,Stiles (57)
South Bend R (43)
" Bendix T (43)
" Cadet (43)
" Chain Lakes (43)
Stout T (57)
Terre Haute R (67)
" Hulman (67)
" Paul S. Cox (67)
Valparaiso
" Urschell (139)
Vevay (57)
Vincennes,O'Neal (67)
Wabash
" Whittenberger (43)
Warsaw, Smith (43)
Washington (67)
" Mun. (67)
Wellsboro
" Triangle Air Svc.(43)
West Lebanon,Cork(67)
Winchester,Coxey's(57)

Yorktown (57)
Zionsville (57)
" Beck (57)
" Moore (57)

[redacted]

Adair (37)
Algona,Squeese (29)
Anita,Dressler (37)
Ames (29)
Armstrong (29)
Atlantic (37)
" (Mun.) (37)
Audubon Arwys (37)
Bellevue (29)
Burlington A,R (37)
California FM (35) (33)
Carroll (29)
Cedar Rapids (37)
" Hunter (37)
Cedar Rapids,Saxon
Centerville (37) (29)
Chariton (37)
Cherokee (28)
Clarinda (37)
Clarion (29)
Clermont (29)
Clinton (37)
Columbus Jct. (37)

Council Bluffs (35)
Creston Arwys (37)
Davenport,Cram (37)
Decorah
" Tatro Flying Svc.
Denison (28) (29)
Des Moines R,T (37)
" Beaver (37)
Dows (29)
Dubuque (29)
Dunlap (35)
Dyersville Arwys (29)
Earlham FM (37)
Eldora,Emmerts(29)
Elkader Arpk (29)
Emmetsburg,Ryan(29)
Estherville (29)
Fiscus, Briggs (37)
Floyd,Henry's (29)
Fort Dodge, Eno (29)
Fort Madison (37)
Garner, Wicks Fld (29)
Glenwood FM (35,33)
Grimes, Dodge (37)
Grinnell, Niederhauser
Airways (37)
Grand Mound,Grand(37)
Grundy Center (29)
Guthrie Center (37)
Hancock FM (35,33)
Harlan (35)
Ida Grove,
" Nicholson (28)
Independence (29)
Iowa City A, H (37)
Iowa Falls (29)
Jefferson (29)
Keokuk (37)
Lake City (29)
Lamoni (37)
Le Mars, Western
Union College (28)
Leon (37)
Lone Tree, Weise
Flying Service (37)

Manning (37)
Marshalltown,
" Niederhauser (29)
Mason City A, H (29)
Mechanicsville,
" McVille (37)
Melbourne (37)
" Commercial (37)
Milford, Fuller (28)
Missouri Valley (35)
Moneta, Thorne (28)
Monroe FM (37)
Montezuma (37)
Mt. Ayr, Mt. Ayrport(37)
Mt. Pleasant (37)
Muscatine (37)
Newton (37)
Ocheyedan, John E
Peters (28)
Onawa,
" Oliver Ranch (35)
Oskaloosa, Roth Fld(37)
Ottumwa (37)
" NAS T (37)
" Venture (37)
Pella (37)

Pocahontas (29)
Randolph (35)
Red Oak (37)
Riceville, Mosher (29)
Rock Rapids,
" McKisick (28)
Sac City (29)
Seymour (37)
Sheldon (28)
Shenandoah (35)
Sioux City R, T (28)
Sloane FM (37)
Spencer (28)
" Hart (28)
Spirit Lake
" Okoboji Airways(28)
Storm Lake (28)
Strawberry Pt.,Good-
rich & Gross (29)
Stuart (37)
Sutherland,Liberty (28)
Traer (29)
Washington (37)
Waterloo (29)
" Canfield (29)
" Chapman (29)
Webster City (29)
Wesley (29)
Winterset (37)

KANSAS

Abilene (33)
" Wright Arpk. (33)
Anthony A, H (81)
Arkansas City (83)
" Baird (83)
Ashland (81)
Atchinson, Hawk's (39)
Atwood (33)
Augusta, Hilltop (83)
Belleville (33)
Beloit, Moritz (33)
Bern (33)
Brewster,
" Eddie Hutton (33)
Caldwell (83)
Cassoday (81)
Cedar Pt., Clothier(33)
Chanute A, R (81)
Clay Center (33)
" Wood Airpark (33)
Coffeyville
" Mun. # 1 (81)
" Mun. # 2 (81)
" Edgewood (81)
" Ferguson Fly.Fld(81)
Colby (33)
Coldwater, Stark (81)
Concordia, Blosser (33)
Derby (83)
Desota FM (39)
Dodge City A, H (81)
" AAF (81)
" Dodge City # 4 (81)
Downs (33)
Edwardsville,Fisher(39)
El Dorado (83)
" Frasier (83)
Ellinwood (33)
Emporia (33)
Eureka (81)
Fairfax T (39)
Ft Leavenworth,
" Sherman T (39)
Ft. Riley,
" Marshall R. T (33)
Fort Scott (85)
Fredonia (81)
Garden City A, R (81)
" AAF (81)
" # 1 (81)
" # 2 (81)
" # 3 (81)
Gardner (39)
Garnett, Mader (37)
Girard (85)
Goodland A, H, (33)
Great Bend AAF (33)
" Airpark (33)
Greensburg (81)
Hays (33)
" Walker (33)
Hazelton,Strickland(81)
Herington (33)
" AAF (33)
Hiawatha, (33)
Hoisington,
" Giffin-Orton (33)
Holyrood (33)
Hutchinson A, R (81)
" Commercial (81)
" NAS (81)
Independence (81)
" AAF T (81)
" # 3 (81)
" # 9 (81)
Iola (81)
Johnson (79)
Kansas City,
" Fairfax T (39)
Kechi FM (83)
Kingman (81)

Kiowa Fly. Service (81)
Lakin, Puckett's (79)
Larkinburg (33)
Larned (33)
Lawrence (39)
Leavenworth
" LeCompton (39)
Lebo A, R (33)
Lenexa, Allman (39)
Lenora (33)
Liberal (81)
" Glenn Martin (81)
Lyons (33)
McPherson (33)
" Janssen Skytell (33)
Manhattan (33)
" Mankan (33)
" Pottawatomie (33)
Mankato (33)
Marion (33)
Marshall R, T (33)
Meade (81)
Medicine Lodge (81)

Moundridge (33)
Newton (83)
Norton (33)
Oberlin (33)
Olathe, Hall's (39,37)
" NAS R, T (39,37)
" OLF # 2 (39, 37)
" OLF # 4 (39,37)
" OLF # 7 (39,37)
" OLF # 9 (39,37)
Ottawa (39)
" Conard (39)
Oxford FM (82)
Paola FM (39,37)
Parsons (81)
Phillipsburg (33)
Pittsburg
" Atkinson (85)
Plains (81)
Pratt (81)
" AAF (81)
Russell (33)
St. Francis (31)
Salina A, (33)
" Sky Village (33)
" Smoky Hill R, T
Satanta (81) (33)
Scott City (33)
Sedan, Walters (81)
Seneca (33)
Sharon Springs (31)
Sherman T (39)
Smith Center (33)
Smoky Hill T (33)
South (81)
Stafford (81)
Stanley, State Line
Arpk. (39)
Summerfield (33)
Syracuse (79)
" Int. (79)
Topeka R, T (33)
" Huntoon (33)
" Phillip Billard T(33)
Towanda FM (83)
Viola FM (83)
Wakefield, Elkins (33)

Walker (33)
Wellington (83)
Wellsville, Gault (39)
Wichita R, T (81,83)
" Arther Airfield (83)
" Beech (83)
" Cannon Ball (83)
" Cessna Aircraft (83)
" Culver (83)
" Ken-Mar Arpk (83)
" Rawdon (83)
" Riverside (83)
" University (83)
" Wilson (83)
Winfield (83)
" South (83)
" Strother (83)

KENTUCKY

Ashland (59)
Bowling Green A, R
Campbell (87) (89)
Covington, Greater
Cincinnati T (57)
Danville, Goodall (57)
Eastwood FM (57)
Fort Knox,
" Godman R, T (57)
Frankfort,
" Silver Lake (57)
Glendale (57)
Godman R, T (57)
Greenville
" Western Ky. (87)
Henderson Arpk. (55)
Hopkinsville
" Campbell AAF (87)

" Garnett (87)
Lebanon (57)
Lexington
" Blue Grass (57)
" Cool Meadow (57)
London
" Jody (91)
Louisville R (57)
" Bowman T (57)
" Riverside (57)
" Standiford (57)
Madisonville (55)
Mayfield
" Graves Co. (87)
Maysville (59)
Middlesboro (91)
Monticello
" Rice (89)
Owensboro (55)
Paducah
" McCracken Co. (87)
" Howell (87)
Paris (57)
Russell
" Abken(59)
Shelbyville
" Shelby (57)
Shepherdsville FM (57)
Somerset (89)
Sturgis (55)
Sulphur FM (57)
Union FM (57)
Warsaw (57)

LOUISIANA

Alexandria A, R (125)
" Esler (121,127)
" McArthur (125)
Arcadia (111)
Barataria FM (127)
Bastrop (111)
" Northeast Aviation
Service (99)
Baton Rouge R (127)
" East Baton Rouge
Parish (127)
" Harding (127)
" Pike Burden Arpk.
(127)
Bogalusa (127)
Camp Polk
" N Camp Polk (125)
" S Camp Polk (125)
Covington (127)
" K-P (127)
Crowley
" LeGros Memr'l(125)
Delhi Flying Service
(111)
De Quincy (125)
De Ridder (125)
Dixie FM (99)
Donaldsonville (127)
Esler (121)
Eunice (125)
Ferriday (111)
Gilbert
" Gardner (111)
Grand Isle (127)
Hammond (127)
Hodge (111)
Houma (127)
Jennings (125)
Lafayette A,H (127)
" Girard (127)
Lake Charles A,R(125)
" AAF (125)
" N Lake Charles(125)
LaPlace FM (127)
Leesville Landing
Strip (125)
Madisonville FM (127)
Mansfield
" De Soto Parish (111)
Many
" Hart (111)
Minden (111)
Moisant Intern'l T (127)
Monroe A,R (111)
" Selman (111)
Natchitoches (111)
Newellton (111)
" Burnside & McDonald
New Iberia
" Iberia Parish (127)
" Texaco (127) (127)
New Orleans FM, R,T
" Alvin Callender (127)
" Chapman (127)
" NAS (127)
" Menefee (127)
" Moisant Inter'l T (127)
New Roads
" False River (127)
North Camp Polk (119)
Oakdale (125)
Opelousas (127)
Patterson
" Harry P Williams
Memorial (127)
Pollock (125)
Ruston (111)
St. Joseph
" Castle (111)
Shreveport R,T (111)
" Barksdale R,T (111)

" Lucien (111)
" Arpk. (99)
South Camp Polk (119)
Tallulah (111)
Winnfield
" David G Joyce (111)
Winnsboro (111)

MAINE

Andover (18)*
Auburn
" Greenlaw (18)
" Lewiston-Auburn (18)
Augusta A,R (18)
Bangor R (18)
" Dow T (18)
Bar Harbor (18)
Belfast (18)
Bethel (18)
Biddeford (53)
Bowdoinham
" Merrymeeting (53)
Brewer
" Doanes (18)
Brunswick
" Douglas (53)
Brunswick
" NAS (53)
" Riverside (53)
Caribou (18)
Deblois Flight Strip (53)
Dexter (18)
Dow T (18)
East Corinth FM (18)
Eastport (18)
Farmington (18)
Freeport
" Stover (53)
Fryeburg Arpk. (18)
Greenville (18)
Houlton A,R(18)
Kennebunk (53)
La Grange
" Bishop Fld. (18)
Lewiston
" Guertin (18)
Limestone FM (18)
Madison
" Weston (18)*
Millinocket A,R (18)
Minot
" Maheux (18)
Newport (18)
Norridgewock (18)
Norway (18)
Old Town (18)
Phillips
" Raymond's (18)
Pittsfield (18)
Pittston (18)
Portland A,R (53)
Presque Isle R,T (18)
Princeton (18)
Rangeley (18)
Rockland (18)
Sanford (53)
Scarboro (53)
Skowhegan
" Tomlinson (18)
South Portland
" Port of Maine (53)
Turner
" Rollins (18)
Waterville (18)
West Buxton
" Hilltip (53)
Winterport
" Roy L. Fernald (18)

MARYLAND

Aberdeen (63)
" Phillips T (63)
Andrews R,T(65)
Annapolis T (63)
" Lee Annapolis (63)
Baltimore R,T (63)
" Martin T (63)
" Pimlico (63)
" Rutherford (63)
Beltsville FM,A (65)
Berwyn
" Capital (65)
Brandywine
" Curtis (65)
Camp Springs T (65)
" Andrews R (65)
Churchville
" Aldino (63)
Clinton
" Hyde (65)
College Park (65)
Croom
" Columbia Air Center
(65)
Cumberland (61)
" Mexico Farms (61)
Doncaster FM (63)
Easton
" Webb (63)
Edgewood Arsenal (63)
Fort Meade (65)
Frederick
" Stevens (63)
" Frederick City (63)
Glenburnie
" Whipp (63)
Greenbelt
" Schrom (65)
Hagerstown (63)
Hyattsville
" Queens Chapel (65)
Meekins Neck FM(63)
Ocean City
" Hickman (63)
Patuxent River R,T(63)
Phillips T (63)
Piney Point (63)
Pomonkey
" Maryland (65)
Priest Point
" Webster T (63)
Riverdale
" Erco (65)
Rock Hall
" Faybrook (63)
Rockville
" Congressional (65)
Salisbury (63)
" Delmarvia (63)
Shady Side (63)
Taneytown (63)
Webster T (63)
Westminister, CAP (63)
Worton
" Andelot.(63)
" Kent (63)

MASSACHUSETTS

Adams (51)
Agawam Land & Sea-
plane Base (51)
" Bowles (51)
Auburn (53)
Ayer (53)
Bedford H,T (53)
Beverly (53)
Billerica
" Shawsheen Pines(53)
Boston R (53)
" Logan T (53)
Brant Rock FM (53)
Brockton (53)
Brookfield (51)
Canton
" Boston-Metro (53)
Chatham (53)
Chicopee Falls
" Westover R,T (51)
Clinton, Bolton (53)
Dedham FM (53)
Dracut,Richardson(53)
East Brookfield (51)
Easton FM (53)
Edgartown (53)
Essex,North Shore(53)
Everett FM (53)
Falmouth, Otis (53)
Fitchburg (53)
Franklin FM (53)
Gardner (51)
Great Barrington (51)
Groton (53)
Haverhill (53)
Hyannis (53)
Lawrence (53)
Leicester (53)
Mansfield (53)
" Clifford Sherman
Memorial (53)
Marlboro (53)
Mendon (53)
Montague
" Turners Falls (51)
Myricks (53)
Nantucket Isl. (53)
New Bedford (53)
Newburyport
" Plum Island (53)
Norfolk
" Franklin-Norfolk(53)
North Adams
" Stevens (51)
Northampton
" LaFleur (51)
" Pilgrim (51)
North Attleboro
" Wilkins Fly.Fld(53)
North Brookfield
" Hiller (51)
North Grafton
" Grafton (53)
Norwood (53)
Oak Bluffs (53)
Orange (51)

Otis (53)
Palmer
" Metropolitan (51)
Peabody FM (53)
Pittsfield (51)
Plymouth (53)
" OLF (53)
Revere (53)
Seekonk
" Providence (53)
South Boston L.FM (53)
Soothbridge (51)
South Easton,Ames(53)
South Weymouth T (53)
Spencer (53)
Springfield (51)
Squantum R,T (53)
Taunton,King (53)
Vineyard Haven
" Martha's Vineyard
(53)
Wareham,Co.Club(53)*
West Barnstable
" Cape Cod (53)
Westboro (53)
Westfield R (51)
" Barnes (51)
Westover R,T (51)
West Springfield (51)
Williamstown
" Fair View Farm (51)
Worcester (53)

[redacted]

Adrian,Adrain City (43)
Allegan (43)

APRIL 15, 1947 (85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Benton,Me, Fernald's (18). Barre Plains, Mass, Hiller (43). Syracuse, Ind. Spink-Wawasee (35).

Alma (43)
Alpena (15)
" Scheidler (15)
Amasa (15)*
Ann Arbor (45)
" Washtenaw (45)
Armada,Center (45)
Atlanta (15)
AuGres (15)*
Baldwin (15)*
Bangor FM (43)
Battle Creek R (43)
" Kellogg (43)
Bay City
" Clements(45)
Belding Flyers (43)
Bellaire (15)*
Benton Harbor
" Twin City-Ross (43)
Big Beaver (45)
Big Lake (15)*
Big Rapids
" Mecosta Co. (43)
Birmingham,Berz (45)
Blaney,Blaney Park(15)
Breedsville (43)
Cadillac H,A (15)
Calumet
" Houghton Co. (15)
Caro (45)
Centerville
" St. Joseph Co. (43)
Charlevoix (15)
Charlotte,Beach (43)
Clare,Doherty (15)*
Clio, West's (45)
Coldwater,Legg (43)
Croswell
" Croswell City (45)
Crystal Falls
" Dr.A.L.Haight (15)
Davison,Seely's (45)
Detroit K (45)
" Burns (45)
" Detroit City T (45)
" Ford (45)
" NAS (45)
" Nat'l Fly.Svc. (45)
" Thomas B.Joy (45)
Douglas
"Saugatuck-Douglas (43)
Dowagiac
" Case Co.Mem'l.(43)
East Jordan (15)*
Eaton Rapids,Miller (43)
Elsie (43)
Escanaba (15)
Farmington
" Krist-Port (45)
Flat Rock,Number (45)
Flint H (45)
" Bishop T (45)
Flushing,Dalton (38)
Fostoria,Forrest (38)
Frankfort (15)
Fraser,McKinley (38)
Galesburg
" Avia.Co.Club (43)
Gaylord,Sky Harbor(15)
" Otsego Co. (15)
Gladwin A,H (15)
Grand Ledge
" Abrams (43)
Grand Rapids R (43)
" Kent Co. (43)
Grayling (15)
" Masons (15)
Greenville
" Montcalm Co. (43)
Harbor Beach
" Poschke's Harbor Beach (15)*
Harrison (15)*
Hartford
" Leach Aero Svc. (43)
Hastings (43)
Hillman (15)
Hillsdale (43)
Holland
" Park Township (43)
Houghton
" Isle Royale Sands (15)
Houghton Heights
" Houghton Lake (15)
Howell (38)
Indian River
" Calvin Campbell (15)*
Ionia (43)
Iron Mountain,Ford(15)
Ironwood,Gogebic (14)
Ishpeming-Dexter(15)*
Ithaca,Johnsons (43)
Jackson H (43)
" Reynolds (43)
Kalamazoo
" Austin Lake (43)
" Lindbergh (43)
Kalkaska (15)*
Kinross (15)
Lakeview (43)
Lansing R (43)
" Capital City (43)
Lapeer (38)
Lawton,Marks (43)
Loretto
"Norway Twnship (15)*
Ludington
" Mason County (15)
Mackinaw City (15)*
Manistee-Blacker (15)
Manistique
" School-Craft Co.
" Steuben (15)*
Marquette Co. (15)
Marshall,Brooks (43)
Mason, Hewett (43)
Menominee Co. (15)
Midland,Barstow (43)
Milan (38)
Mio (15)*
Mt. Clemens
" Selfridge (38) R,T
Mt. Pleasant (43)
Munising,Alger Co.(15)*
Muskegon R (43)
" Muskegon Co. (43)
" Northside (43)
Newaygo (43)
Newberry,Luce Co.
Newport (38) (15)*
" Monroe (38)
Niles (43)
Norway,Northland (15)
Onaway (15)*
Oscoda (15)
Owosso
" Shiawassee Co. (43)
Pellston H (15)
" Emmet Co. (15)
Petoskey,Harb.Spgs(15)*
Plymouth
" Mettetal (38)
" Triangle (38)
Pontiac, Allen's (38)
" Pontiac (38)
Port Huron,Baker's(38)
" St. Clair Co.(38)
Prudenville
" Roscommon Co.(15)*
Raco (15)
Rexton,D.A.R. (15)*
Rogers City
" Presque Isle Co. (15)
Romulus R (38)
" AAF (38)
Roscommon (15)*
Roseville (38)
Rothbury,Oceana (43)
Saginaw A,H (38)
" Barry (43)
" Skyhaven (38)
" Tri City (43)
Saline FM (38)
St. Helen (15)
St.Ignace
" Mackinac Co. (15)
St. James
" Beaver Island (15)*
Saulte Ste.Marie A,R(15)
Selfridge R,T (38)
Sidnaw,Prickett (15)*
South Branch
" Timbers Sky Camp (15)
South Haven,City (43)
Sparta (43)
Sturgis,Kirsch (43)
Tecumseh (38)
Three Rivers
" Dr.Haines Fly.Fld(43)
Traverse City A,R (15)
Utica,Wings (45)
Warren (45)
Watersmeet (15)*
Wayne
"Hartsell Air Term.(45)
" Stinson (45)
West Branch
" La Porte (15)
White Cloud (43)
Wildwood
" Pet-O-Se-Ga (15)
Wixom FM (45)
Wyandotte,Hance (45)
Ypsilanti H (45)
" Gridley (45)
" McEnnan (45)
" Willow Run T (45)

MINNESOTA

Aitkin, Wyman (14)
Albert Lea (29)
Alexandria A,R (11)
Amboy (29)
Anoka Fly.Svc. (14)
Appleton (11)
Austin, Decker (29)
Barnesville FM (11)
Baudette (14)
Bemidji (14)
Benson (11)
Blue Earth (29)
Brainerd (14)
Camp Ripley (14)
Cokato, Anderson (14)
Coleraine (14)
Crookston (11)
Detroit Lakes (11)
Dodge Center
" Pleasant Corners(14)
Duluth R (14)
" Williamson-Johnson (14)
Ely (14)
Fairmont (29)
Faribault (14)
Fergus Falls (11)
Fleming (14)
Frontenac
" Lake City (14)
Graceville (11)
Grand Rapids (14)
" Otis Lodge (14)
Hamel FM (14)
Hastings FM (14)
Hector (14)
Hibbing (14)
Jordan FM (14)
Kenyon (14)
Le Sueur (14)
Little Falls
" Camp Ripley (14)
Littlefork (14)
Litchfield (14)
Luverne
" McDowell Sky Ranch (28)
Madison (11)
Mankato (14)
Marshall (11)
Mayer
" Sells Flying Fld.(14)*
Minneapolis R (14)
" Cedar (14)
" Flying Cloud (14)
" Victory (14)
" Wold Chamberlain T (14)
Montevideo (11)
Monticello (14)
Morris (11)
New Brighton
" Univ. of Minn. (14)
Nisswa
" Heywood Gull Lake (14)
New Ulm (14)
Ortonville (11)
Ossco Landing Fld.(14)
Owatonna (14)
Park Rapids (11)
Pipestone (28)
Princeton (14)
Redwood Falls (11)
Robbinsdale (14)
Rochester R,T (29)
St. Cloud
" Whitney Mem'l. (14)
St. Paul (14)
St. Peter (14)
Sherburn (29)
So. St. Paul
" Fleming (14)
Stanton,Carleton(14)
Taylor Falls (14)
Thief River Falls (11)
Tofte,Gervais (14)
Triumph,Tri-Mont (29)
Virginia (14)
Wadena (11)
Waseca (14)
Westbrook (11)
White Bear Lake
" Northport (14)
Willmar R,A (11)
Winona (14)
Worthington (28)

MISSISSIPPI

Aberdeen,Stinson(113)
Batesville (85,113)
Biloxi,Keesler R,T (127)
Brookhaven,Ulmer (111)
Canton, Lee (113)
Clarksdale (85)
" Fletcher (85)
Cleveland (111)
Columbus (113)
" Masonic (113)
Corinth (87)
Ellisville (127)*
Eupora (113)
Flora FM (113)
" Childress (111)
Florence FM (121,113)
Forest (113)
Glen Allan,Skinner(111)
Greenville, Mun. (111)
" Cypress (111)
" Dixie Dusting Co(111)
" Greenville AAF(111)
Greenwood R (102,113)
" Mun. (102,113)
" AAF (102,113)
Grenada (113)
Gulfport AAF (127)
" Mun. (127)
Hattiesburg
" Glendale (127)
" Hattiesburg AAF(127)
Heads, Cole (111)
Houston (113)
Jackson R,T (121,113)
" Augustine(102)*(113)
" East Jackson(121,113)
" Hinds Co. (111)
" North Jackson (102)
Laurel (127) (113)
Leland (111)
" Lakeview (111)
Louisville Air Svc.(113)
McComb (121,127)
McLaurin (127)
Marks (85)
Meridian R (113)
" Bonita (113)
" Key (113)
" Lauderdale Civil (113)
Moorhead,Everett(111)
Natchez (111)
" Sharpe (111)
Nesbitt FM (85)
Newton,O'Keefe (113)
Oxford (85,113)
Pascagoula
" Jackson Co. (127)
Pelatchee FM (113)
Picayune (127)
Rockport (121,113)
Starkville (113)
" Oktibbeha (113)
Stinson (113)
Tupelo
" Carrol Cone(102,113)
Tylertown (121,127)
Vicksburg A,H (111)
Walls,Sanders (85)
Winona (113)
Yazoo City,County (111)
Yokena
" LeTourneau (111)
Zeiglerville (102,113)

MISSOURI

Advance A,R (87,85)
Bethany,Fordyce (37)
Bolivar (85)
Boonville (37)
Bowling Green (37)
Branson (85)
Butler (37)
Cabool (85)
Cameron (37)
Campbell,Ramsey (85)
Cape Girardeau
" Cape Commercial (87,85)
" Harris (87,85)
Carthage (85)
Cassville (85)
Charleston (87,85)
Chillicothe H A (37)
" Bailey's (37)
Clinton (37)
Columbia R,A (37)
Craig (35)
Diamond (85)
Ellisville (35)
Excelsior Spgs FM (37)
Farmington (85)
" Fly. Service (85)
Fayette Fly.Fld. (37)
Fenton,
" Sylvan Beach (35)
Festus, Lucas (35)
Fulton (37)
Gallatin,Daviess (37)
Garden City,Wright(37)
Gideon (87,85)
Grant City
" Edwards Arpk (37)
Gravois Mills
" Mel Adkins Resort (37)
Hannibal (37)
Harrisonville (39)
Houston, King (85)
Iberia, Eads (37)
Independence (39)
Jefferson City (37)
Joplin A,R (85)
Kansas City R,T (39,37)
" Heart of America(39)
" Kans.City (37)
Grandview (39)
" Ong (39)
Kennett (85)
" Sexton (85)
Kirksville A R (37)
" Arpk (37)
Kirkwood,Weiss (35)
Knobnoster
" Sedalia (63)
Lebanon (85)
Lexington (37)
Linkville FM (39,37)
Luray (37)
McBride,Chester (85,85)
Machens (35)
Malden AAF (87,85)
" Dexter (87,85)
" Gideon (87)
Marceline (37)
Marshall H,A (37)
" Nicholas (37)
Maryville (37)
Mexico,Green (37)
Moberly,Bradley(37)
Monett (85)
Neosho (85) com.
" mun. (85)
Neubeiser (35)
Nevada (85)
New Florence H,A (37)
Osborn (39)
Popular Bluffs,Earl(85)
Rolla (85)
St.Charles,Kratz(35)
" St. Charles (35)
St.Joseph R (39,37)
" Rosecrans T (39,37)
St. Louis R (36,37)
" Black Walnut (35)
" Creve Coeur (35)
" Lambert-St.Louis T (35)
" Ross (35)
" Neubeiser (35)
" Starling (35)
St. Peters FM (35,37)
Savannah (31)
Sedalia (37)
" AAF (37)
Sikeston
" Harvey Parks (87,85)
Slater (37)
Spanish Lake K,FM (35,37)
Springfield A,R (85)
" McFarland Fly.Svc. (85)
" Queen City (63)
Tarkio H,A (33,35)
Trenton,Vaughn (37)
Unionville Arwys (37)
Valley Park
" Meramec (35)
Versailles (37)
Vichy R A (37)
Warrensburg (37)
West Plains
" Sky Haven (85)
Windsor,Huston (37)

MONTANA

Alberton FM (6)
Baker (10)
Belt FM (6)
Big Timber (7)
Billings R,T,LFM (7)
Birney
" Bones Bros Ranch
Bozeman R (6) (7)*
" Gallatin (6)
Butte A,R (6)
Cascade FM (6)
" Bob Gordon (6)
Chester (6)
Chinook (7)*
Choteau (6)
Circle (7)
Columbus (7)
Conrad (6)
Custer R,A (7)
Cut Bank A,R (6)
Deer Lodge (6)
Dell Flight Strip (6)
Denton (7)
Dillon R,A (6)
Drummond R,A (6)
Ennis (6)*
Eureka (3)
Flathead Nat'l Forest
" Basin Creek (6)*
" Big Prairie (6)*
" Black Bear (6)*
" Condon (6)*
" Holbrook (6)*
" Meadow Creek (6)*
" Schaeffer (6)*
" Spotted Bear (6)*
Forsyth (7)
Fort Benton (6)
Fort Peck (7)
Gardiner (6)
Gates Park (6)*
Geraldine,Tanner (6)
" Geraldine (6)
Geyser (6)
Glasgow,Valley Co.(7)
Glendive (10)
Great Falls R,T (6)
" AAF T (6)
Gregson
" Rainbow Skyport(6)
Hamilton (6)
Hardin
" Big Horn Co. (7)*
" Zelka (7)*
Harlem (7)
Harlowton (7)
Havre City-Co. (7)
Helena R,T (7)
Homestake LFM (6)
Hot Springs (6)*
Huson,Six Mile (6)*
Ingomar (7)*
Jordan (7)*
Kalispell (6)
" Flathead Co. (6)
Lavina (7)
Lewistown A,R (7)
Libby (3)
Livingston A,R (6)
" Int. (6)
Malta Arpk (7)
McDonald FM (6)
Mildred (7)
Miles City A,R (7)
Missoula R (6)
" Hale (6)
" Missoula Co. (6)
Moore (7)
Mullan Pass R (3)
Nibbe FM (7)
Park City FM (7)
Plains (6)
Plentywood (10)
Polesbridge
" Quarter Circle M.C. Ranch (6)
Polson (6)
Poplar (7)*
Rapelje (7)
Red Lodge (7)
Roundup (7)
St.Xavier (7)
Scobey (7)
Seeley Lake (6)*
Shelby,Toole Co.(6)
Sheridan (7)
Sidney (10)
Stanford FM (6)
Stevensville (6)
Superior R,A (6)
Tampico,Eickart (7)
Thompson Falls (3)
Townsend (6)
Troy (6)*
Twin Bridges (6)
Valier (6)
Vida, Vine (7)
West Yellowstone (6)
Whitehall R,A (6)
Whitetail FM (6)
White Sulphur Spgs (6)
Winston FM (6)
Wolf Point (7)
" Gustafson-Anderson (7)

NEBRASKA

Ainsworth (28)
Alliance AAF (27)
" Mun. (27)
Atkinson (28)
Auburn (35)
Bayard (31)
Beatrice (33)
Beaver City,Hewett's(33)
Benkelman (33)
Big Springs (31)
Blair (35)
Brainard (33)
Broken Bow (33)
Bruning (33)
" Hawks (33)
Chadron H,A (27)
Chappell (31)
Clay Center (33)
Columbus (33)
Cozed,100th Meridian
Crawford (27) (33)
Crete (33)
David City (33)
Decatur,Eagleton (35)
Elgin (33)
Fairbury (33)
Falls City (35)
Fort Robinson (27)
Fremont (33)
Geneva,Fairmont (33)
Gordon (27)
Gothenburg (33)
Grand Island R (33)
" Central (33)
Harvard (33)
Hastings (33)
" Sky Ranch (33)
Hayes Center R,A (33)
Hay Springs (27)
Hebron (33)
Holdrege (33)
Humboldt,Hew's (35)
Imperial (33)
Kearney (33)
" AAF H,T (33)
Lexington (33)
Lincoln A,R (33)
" Arrow (33)
" Union (33)
" Waverly (33)
Lorenzo (31)
McCook (33)
" AAF (33)
Mead FM (33,35)
Mitchell (31)
Norfolk (33)
North Platte R (35)
" Lee Bird (27)
Offutt T (35)
Ogallala (31)
Ohiowa (33)
Omaha R,T (33,35)
" Clear Ridge (35)
" Offutt T (30)
Ord (33)
Oshkosh (31)
Overton (33)
Pender (28)
Potter,Idle Acres (31)
Republican City (33)
Rushville,Modisett(27)*
Schuyler (33)
Scottsbluff R,A (31)
Scribner (33)
Seneca (27)
Sidney H,A (31)
" Schwartz-Johnson (31)
Stuart,Skrdla (28)
Tecumseh (35)
Valentine (27)*
Valley (35)
Wayne (28)
Weeping Water
" Steckley Co. (35)
West Point (33)

NEVADA

Alamo,Pahranagat(75)
Austin (22,73)
Battle Mountain A,R (22)
" Flight Strip (22)
Boulder City (54)
Buffalo Valley (22)
Caliente (75)
Carlin FM (22)
Carson City (73,22)
Crystal FM (75)
Deeth FM (22)
Elko R (22)
" Keddie (22)
Ely, Yelland (23)
Fallon A,R (73,22)
" Lahontan (73,22)
Fernley (73,22)
" Lahontan (73,22)
Gabbs (73)
Genoa,Tahoe Sky Harb.
Goodsprings FM(75) (73)
Hawthorne (73)
Humboldt R,A (22)
Indian Springs (75)
Las Vegas T,R (75)
" Alamo (75)
" Ranch Club (75)
" Sky Haven (75)
Lovelock (22,73)
" Int. (22,73)
Manhattan (73)*
Minden
" Douglas-Tahoe (73)
Mormon Mesa (75)
Orovada (22)*
Owyhee (22)
Reno R A (73,22)
" Hubbard T (73,22)
Scottys (73)
Searchlight (75)
Smith,Smith Val'y (73)
Sparks (22, 73)
" Reno Sky Ranch (22,73)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Tutwiler, Miss. L.B. Strange Flying Service (111) Maple Rapids, Mich. (35) Paw Paw, Mich. (35) Aitkin Mun, Minn (14). Grace, Miss. Woodside (111). Comstock Park, Mich, Grand River (35). Lulu,Miss. Bass (85)
Philadelphia, Miss. Friendly Flying Service (123) Brookfield,Mo. Bailey's (37) Springfield,Mo. Rogers (85)

Tonopah A,R (73)
" AAF (73)
" Bomb.& Gun.Rng (73)
Ventosa (23)
Wadsworth FM (22)
Wells (23)
Winnemucca (22)
" Int. (22)
Yerington (22,73)

NEW HAMPSHIRE

Berlin (18)
Boscawen FM (53)
Claremont (51)
Concord R, A (53)
" Merrimack Bay (18)
Greater R,T (53)
Haverhill,Mem'l.(18)
Hampton (53)
Hinsdale,Brattleboro Hinsdale Arpt. (51)
Hooksett Land & Seapl. **Keene** (51) (53)
" Dillant-Hopkins (51)

Laconia (53)
Lebanon A,H (51)
Littleton, Lewis (18)
Manchester,Grenier R,T (53)
Nashua, Boire (53)
" **Gate City Arpk (53)**
"**Webster Arwys (53)**
Newport (51)
North Conway, White Mountain (18)
Plymouth (53)
Portsmouth (53)
Sommersworth,Wayside **Twin Mtn.** (18) (53)
Whitefield (18)
Wolfeboro,Lakes Region (53)

NEW JERSEY

Adamston,Ocean Co.
Almonesson (65) (67)*
Andover,Trinca (67)
Asbury Park FM,A (67)
Ashland,Echelon (65)
Atlantic City (67)
" **NAS T (67)**
Auburn,Woodstown (63)
Barrington,Merrill (65)
Basking Ridge Sommerset **Hills** (67)
Belmar,Monmouth Co(7
Belvidere,Martins Creek (49)
Bendix,Teterboro T (67)
Blairstown,Lake Susquehanna (48,67)
Boonton,Acft Rdo Corp.
Bridgeport (65) (67)
Bridgeton,Buck's (63)
Burlington (65)
Caldwell-Wright T (67)
Camden, Central (65)
Cape May (67)
" Courthouse Smith(67)
Cassville LFM (67)
Chatsworth,Coyle (67)*
Clarksville,Nassau(67)
Clinton,NW Jersey (67)
East Hanover (67)
Elizabeth LFM (67)
Forked River A,FM(67)
Fort Dix (67)
Freehold FM (67)
Glassboro,Triangle(65)
Greenwich (63)
Hackettstown (67)
Hightstown (67)

Lakehurst R,T (67)
Lakewood (67)
Landisville,Downstown
Lebanon FM(67) (67)
Lincoln Park (67)
Marlton-Medford (65)
Matawan R (67)
Metuchen FM (67)
Millville A,R (63)
Moorestown (65)
Morristown (67)
Newark R,T (67)
New Brunswick,Hadley (67)
North Brunswick (67)
Ocean City,Clarke(67)*
Paterson,Murchio (67)
Pennington (67)
Penns Grove (63)
Pitman (65)
Pittstown,Alexandria(63)
Princeton (67)
Rahway,Westfield (67)
Readington,Solberg-Hunterdon (67)
Red Bank (67)
Richland,Cavolios (67)
Salem (63)
Sommerville,Somerset Sussex (51) (67)
Trenton (67)*
" Mercer Co.(old)(65,67)
" Trenton (new)(65,67)
Vineland,Kroelinger(63)
Wildwood (67)
Woodbury (65)
Woodbine (67)
Woodbridge,Shinn-Woodbridge(67)
Wrightstown,Ft.Dix(67)

NEW MEXICO

Acomita A,R (77)
Alamogordo A,R (103)
" AAF (103)
Albuquerque A,R (79)
" Alameda (79)
" Cutter-Carr #2(79)
" Graham Bell (79)
" Kirtland T (79)
" Sky Court (79)
" West Mesa (79)
Anton Chico (79)
Artesia (103)
Aztec (77)*
Belen FM (79)
" Art Goebel (79)
Bernno,Valley (103)
Carlsbad A,R (103,119)
" Mun. (103,119)
" Carlsbad #1(103,119)
" John J. Small(103,119)
" Tracy (103,119)
Carrizozo (103)
Clayton (79)
Clovis R,A,H (79)
" AAF T, (79)
" Hillcrest (79)
Columbus R,A (103)
Cubero (77)
Cuervo (79)
" Holbrook's (79)
Deming Arpk (103)
" AAF (103)
" Deming South (103)
" Deming Ctr. (103)
Dora (105)
Eagle Nest (79)
El Morro R,A (77)
Engle R,A (103)
Farmington (77)
Ft. Sumner (79)
" #5 (79)
Gallup (77)
" Gallup City (77)
Hachita (103)
Harrington Ranch FM (87)
Hobbs R,A (105,119)
" AAF T (105,119)
" Me-Tex (105,119)
Hot Springs (103)
Hurley (103)
Jal, Continental (105,119)
Juan Tomas FM (79)
Las Cruces (103)
" Mun. (103)
" Int. (103)
Las Vegas A,R (79)
Lordsburg (101,103)
Lovington (105)
Magdalena (103)
Maxwell A,FM (79)
Mesilla Park,State College (103)
Mulnesand,Fly.M.(105)
Mountainair (79)
Mt. Riley (103)
Otto R, A (79)
Peralta FM (58)
Portales (105)
Raton, Crews (58)
Rodeo R,A (101,103)
Roswell (103)
" Com. (103)
" B& B (103)
" AAF R,T (103)
" AAF #3 (103)
Roy (79)
Ruidoso,Parker (103)
" Flying Svc. (103)
Santa Fe (new) H,A
" (old) (79) (79)
Shiprock,Indian Svc
Silver City (103) (77)*
" Whitehill(103)
Socorro (103)
Strauss, Jundt (103)
Taos (79)
Tucumcari A,R (79)
Tularosa (103)
Wagon Mound (79)

NEW YORK

Accord (51)
" Cliff Haven (51)
Albany A,R (51)
Amityville,Zahns (67)
Angola A,FM (47)
Amsterdam (51)
Arcade (47)
Armonk,Westchester
Auburn (49) (51)
Auriesville FM (51)
Ballston Spa (51)
Batavia (47)
Bayport,Davis (67)*
Bedford,White (51)
Beekman,Lime Ridge (51)
Bethpage,Grumman T (67)
Billings,Freedom Plains (51)
Binghamton (49)
Blasdell-Hayes (47)
Boonville (49)
Brentwood,Bender (67)*
Buffalo R,T (47)
Canastota (49)
Carlisle,Briggs (51)
Carthage (49)
Catskill Valley (51)
Cheektowoga FM (47)
Cicero (49)
Clarence,Co.Club(47)
Colonie FM (51)
Commack,Carll Skyport
Cooperstown (51) (67)
Cortland (49)
Dansville A,H (49)
Deer Park (79)
Delanson,Sky Haven(51)
Depew,Transit (47)
Dunkirk A,H (47)
" Werle (47)
E.Amherst,Steffen(47)
E. Greenbush (51)
E. Hampton (51)
E. Pembroke FM (47)
Edgemere,Rockaway(67)
Elizabeth (51)
Elmira R (49)
" Chemung Co. (49)
" Pine City (42)
Endicott,Tri-Cities T
Falconer (47) (49)
Farmingdale,Republic T (67)
Fisher's Isl,Elizabeth
Flatbush K,FM (67) (51)
Flushing (67)
Floyd Bennett R,T (67)
Fort Plain,Stone Arabia
" Int. (51) (51)
Fredonia (47)
Fulton (49)
" Arpk (49)
Gardenville,Buffalo(47)
Geneva,Mason (49)
Getzville,Audubon (47)
Glens Falls H,A (51)
" Warren Co (51)
Gloversville,Glove City
" Steenburgh(51) (51)
Gowanda (47)
Greenridge,Hughes (67)
Halcott Ctr,Halcott(51)
Hamburg Arpk (47)
" Erie Co. (47)
Hamilton,Colgate U.(49)
Hammondsport,Mercury
Hancock (49)* (49)
Hempstead,Mitchel R,T
" Nassau • (67)
Herkimer,Hayduk (51)
Hicksville Arpk. (67)
" Avia.Co.Club (67)
Hilton (49)
Honeoye Falls (49)
Hornell (49)
Horseheads,Eagle (49)
Idlewild R (67)
Islip,MacArthur T (67)
Ithaca (49)
" Cayuga (49)
Jamestown (47)
Johnstown,Vaughan (51)
" Fulco (51)
Keene, Marcy (18)*
Keeseville (18)
Kingston (51)
" Kingston-Ulster (51)
Kirksville (49)
Lake Placid (18)
Lancaster, Scott (47)
Livingston,Manor (51)
Lockport,Graf (47)
" Lee (39)
Mahopac (51)
Malone-Dufort (18)
Margaretville-Fleischman (51)
Massapequa
" Fitzmaurice (67)
Massena A,R (18)
" Stewart (18)
Mastic (67)
Mattituck (51)
Medina (47)
Medway FM (51)
Mexico,Ladd's (49)
Middleburg,Valley (51)
Middletown,Randall's(51)
" Starhaven (51)
Millerton (51)
Mineola,Roosevelt (67)
Minoa (49)
Mitchel R,T (67)
Montgomery (51)
" US Mil.Acad.#1 (51)
Monticello-Sullivan Co. (51)
Montour Falls,Martin(49)
Moravia (49)
Narrowsburg (49)
Newark (49)
New Baltimore,Farly's (51)
Newburgh,Stewart R,T(51)
" Stanton's Newburgh Cub Port (51)
New City,Christie (51)
" Rockland (51)
New Hackensack A,R(51)
New Paltz (51)
New Rochelle K,FM (67)
New Springville,Staten Island (67)
New York NAS,Floyd Bennett R,T (67)
" La Guardia R,T (67)
Niagara Falls T (47)
North Tonawanda,Co. Line (47)
" Shawnee Fly Svc (47)
Northville,Sacandaga Park (51)
" Plateau (51)
Norwich, Warren Eaton
Nyack,Miller (51) (49)
Ogdensburg (18)
Olcott, Palmer (47)
Olean (47)
Oneonta,Keyes (49)
Owasco,Bonnie Brae
Painted Post (49) (49)*
" Costa's (49)

Peekskill,Croton (51)
Penn Yan (42)
Perry Central (47)
" Fly.Svc. (47)
Piseco (51)
Pittsford,Brizee(49)
Plattsburg,mun.(18)
Port Chester FM(67)
Port Jervis,Huguenot (51)
Potsdam,Damon (18)
Poughkeepsie,
" Arlington (51)
Pulaski (49)
Ravena (51)
Red Creek (49)
Rexford,Long Meadow (51)
Rhinebeck, Cozine (51)
Richland (49)
Richmondville
" Schoharie (49)
Ripley (47)
Rochester R,T (49)
" Com. (49)
" Meacham-Genesee
" Hylan (49) (49)
" Ridgeway (49)
Rockaway Park LFM
Rome T (49) (67)
Rushville (49)
Salamanca (47)
Saranac Lake (18)
Saratoga Spgs FM (51)
Sayville (67)*
Schenectady Co. (51)
" Intercity (51)
Schuylerville (51)
Scottsville (49)
Selkirk (51)
Seneca Falls (49)
Sidney (49)
Silver Creek (47)
Silver Springs (47)
Somers (51)
Springville (47)
Spring Valley (51)
Stewart R,T (51)
Stormville (51)
Syracuse A,R (49)
" Mun. T (49)
Ticonderoga (51)
Tonawanda (47)
Travis,Richmond Co.
Troy (51) (67)*
Tupper Lake (18)*
Utica A,R (49)
" Smithport (49)
Valley Stream,Columbia (67)
Walden-Newburgh-Walden (51)
Wallkill,US Mil.Acad. #2 (51)
Wappingers Falls (51)
Warwick-Wickham (51)
Watertown (49)
" Bradley (18)*
Wellsv'l,Crowner(49)
Westfield (47)*
Westhampton Beach
" Suffolk Co. (51)
Westport (18)
White Plains,
" Westchester Co.T
Whitesville, (51)
Community (49)
Williamsville,Sheridan
Wingdale (51) (47)
Wolcottsville FM (39)
Wurtsboro (51)

NORTH CAROLINA

Aberdeen (93)
Albermarle,Stanley (93)
Asheboro (93)
Asheville-Hendersonv'l
" Josephson(91) (91)
" Owens (91)
Atlantic (95)
Aydelette FM (95)
Barco (95)
Beaufort-Morehead Balloon #1 (93) City (95)
Belmont (93)
Black Mountain (91)
Bogue T (95)
Brevard,H & H (91)
Burgaw (95)
Burlington (93)
" Fairchild (93)
Camp LeJeune T (95)
Camp MacKall (93)
Candor (93)
Carolina Beach(95,117)
Chadbourn Duke (93)
Chapel Hill, Wms.(93)
" Hogan (93)
Charlotte R (93)
" Cannon (93)
" Delta (93)
" Douglas T (93)
" Plaza (93)
Cherry Point R (95)
" MCAS T (95)
Clinton (95)
Concord (93)
" Coley (93)
Derita,Brockenbrough
Draper,Tri-City(93) (93)
Durham (93)
" Pharis (93)
Eagle Spgs.Parkers (93)
Edenton FM,A (95)
Elizabeth City T (95)
" Woodville (95)
Elkin (93)
Erwin (93)
Fayetteville (93)
Ft.Bragg,Balloon (93)
" Pope R,T (93)
Franklin (91)
Gastonia
" Mun. (93)
" Spindle City (93)
Gibsonville,McLean
Goldsboro Bros (93)
" Seymour-Johnson
Greensboro R (93) (95)
" High Point T (93)
" Routh (93)
Greenville (95)
Henderson (95)
Hendersonville (91)
Hickory (93)
High Point,Fraley (93)
Hoffman,Camp MacKall AAF (93)
Jacksonville (95)
Julian,Gilmore #1 (93)
Kannapolis (93)
" Carolina Arpk (93)
Kings Mtn (93)
" Bridges (93)
Kinston (95)
" Piney Grove (95)
" Smith (95)
Laurinburg,Pine Acres
Lexington (93) (93)
Lillington (93)
Lincolnton (93)
" Burris (93)
Louisburg,Franklin(95)
Lumberton (93)
Manteo FM (95)
" Roanoke Isl. (95)
Marion,Francis Marion
Maxton,Laurinburg-Maxton (91) (93)
Mayodan, Mayo (93)
Micaville (91)
Mocksville (93)
Monroe (93)
" Mun. (93)
Mooresville,Harris (93)
Morganton (91)
" Lenoir (91)
Morehead (95)
Mt. Airy (93)
" Colonial (93)
Mt. Olive (95)
New Bern FM(95)
" Simmons-Knott (95)
New River,Camp Le Jeune T (95)
Newton,Conover (93)
North Wilkesboro (93)
Oak Grove T (95)
Oxford,Young (93)
Pinehurst,Knollwood(93)
Polloksville,Oak Grove
Pope R,T (93) T (95)
Raeford,Upchurch (93)
Raleigh A,R (93)
" C.A.P. (93)
" Raleigh-Durham T(93)
Red Spgs, Brooks (93)
Reidsville (93)
" Warf (93)
" Rapids Halifax Co.(93)
Rockingham-Hamlet (93)
Rocky Mount (95)
" Avalon (95)
Roxboro (93)
Salisbury (93)
Sanford Lee Co. (93)
Selma (95)
Seymour-Johnson (95)
Shelby,Byers (91)
Silver City,Gilmore (93)
Southern Pines,Skyline (93)
South Mills FM (95)
Spindale,Rutherford(91)
Statesville (93)
Sylva (91)
Tarboro (95)
Thomasville (93)
" Paul's Arpk. (93)
Wadesboro (53)
Wallace (95)
Warrenton (95)
Washington (95)
Weeksville R,T (95)
West Jefferson (91)
White Lake,Beach(95)
Whiteville (93)
Wilmington Arpk(95,117)
" Bluethenthal(95,117)
" Pelffer (95,117)
Wilson (95)
Wingate,McLeod (93)
Winston-Salem R (93)
" Smith Reynolds T (93)
Yanceyville,Caswell(93)
Zebulon (95)

NORTH DAKOTA

Abercrombie (11)
Ashley H, A (11)
Beach (10)
Bismarck A,R (10)
Bowman (10)
Cando (11)
Carrington,Matheny(11)
Crosby (10)
Dawson (11)
Devils Lake (11)
Dickinson A,R (10)
" Worth (10)
Driscoll FM (10)
Fargo R (11)
" Hector T (11)
Fessenden,Mohr (11)
Glen Ullin (10)
Golva (10)
Grand Forks A,R (11)
Harvey (11)
Hettinger (10)
Jamestown A,R (11)
Killdeer, Ilo (10)
Langdon (11)
Lisbon (11)
Minot R (10)
" Port O'Minot (10)
Mohall (10)
Mott, Wyman (10)
New England (10)
New Rockford (11)
Judson FM (10)
Parshall (10)
" Miller (10)
Pembina R,A (11)
Portal (10)
Rhame (10)
Rolla (11)
Rugby (10)
Towner (10)
Valley City (11)
Wahpeton,Sch.of Science
Washburn (10) (11)
Watford City (10)
West Fargo LFM (11)
Wheatland FM (11)
Williston (10)
" Chandler (10)
" Wright (10)
Wyndmere,Homestead (11)

OHIO

Akron A,R (45)
" Akron-Canton (45)
Alliance,Taylorcraft (45)
Amanda,Wolfords (59)*
Archbold H,A (43)
Ashland (45)
Ashtabula (39)
Athens,Ohio Un.(59)
Avon Lake LFM (45)
Barberton,Ling (45)
Bedford (139)
" Ward (139)
Bethel (57)
Bowling Green R **(48)**
" Bricker (45)
Brecksville FM (45)
Brookfield (39)
Bryan,Stombaugh(43)
Bucyrus,Port Bucyrus
Cambridge (59) (45)
Canton, Martin (45)
" McKinley (45)
Chagrin Falls (139)
Chardon (139)
Cherry Fork (59)
Chesapeake,Huntington (59)
Chillicothe, Jones (59)
" Scioto Trail (59)
" Skypark (59)
Cincinnati R (57)
" **Campbell** (57)
" **Chevlot** (57)
" **Lakewood** (57)
" **Lunken T** (57)
" **Mt. Healthy** (57)
" **Paris Watson** (57)
Cleveland **R,T (139)**
" **Brooklyn (139)**
Clinton **Co. T (59)**
Coldwater **(67)**
Columbus **R (59)**
" **Clickenger (59)**
" **Lockbourne T (59)**
" **Norton (59)**
" **Ohio State Un.** (59)
" **Port** Columbus T(59)
" **Price** (59)
" **Sullivant Ave. (59)**
Conneaut (39)
Crooksville (59)
Dayton T,R (57)
" Dahio (57)
" **So. Dayton** (57)
" **Wright** T (57)
Defiance,Bryan-Defiance **Mem'l (43)**
E.Liverpool,Swaney(39)
Elyria A,K,FM (139)
Fairfield R,FM (57)
" Patterson T (57)
Findlay A,H (45)
Fostoria,Snyder **(45)**
Fremont,Slager **(45)**
Galion (45)
Gallipolis,Twin Cities (59)*
Greenford,Holloways (39)
Greenville,Lansdowne
" Treaty City (57) (57)
Grove City (59)
Hamilton (57)
Harrison (57)*
Hayesville H,A (45)
Hicksville,Skinner(43)
Hilliard FM (59)
Hooker,Port Lancaster (59)
Hudson,Mid **City (139)**

APRIL 15, 1947 (85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

New Rochelle, N.Y. FM (67) Toms River, N J. (67) Deming, N. Mex., Skytel (103)

Jackson, Shumate (59)
Kellys Isl., Fenwick(45)
Kent, Kent State (45)
Keston, Cedar Lawn (55)
Lancaster (59)
" Eightman (59)
LeRoy, Westfield (45)
Lewisburg, Midway (57)
Lewistown, Voss (59)
Lima (43)
Lockbourne T (59)
Lorain City (139)
" Lorain Skyport (139)
Loveland FM (57)
Magnolia (59)
Mansfield (45)
" Cage (45)
Marietta (59)
Marion (59)
Mason Attaway (57)
Massillon, Noble (45)
Medina, Prichard (45)
Middletown (57)
Minford, Encre (59)
Montezuma, Lakeview (57)
Morrow, Happy Lodgs (57)
Mt. Liberty FM (59)
Mt. Orab FM (59)
Mt. Vernon, Wynkoop(59)
Nevada, Coons (45)
Newark A, FM (59)
New Holland, Tri-Co.(59)
New Paris
" New Westville (57)
New Philadelphia (59)
North Benton, Miller(45)
Northfield, Sky Haven(139)
North Royalton LFM(45)
Norwalk (45)
" Arpk (45)
" Parks Arpk (45)
Oxford, Miami Univ.(57)
Patterson R, T (57)
Paulding Co. (35)
Perry H, A (45)
Piqua (57)
Port Clinton, Peninsula (45)
Portsmouth, Raven Rock
Put-In-Bay (45) (59)
Reynoldsburg, Snook(59)
Rushsylvania, Port Core (59)
Sandusky, Hinde (45)
Sharonville, Cincinnati
Sidney (57) (57)
Solon (139)
Springfield (59)
" Crabill (59)
Summit Stn LFM (59)
Tiffin (45)
Tiltonsville Scott (74)*
Toledo R, T (45)
" Franklin (45)
" Nat'l Aviation (45)
Toronto (74)
Troy, Waco-Troy (57)
Urbana, Grimes (59)
Van Wert (43)
Vermilion FM, A (139)
Verona FM (57)
Wakeman, Ortner(139)
Wapakoneta
" Port Koneta (57)
Warren, Hall (47)
" Airways (47)
" Port Warren (47)
" Tyndall (47)
Washington Court House, Wash. Arpk(59)
Waterford, Reed's (59)
Vaughn, Grieser (43)
Wellington (140)
Willard (45)
Williamsfield, Sky Harb.
Willoughby (139) (47)
" Chagrin Harbor(139)
" Euclid Ave. (139)
" Lost Nation (139)
Wilmington K (59)
" Clinton Co. T (59)
Woodsfield (59)
Wooster (45)
Youngstown R, T (47)
" Bernard (47)
" Bird (47)
" Watson (47)
Wright T (57)
Zaleski State For. Svc.
Zanesville A, H (59) 69
" Briggs (59)
" Commerce (59)
" Riverside (59)

OKLAHOMA

Ada (81)
" Community (81)
" Walker (81)
Afton, Monkey Isl.(85)
Altus (81)
" Mun. (81)
" Olustee (81)
" Walker (81)
Alva (81)
Anadarko (81)
Antlers (81)
Ardmore A, H (81)
" Int. (81)
Atoka (81)
Bartlesville (81)
" Phillips T (81)
Blackwell (81)
" Marks (81)
Boise City (79)
Buffalo (81)
Calumet, Bomhoff (83)
Carnegie, Dukes (81)
Cherokee, Jimmie Ray
Chickasha (83) (81)
" Mariash (83)
Claremore, Rogers T(81)
Clinton (81)
" Victory (94)
Cordell (81)
Cushing (81)
Delhi (94)
Dill (81)
Duncan, Halliburton(81)
Durant, Comm.(95)
" Eaker (107)
Edmond, Central (83)
Elk City, Bennett (81)
El Reno (83)
" Mustang (83)
Enid (81)
" North (81)
" Woodring (81)
Erick, Haddock (81)
Ft. Cobb, Caddo (81)
Ft. Sill, Post T (81)
Frederick (81)
Gage A, R (81)
Geary (81)
Grandfield (81)
" #3 (81)
Great Salt Plains (82)
Guthrie (83)

Guymon (new) (79)
" (old) (79)
Heavener (85)
Hinton, Kingfish (83)
Hobart (81)
" Hunters (81)
Holdenville (81)
Hugo, Weddington(107)
Idabel (107)
Jefferson, Kittenbrink (81)
Jet, Great Salt Plains(81)
Kingfisher (81)
Lamont, White Bros(81)
Langston, Univ. (83)
Lawton (81)
" Cameron College(81)
" Swain (95)
Lexington, Purcell (83)
McAlester (81)
Mangum, Ponder (81)
Marietta FM (95)
Marlow (83)
Miami (85)
Moore, Wheatley (83)
Moseley, Univ. (85)
Muskogee (81)
" Hatbox-Muskogee(81)
Newall FM (83)
Newkirk, Skypark (83)
Norman, Westheimer(83)
Nowata (81)
Oklahoma City R, LFM, (A) (81,83)
" Garthoeffner (83)
" Nuckols (83)
" Tinker R, T (83)
" Wiley Post (83)
" Will Rogers T (83)
Okmulgee (81)
" Com. (81)
Pauls Valley (83)
Pawhuska (81)
Perry (81)
Picher, Jameson (85)
Ponca City A, H (81)
Post T (95)
Poteau (85)
Pryor, Long (81)
Red Fork FM (62)
Roosevelt (81)
Sapulpa (81)
Sayre (81)
Seminola (81)
Sentinel, Mem'l (81)
Shawnee Mun. (81)
Skiatook FM (62)
South Coffeyville
" Jensen (81)
Stillwater #1 (81)
" #2 (81)
Stilwell (85)
Stroud (81)
Swain (95)
Tahlequah (85)
Thomas, Kell-Air (81)
Tinker R, T (81,83)
Tishomingo (81)
Tonkawa (81)
Tulsa R, T (81)
" Brown (81)
" Commercial (81)
" Harvey Young (81)
" North (81)
Verdigris River FM (63)
Vinita, Topper (81)
Walters (81)
Washington FM (83)
Watonga (81)
Weatherford (81)
Wetumka, Boren (81)
Wewoka, com. (81)
" mun. (81)
Woodward (81)
" mun. (81)
Yukon, Cimarron (83)
" Lake View (83)

OREGON

Albany (2)
Alkaki Lake (22)
Arlington (2)
Astoria, Clatsop Co.(2)
Aurora (141)
Baker A, R (3)
Bay Ocean FM (2)
Beaver Marsh (19)
Beaverton, Bernard(141)
Bend (2)
" old (2)
Boardman (3)
Brooks, Sky Haven (2)
Burns (22)
" Roe Davis (22)
Cabbage Hill FM (3)
Canby (141)
Cave Junction, Illinois
Corvallis (2) (19)*
Corvallis Jct. (2)
Cottage Grove A, FM(19)
Cow Creek (19)
Creswell, B & H (19)
Dallas (2)
" new (2)
Denmark, Curry Co.(19)
Eagle Pt., Blue Star (19)
Enterprise (3)
Eugene R, A (2)
" Mahlon Sweet (2)
" Williametto (2)
Grants Pass (19)
Gresham, R.O.K.(141)
Harrisburg (2)
Hermiston (3)
Hillsboro (141)
Hood River (2)
Idanha, Santiam Jct.(2)*
Joseph (3)
Klamath Falls A, R (19)
La Grande A, H, FM (3)
Lakeside (19)
Lakeview (19)
Lebanon (2)
Lexington (3)
McNary (2)
Madras (2)
McMinnville (2)
Medford R, A (19)
" AAF T (19)
" Piercy (19)
Milton, Oregon Sky Ranch (3)
Milwaukee, Wells(141)
Monmouth, Adams (2)
Mulino, GreenAcres (141)
Myrtle Creek (19)
Newburg, Sportsman(141)
Newport (2)
North Bend (19)
Ontario H (3)
Oregon City, Sky Park
Pendleton R, T (3) (141)
" Airways Inc. (3)

Portland R (2,141)
" AAB T (141)
" Dwyer (141)
" Birdsdale (141)
" Troh's Skyport (141)
Prineville (2)
Redmond R (2)
" Roberts (2)
Riddle, Tri-City (19)
Rome (22)
Roseburg (19)
Scappoose, Columbia Co
Silverton, Adams(2) (141)
Sutherlin, Sky Ranch(19)
Sweet Home, Langmack
The Dalles A, R (2) (2)
Tillamook R, T (2)
" Coastway Sch. (2)
Trail FM (19)
Troutdale (141)
Vale (22)
Vernonia (2)
Wasco (2)
Willamette FM (2)
Woodburn, Barrett-Schuler (141)
Worden (19)

PENNSYLVANIA

Allentown R (49,63)
" Bethlehem (49,63)
" Convair (63)
Altoona R (61)
" Stultz (61)
Ambler, Wings T (65)
Andreas, E. Penn (49)
Annville, Millard (63)
Athens, Chemung Val'y
Beaver Falls (49)
" Patterson Hgts (47)
Bellefonte (49)
Bloomsburg (49)
Boothwyn FM (63)
Bradford, Harri-Emery
" McKean Co.(47) (47)
Bristol, Kaiser (65)
Brockway (47)
Brookville H, A (47)
Buckstown (61)
Butler-Alameda (47)
" Pittsburgh-Butler
Canadensis, Barrett(49)
Campbellt'n, Reigel(63)
Carlisle FM, A (63)
" Centerville (63)
Cecil FM, K (61)
Chambersburg (63)
" Sunset Arwys (63)
Charleroi, Star Val'y (61)
Chester, Benedict (65)
" Buckman (65)
Clarion, Parker Cramer
Clearfield (47) (47)
Coatesville (63)
Collegeville,
" Perkiomen (65)
Conneaut Lake (47)
Connellsville (61)
Conway (47)
Corbett, Cherry Spgs. (49)
Corry, Port Lawrence
Cresson (61) (47)
Daleville (49)
Danville (49)
Doulgasville, Smilin Jack (63)
Doylestown (65)
Dubois (47)
Duncansville, Altoona
Easton (49) (61)
" Bethlehem-Easton (63)
Ebensburg, Keystone(61)
Elysburg, Shamokin (49)
Emmaus (63)
Erie R (47)
" Port Erie (47)
Fogelsville (63)
Gettysburg (63)
" Doersom (63)
Gordon (49)
Granville, Cargill (63)
Greater Pittsburgh T(61)
Greensburg
" Pittsb.-Greensb.(61)
Greenville (47)
Grove City (47)
Hanover, Devener (63)
Harrisburg R (63)
" State T (63)
" Penn-Harris (63)
Harrison City (61)
Hazleton, Green Acres(49)
" Reifenberg (49)
Hershey (63)
Holmesburg FLM (65)
Hookstown FM (61)
Huntingdon (61)
Indiana, Hamilton (61)
Johnstown (61)
Johnsville T (65)
Kearsarge, Erie City(47)
Kutztown (63)
Kylertown (47)
Lake Carey FM (49)
Lancaster (63)
" mun. (63)
Langhorne, Old Star (65)
Lansdale (65)
Latrobe (61)
Leechburg (61)
Lehighton (49)
Lewistown (63)
Linesville
" Merry's Pymatuning
Lock Haven, Cub (47) Haven (49)
Marchand, Braebreeze
Mars, Perry (47) (47)
Martinsburg, Blair (61)
Matamoras (51)
Meadv'l, Penn-Mead(47)
" Port Meadville (47)
Mercer (47)
Middletown FM (63)
" Olmsted T (63)
Millbrook R (47)
Milton (49)
Mohrsville, Estler(63)
Montgomeryville
" Gloster (65)
Morrisville (65)
" Skyhaven (67)
Mt. Jewett (47)
Mt. Pleasant FM (61)
Mt. Pocono (49)
Mt. Union (63)
Mustin T (78)
Myerstown, Lebanon Co. (63)
New Alexandria A, FM
New Castle (47) (61)
New Hanover (63)
" Layfield (63)
New Kingston, Taylor(63)
New Springfield FM(47)
Nicholson, Mt. View(49)
Norristown, Patco (65)
" Valley Forge (65)
Oil City, Splane (47)
Olmsted T (63)
Olyphant, Mid Val'y(49)
Paoli, Phila. Main Line (63)
Philadelphia, Budd (65)
" Boulevard (65)
" NAAS, Mustin T (65)
" NE Philadelphia R, T
" SW " R, T (65) (65)
" Somerton (65)
Philipsburg R, A (47)
Pine Grove, Swatara Valley (63)
Pitcairn, Pitt-Wilkins
Pittsburgh K, R (61) (61)
" Allegheny T (61)
" Bettis (61)
" Greater Pittsb. T (61)
" Mayer (61)
Pottstown (63)
Pottsville, Schuylkill(63)
Punxsutawney (47)
Quakertown, Grants (65)
" Arpt. (65)
Reading (63)
" Berks (68)
" Madeira (63)
Ridgeway, Green (47)
Salix (61)
Sayre, Valley (49)
Scranton (49)
Selingsgrove (49)
Seven Valleys FM (63)
Slatington FM (49)
Somerset (61)
State College, Air Depot
Stroudsburg (49)
" East Stroudsburg (49)
Summerhill FM (61)
Sunbury A, R, H (49)
Tamaqua (49)
Tarentum, Allegheny Valley (61)
Towanda (49)
Tunkhannock, Skyhaven
Utahville (47) (49)
Vanderfrift (61)
Wallaceton, Albert (47)
Warren (47)
Waynesburg, Greene (61)
Waynesboro (63)
West Chester (63)
Wilkes-Barre R (49)
" Wyoming Val'y (49)
Williamsport A, R (49)
Willow Grove R, T (65)
Womelsdorf (63)
York (63)
" Val'y (63)
Youngsville, Broken straw (47)

RHODE ISLAND

Charlestown T (53)
Greene, Riconn (53)
Newport (53)
Providence R (53)
" Greene T (53)
" Mineral Spgs (53)
Quonset Point R, T(53)
Smithfield (53)
Westerly (53)
Woonsocket (53)

SOUTH CAROLINA

Aiken AAF (117)
" mun. (117)
Allendale, Manning(117)
Anderson A, H (91)
Bamberg, Carlisle(117)
Barnwell (117)
Beaufort (117)
Bennettsville, Palmer
" Rowe (93) (93)
Calhoun Falls, Bentley (91,125)
Camden, Woodward (93)
Charleston R, T(117)
" Carolina Skyways(117)
" Clark (117)
" John's Isl. (117)
" Truluck (117)
Cheraw, Bellinger(93)
Chesnee (91)
Chester, mun. (93)
Columbia R, A (117)
" Congaree (117)
" Lexington Co. (117)
" Owens T (117)
Congaree (117)
Coronaca (117)
Darlington, Hartsv'l(93, Elloree (117) (117)
Estill (117)
Florence A, R (93,117)
Georgetown (117)
" County (117)
Greenville A, R (91)
" AAB T (91)
" Paris Mtn. (91)
Greenwood (91,117)
" Coronaca (91)
Hartsville (93)
John's Island (117)
Kershaw (110)
Lancaster, Coulbourn(93)
Lane (117)
Laurens, Barksdale (91)
Little Rock (93)
Manning (117)
Myrtle Beach R, T(117)
North (117)
North Augusta (117)
Orangeburg, Hawthorne
" Jennings (117) (117)
Parris Island (117)
Ridgeland (117)
Rock Hill, Roddy (93)
St. Matthews, Donald(117)
Shaw T (117)
Spartanburg R (91)
" Fairforest (91)
" Memorial T (91)
Summerville FM (117)
Sumter, Shaw T (117)
" Sumter (117)
Timmonsville, Huggins
Trenton(117) (93,117)
Walterboro (117)
Wampee, Ocean Drive (117)

SOUTH DAKOTA

Aberdeen A, R (11)
Belle Fourche (10)*
Britton, mun. (11)
Brookings (11)
Carthage (11)
Chamberlain (28)
Custer, Bourassa(27)
Dell Rapids (28)
Edgemont (27)
Elk Point (28)
Eureka (11)*
" mun. (11)
Faulkton, Biedenfelt(11)
Flandreau (11)
Gregory (28)
Hot Springs (27)
Huron R (11)
" W.W. Howes (11)
Madison (11)
Martin Bennett Co.(27)
Milbank (11)
Miller (11)
Mitchell (28)
" Anderson (28)
Mobridge (10)
Newell (10)
Philip H, A (10)
Pierre A, R (10)
Platte (28)
Presho Mun. (27)
Rapid City R (10)
" Halley (10)
" AAB T (10)
" Geronime (10)
" Rushmore (10)
Redfield (11)*
Reliance, Rancher's and Farmer's (28)
" Fletcher (28)
Sioux Falls A, R (28)
Sisseton Mun. (11)
Spearfish, Black Hills(10)
Stevens, Rickenbacker
Vermillion (28) (28)
Wagner (28)
Watertown A, R (11)
Willow Lake
" Hofer-Kannegieter(11)
Winner (28)
Yankton (28)

TENNESSEE

Chattanooga R, T (89)
Clarksville, Outlaw(87)
Cookeville (89)
Cowan, Univ. of South(89)
Crossville (89)
Cuba FM (87,85)
Dyersburg (87,85)
" mun. (87,85)
Fairview FM (89)
Fisherville FM(85,87)
Gallatin (89)
Graham (87)
Greenbrier FM (89)
Humboldt (87)
Jacks Creek R, A(87)
Jackson (87)
" McKellar (87)
Kingston FM (89)
Knoxville R (91)
" McGhee-Tyson T(91)
" Island (91)
Lebanon (89)
McMinnville, Boyd(89)
Manchester (89)
Martin, Gill-Dove (87)
Memphis R, T (87,85)
" Flying Svc.(87,85)
" NAS T (87,85)
" Wilson (87,85)
Milan (87)
Morristown (91)
Mt. Juliet FM (89)
Mt. Pleasant, Maury(87)
Murfreesboro
" Sky Harbor (89)
" St. Teachers Col.(89)
Nashville R (89)
" Berry T (89)
" Cornelia Fort (89)
" Cumberland (89)
" Smyrna T (89)
Piedmont FM (91)
Pulaski, Abernathy(89)
Smithville R, A (89)
Smyrna T (89)
Tallassee FM (91)
Tri-City A, R (91)
Tullahoma, Wm. Northern (89)
Union City, Embry Riddle (87,85)
" Kennon (87,85)
Walterhill FM (89)
Whiteville (87,85)
Wm. Northern (89)

TEXAS

Abernathy #1 (105)
Abilene R (105,119)
" AAF (105,119)
" Air Term. T(105,119)
Adrian (79)
Alamo, Kahler (121,109)
Albany, Taylor (105)
Alice A, R (121)
Aloe AAF (121)
" #10 (121)
Alpine, Starns (105,119)
Amarillo A, R, LFM (79)
" English T (79)
" Tradewind (79)
Anahuac, Sky Harbor (125)
Anson (105,119)
Arcola FM (118)
Arlie (81)
Aragon #5 (87)
Arlington, Midway (109)
" OLF(109)
" Sky Ranch (109)
Asherton (121)
Austin R (123)
" Bergstrom T (123)
" Haile (123)
" Robert Mueller T(123)
Austwell (121)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Lone Wolf, Okla. Hohmann (81). Bethel, Pa, Grimes (63). Lansdale, Pa, Turner (65). Atlanta, Tex.(111). Bedford, Pa (74). Hohenwald, Tenn, Brown (103). Clifton, Tenn (102). Dandridge, Tenn, Lakeside (107). Kingsport, Tenn, Pierce (107). Mustang, Okla, FM(80,82) Wilkes-Barre, Pa. Wilkes-Barre-Scranton A, R(49) Oklahoma City, Okla, Tulakes (83) Port Isabel, Tex. (121) Anthony, Okla, A, H (81)

Baird (105,119)
Ballinger,Bruce (105)
Bandera (123) (119)
Bay City (125)
Beaumont A,R (125)
" Jefferson City (125)
" Lamar (125)
Beeville,Chase (121)
" Travland (121)
Belton (123)
Bergstrom T (123)
Biggs T (103)
Big Spring R,T (105,119)
" U&S Fly.Svc. (105,119)
Bonham,Brown (107)
" Jones (107)
Borger,Harnagel (79)
Bowie (107)
Brackettville (119)
" **Fort** Clark (119)
Brady,Curtis (105,119,123)
" White (105,119,123)
Breckenridge (105)
Brooks T (107)
Brownfield (105)
" Triangle (105)
Brownsville R (121)
" **Mauldin** (121)
" **Rio** Grande Val'y T
Brownwood (105) (121)
Bryan AAF (123)
" Coulter (123)
Burkburnett (105)
Burnet (105,123)
Cabaniss T (121)
Cameron (123)
Camp Hood (123)
Canadian,Hemphill (81)
Candelaria (119)
" Decker Ranch (103,
Canyon,W.Texas St. (79)
Carrizo Spgs,Dimmit County (121)
Carthage Air Svc. (107)
Castolon (119)
" **Johnson Ranch (119)**
Castroville,Riomedina
Chase (121) (109)
Childress (81)
" **AAF (81)**
Cisco (105)
Clarendon R,A (81)
Clarksville (107)
Claude (79)
Clear Springs #8 (109)
Cleburne NW (107)
Coleman (105,119)
College Station
" **Easterwood** (123)
Comanche (105)
Commerce (107) (125)
Conroe,Montgomery Co.
Corpus Christi R (121)
" NAS **R,T** (121)
" **Cliff Mass** T (121)
" **OLF #10** (121)
" **OLF #11** (121)
" **OLF #25** (121)
" **OLF #41** (121)
" **Cabaniss** T (121)
" **Cudding** (121)
" **Rodd T** (121)
" Waldron (121)
Corsicana,com (107)
" **mun.** (107)
" **"T"** (118)

Crane,Crane Co. (105,
Crystal City (121) (119)
Cuero (123)
" Edgerton (123)
Cox AAF (107)
Cypress,Jackson (107)
Dalhart (79)
" mun. (79)
" #1 (79)
" #2 (79)
Dallas R (109)
" Clearview (109)
" Fliers (109)
" Hensley T (109)
" Highland Park (109)
" Hudson (109)
" Lou Foote (109)
" Love T (107,109)
" Mustang (109)
" Second Ave. (109)
" Skyline (109)
" White Rock (109)
Damon (125)
Delaware Spgs (103,109)
Del Rio (119)
" Laughlin (119)
" Val Verde Co. (119)
Denison, Gray (107)
Denton, Collete (107)
" Hartlee (107)
Denver City (105)
" Humble (105)
Dimmit, Bobcat (79)
Dolores,La Laja (121)
Dryden ,Airdrome (119)
" Int. (119)
Dublin,Loyd Hines (105)
Dumas (79)
Duncanville K (109)
Eagle Mtn Lake (109)
Eagle Pass (121)
" mun. (121)
Eastland,Weaver (105)
Eden (105,119,123)
Edinburg, Com. (121)
Edna (123)
El Campo,Hefner (123)
Eldorado (105,119)
Electra (105)
Ellington T (125)
El Paso R (103)
" Biggs T (103)
" Mun. T (103)
Elsa (121)
Ennis (107)

Floydada (105)
Forney FM (109)
Fort Clark (119)
Fort Hancock (103) (119)
Ft. McKavett,C-B (105
Ft. Stockton,Dyche (105
" Gibbs (105,119) (119)
" Win (105,119)
Fort Worth R,LFM (109)
" AAF T (109)
" Hicks (109)
" Meacham T (107,109)
" Midwest (109)
" Russell (109)
" T.C.U. (109)
Freeport,Lake Jackson
Freer (121) (125)
Friona,Benger (79)
Gainesville AAF (107)
" Com. (107)

Gainesville
" Whaley Arpk (107)
Galveston A,R (125)
Garland,Luscombe (109)
Gaskin (107)
Gatesville,Scott (123)
Georgetown (123)
Gilmer,Holmes (107)
Gonzales,Faurie (109)
Goodfellow R,T (105,119)
Goose Creek,Humphrey
" Tri-Cities (125) (125)
Gorman (105)
Grand Prairie (109,125)
Grauwyler Park K (107,
Gregory FM (121) 109)
Greenville,Caddo Mills
" Majors (107) (109)
" Rutherford (107)
" South Sulphur (107)
Groesbeck (123)
Gruver (79)
Guadalupe Pass V,FM
Hamilton (107) (103,119)
Hammond (123)
Handley (109)
Harlingen (121)
" com (121)
" mun (121)

Harpersville FM,A (105)
Haslet K,FM (107,109)
Hearne (123)
Henderson (107)
Hensley T (109)
Hereford,Clover (79)
Hillsboro,Byrn's (107)
Hitchcock T (125)
Hondo AAF (123)
Houston R,FM,T (125)
" Ellington T (125)
" Erwin-Newman (125)
" Main Street (125)
" Minor Stewart (125)
" Preston (125)
" Sam Houston (125)
" Skyport (125)
" Sportsman (125)
Hudspeth (103)
Hueco Mtn FM (103)
Huntsville,Houston (125)
Idalou (105)
Iraan (105,119)
Jacksonville (107)
Joshua FM (107)
Karnack FM (111)
Kaufman,Wallace #2 (109)
Kelly T (123)
Kenedy (121)
Kent (103,119)
Kermit (105,119)
Kerrick (79)
Kerrville,Schreiner
Kilgore,Elder (107) (123)
Killeen (123)
" Camp Hood (123)
Kingsville (N) (121)
" (S) (121)
" Int. (121)
" Weisman (121)
Kirbyville,Richter (125)
Knox City (105)
Lamesa (105,119)
" com. (105,119)
" Hogg (105,119)
Lampasas Co. (105,123)

Laredo A,R (121)
" Chupadera Ranch
" Wormser (121) (121)
Laughlin (119)
Leaday, Miller (105,119)
Levelland (105)
Littlefield,Duggan (105)
Llano Co. (105,123)
Longfellow,Cox (119)
" Yoas Ranch (119)
Longview,East Side (107)
" Gregg Co. (107)
Los Fresnos A,FM (121)
Louise (123)
Lubbock A,R (105)
" Com. (105)
" So.Plains T (105)
Lufkin (125)
" Angelina Co. (125)
Luling (109)
McAllen (121)
McCamey (105,119)
McKinney (107)
Madisonville Emerg. (125)

Magnolia Beach
" Indianola (121)
Marathon,Blair (119)
" Combs (119)
Marfa AAF (105,119)
" (new) (103,119)
" (old) (103,119)
" Allison Ranch (119)
" Aragon (103,119)
" Ryan #3 (103,119)
" South #1 (119)
Marlin,Stephens (123)
Marshall (107)
Mason Co. (105,123)
Martindale #4 (109)
Matagorda Isl. Bombing & Gun.Range (121)
Matagorda Peninsula (121)
Mathis,Lake Mathis (121)
Mercedes FM (121)
" Central Valley (121)
Mexia (107)
Midland R,A (105,119)
" Com. (105,119)
" #2 T (105,119)
" Skyhaven (105,119)
Mineola,Wisener (107)
Mineral Wells (new) (109)
Mission,Magic Val'y
" Moore (121) (121)
" Moore #1 (121)
" Moore #3 (121)
" Shary (121)
Monahans, mun. (105,119)
Moore (121)
" #3 (121)
Morton,Cochran Co. (79)
Mt. Pleasant (107)
Muleshoe (79)
Muenster (107)
Nacogdoches (107)
Navasota R,A (125)
Newark,Eagle Mtn. Lake (109)
New Braunfels,Clear Spring #5 (109)
" Kuehler (109)
Odessa,Ector Co. (105,119)
Old Ocean (125)
Olney (105)
Orange (125)

Orla , Tex-Line (103,119)
Ozona (105,119)
" Kinser Ranch (105,119)
Paducah (105)
Palacios A,R (121)
Palestine (107)
Pampa (81)
" Int. (81)
" AAF (81)
Pandale (119)
Paris, Cox AAF (107)
" Legion (107)
Parker Int. (107,109)
Pawnee (121)
Pecos (105,119)
" Anderson (105,119)
Perrin (95)
Perryton (81)
Plainview,Hale Co. (79) (119,
Port Arthur,Parker 125
Portland,Hunt (121)
Port Lavaca,Tanner
Post (105) (121)
Poteet (123)
Prairie Hill,Waco #5
Presidio (119) (107)
" Air Strip (119)
Preston (119)
Pyote AAF T (105,119)
Quannah,Comm. (81)
Randolph R,T (123,109)
Ranger (105)
Rankin (105,119)
Raymondsville,Fox (121)
" Int. (121)
Red Bluff,Hines (103,119)
Refugio,Rooke (121)
Richmond R (125)
Rita Santa (105,119)
Roaring Spgs,Buzz (105)
Rockport (121)
Rock Spgs,Sherrill (119)
Rodd T (121)
Rotan (105)
Ryan #3 (119)
Saginaw (109)
Salt Flat R,A (103)
San Angelo T (105,119)
" Goodfellow R,T (105,
" No.Concho (105,119) (119
" Sky Harbor (105,119)
San Antonio,Alamo R,T
" Bexar Co. (109) (123,
" Brooks T (109) 109)
" Davis (109)
" Hurt (109)
" Kelly R,T (123,109)
" Lake (109)
" Leon Valley (109)
" Martindale #4 (109)
" Mission (109)
" Randolph R,T (123,109
" Stinson T (119)
" Yates (109)
San Benito (121)
Sanderson Land.Strip (119)
San Marcos R,T (123)
" Int. (123)
Sayers,Craigg **(109)**
Schulenburg (123)
Seguin (109)
" #1 (109)
" Schneider (109)
Seminole (105,119)
Seymour (105)

Sherman (107)
" Gaskin (107)
" Perrin (107)
Sierra Blanca (103)
Simms (107)
Sinton (121)
" Community (121)
Soncy FM (79)
South Plains T (105)
Spearman (79)
Spring Branch FM (123, 109)
Spur (105)
Stamford (105)
" Arledge (105)
Stanton FM (119)
Stephenville (105,107) (107)
Sulphur Spgs FM,A H
Sweetwater,Avenger (105,
Taft-Worsham (121) (119)
Taylor (123)
Teague,Gage (107)
Temple,Draughon-Miller (123)
" Woodson (123)
Terlingua (119)
Terrell, Mun. (109)
" Wallace (109)
Texan,Parker (105)
Texarkana (111)
Texas City-Gulf Coast
Texhoma (79) (125)
Tulia (79)
Turkey (81)
Twitty (81)
Tyler R (107)
" Pounds (107)
" Stewart (107)
Uvalde,Garner (123,119)
Van Horn (103,119)
" Culberson Co. (103,119)
Valasco,Brasosport (125)
Vernon (81)
" Int. (81)
" Victory (81,105)
Victoria (121)
" Aloe AAF (121)
" Aloe #10 (121)
" Foster (121)
" Foster #4 (123)
Waco A,R (107)
" mun. (107)
" Blackland #1 (107,123)
" Newland (107,123)
" Riesel (107,123)
Waldron (121)
Waxahachie A,FM (107)
" Ellis Co. (107)
Weatherford A,FM (109)
" Parker Sky Camp (109)
Webster FM (125)
Wellington (81)
Weslaco,Mid-Valley
Westbrook (105,119) (121)
Wharton (125)
Wichita Falls R (105)
" Gilchrist (105)
" Holman (105)
" Sheppard/Kell (105)
Wills Point (107)
Wink A,R (105,119)
Winters (105,119)
Wolfe City (107)
Yoakum A,H (123,109)
" Int (123,109)
Zuehl #6 (109)

UTAH

Beaver (75)
Bountiful,Sky Haven (23)
Brigham (23)
Bryce Canyon (75)
Cedar City (75)
Corinne FM (23)
Delta A,H (23)
Duchesne (23)*
Dugway (23)
Enterprise R,A (75)
Ephraim,Manti-Ephr.
Fairfield R,A (23) (23)
Fillmore (75)
Goulding Trading Post
" Monument Val'y (77)
Grantsville (23)
Hanksville R,A (77)
Huntsville FM (23)
Hill T (23)
Knolls (23)
Layton FM (23)
Logan,Hillcrest (23)
" Logan-Cache Co. (23)
Low Flgt Strip (23)
Lucin R,A (23)
Midvale (23)
Milford R,A (75)
Mt. Pleasant (23)
Myton (23)*
Nephi (23)
Ogden R,A (23)
" Hill T (23)
" Hinckley T (23)
Price,Carbon Co. (23)
Promontory Pt. (23)
Provo (23)
Richfield (75)
Riverton R (23)
Roosevelt (26)
St. George A,R. (75)
" Int. (75)
Salt Lake City R (23)
" #1 T (23)
Salt Lake #2 (23)
" Utah Central (23)
Sandy,Alta (23)
Spanish Fork (23)
Timpie FM (23)
Tooele (23)
" Dugway (23)
Vernal (new) (26)
" (old) (26)
Wendover R,T (23)

VERMONT

Bennington (51)
Berlin,Barre-Montpelier (18)
Bristol (18)
Burlington R,T (18)
Fair Haven (51)
Grand Isle FM (18)
Huntington FM (18)
Manchester,Equinox
Montpelier R (18) (51)
Newport (18)
Rutland,MacArthur (51)
St.Johnsbury,Brown (18)
Springfield,Hartness
Swanton,Austin (18) (51)
Vergeness FM (18)
White River Junction
" Twin State (51)

VIRGINIA

Alberta (95)
Alexandria FM (65)
" Beacon (65)
" Crossroads (65)
" Hybla Valley (65)
Altavista (93)
Annandale,Springfield
Arcola R (63) (65)
Bedford (93)
Big Stone Gap,Powell (91)
Blacksburg, V.P.I. (93)
Blackstone A,R (95)
Bristol (91)
Cape Charles
" Dixie Holland (95)
Charlottesville, Univ. of Va. (61)
Chester FM (63)
" Midway (63)
Chilhowie FM,A (91)
Chincoteague T,R (63)
Clarksville-Finchley
Clover (93) (95)
Covington-Clifton (61)
" Clifton Forge (61)
Creeds (95)
Dahlgren NAF T (63)
Danville A,H (93)
Dawn FM (63)
Deep Creek FM (95)
Drivers,Monogram (139)
Eclipse (95)
Emporia (95)
Falls Chruch (65)
Farmville (95)
Fentress (139)
Franklin (139)
Fredericksburg
" Shannon (63)
Front Royal R (61)
" Stokes (61)
Galax (93)
Gordonsville A,R (61)
" Int. (61)
Greys Pt.,Hummel (63)
Hampton,Peninsula (139)
Harcum (63)
Harrisonburg,Hartman
Herndon FM (63) (61)
" Blue Ridge (63)
Hopewell (95)
Hot Springs,Ingalls (61)
Langley R,T (139)
Lawrenceville (95)
Leesburg (63)
Lexington (61)
Lively (63)
Lynchburg R (61,93)
" Preston Glenn T (61,
" Timberlake (61) (93)
Manassas (63)
Martinsville (93)
" Lester (93)
Melfa Fgt Strip (63)
Milford (63)
Monogram (139)
Montvale,Buford's (61)
Mt. Vernon K,FM (65)
Narrows (61)
Norfolk R,T (139)
" Glenrock (139)
" NAS,Chambers (139)
" NAS,East R,T (139)
" South Norfolk (139)
Oceana T (139)
Ononcock,Johnson (63)
Orange Co. (Orange) (63)
Parksley (63)
Petersburg (95)
" Colonial Hgts (95)
Portsmouth,Cumberl'd
Pulaski R,A (93) (139)
Pungo (139)
Quantico R,T (65)
Richlands (91)
Richmond R (63)
" AAB T (63)
" Central (63)
" Hermitage (63)
" Northfield (63)
Roanoke R (93)
" Woodrum T (93)
Shenandoah (61)
Staunton (61)
Suffolk (61)
Tappahannock (63)
Virginia Beach (139)
Warrenton,Zieger (63)
Waverly (139)
Waynesboro,Augusta
" Valley (61) (61)
Weems,Currell's (63)
Weirwood,Kellam (63)
West Point (63)
Williamsburg,Scott (95)
" Wm & Mary (95)
Winchester (61)
Windsor,Garner (139)

WASHINGTON

Aberdeen,Moon Isl. (2)
Almira, "JZ" (3)
Arlington (2)
Auburn (141)
Bellevue,Mercer (141)
Bellingham (2)
Blaine (2)
Bothell,Kenmore (2)*
Bremerton,Kitsap Co. (141)
Burlington,Skagit Valley Air Svc. (142)
Camano Island FM (2)
Camas,Groves (141)
Chehalis,Co.-City (2)
Chelan (3)
Cheney,Savage (3)
Chewelah,Hafer's Ranch (3)
Clarkston,Asotin Co.
Cle **Elum** (2) (3)
College **Place** (3)
" **Martin** (3)
Colville **(3)**
Connell **(3)**
Coulee **City (3)**
Coupeville **(2)**
Davenport **(3)**
Deer Park **(3)**
Dungeness **FM (2)**
Easton FM **A (2)**
East Sound,Orcas Isl.
Ellensburg R (2) (2)
" Bowers (2)
Enumclaw (143)
Ephrata **A**,R (3)
Everett **A**,R (2)
" **Paine** (2)
Forks **(2)***
Geiger (3)
Goldendale (2)*
Harrington FM,A (3)
Huntsville,Touchet Valley (3)
Hobart FM (2)
Ilwaco (2)
Issaquah,Seattle Sky Ranch (141)
Kelso (2)
Kennewick,Twin City (3)
" Vista (3)
Kent (141)
Kittitas,Cameron (2)
La Center FM (2)
La Crosse (3)
Lakeview FM **(2)**
Lind (3)
McChord **R,T (141)**
Mead,Wallace **(3)**
Metaline **Falls-Sullivan** Lakes **(3)***
Moses **Lake** (3)
Mt. **Ver**non,Barker & **Dean** (2)
" OLF **T** (2)
Neah Bay R (2)
Newport (3)
North Bend,**Snoqualmie Pass (2)**
Okanogan-Legion **(3)**
Olympia **(2)**
Omak,Okanogan **(3)**
Opportunity,Lemen **(3)**
Orchards,R.C.Sugg (141)
Oroville,Scott (3)
Pasco (3)
Pateros,Anderson **(3)**
Port **Angeles CGAS T (2)**
" **Clallam Co. (2)**
Port **Orchard,South Port Orchard** (2)
Port **Tow**nsend,Co-City
Prosser (3) (2)
Pullman-Moscow Reg. (3)
Puyallup (141)
" Northern **Tacoma (141)**
Quillayute (2)
Renton,Boeing-Renton (141)
Republic,Fairweather (3)*
Richland **Air Base (3)**
Ritzville **(3)**
Rosalia **(3)**
Seattle **R (141)**
" **NAS R,T (141)**
" **Boeing T (141)**
" **Seattle-Tacoma (141)**
Shelton (2)
Snohomish (2)
Spanaway,Forest Grove
" **Acft Co. (141)** (141)
Spokane R (3)
" **AAF T (3)**
" **Calkins Air Term. (3)**
" **Felts T (3)**
" **Geiger (3)**
Sprague (3)
Stevenson FM (2)
Sunnyside (2)
Tacoma (141)
" **Arpk (141)**
" **Barrys Sky Harbor (141)**
" **City View Arpk. (141)**

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages **but not charted.** Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Port Isabel,Tex (114). Big Lake Mun, Tex (105,119) Texon,Tex Parker (119) Radford,Va. (93) Stinnett, Texas (79) Henderson, Texas, Rusk Co. (107)

Tacoma, Lakewood(141)
" McChord R,T (141)
Toledo-Winlock (3)
Tonasket (3)
Toppenish (2)
Twisp (2)
Vancouver (141)
" Mun. (141)
Vista (3)
Walla Walla R (3)
"AAF T (3)
Washougal FM (2)
Washtucna (3)
Wenatchee,Fancher(2)
" Pangborn (2)
Westport (2)
Whidbey Island R,H,T(2)
Wilbur (3)
Winthrop,Intercity(2)
" Pasayten (2)
Woodland FM (2)
Yakima R (2)
" County T (2)

[redacted]

Beckley, Scott (59)
Buckhannon, Lewis (61)
Bunker Hill,Ridgeway (61)
Burlington,Baker (61)
Charleston R (59)
" Bollinger (59)
Clarksburg,Benedum (61)
Elk Garden (61)
Elkins A,R (61)
Glendale (61)
Greenbrier (61)
Hinton (61)
Hollidays Cove
" Weirton (61)
Huntington R (59)
Logan (59)
Marlinton (61)
Martinsburg A,R (61,63)
" North End (63)
Moorefield (61)
Morgantown A,R (61)
New Cumberland,Herron (61)
Parkersburg,Stewart,
" Wood Co. (59) (59)
Paynesville R (59,107)
Pence Spgs, Hinton
Alderson (61)
Petersburg (61)
Princeton (59)
Ravenswood (59)
Romney (61)
Ronceverte (61)
Spencer,Roane Co. (59)
Sutton (61)
Terra Alta,Forman(61)
Weston,Bennett (61)
Wheeling-Ohio Co.(61)
White Sulphur
" Greenbrier AAF(61)
Williamson,Morris(59)
Winfield,Clark (59)

WISCONSIN

Amery (14)
Antigo (15)
Appleton,Outagamic Co. (15)
Arbor-Vitae (15)*
Ashland (14)
Baraboo,Bell-Aero (41)
Beaver Dam (41)
Black River Falls
" Jackson Co. (14)
Bloomer,Pines (14)
Boulder Jct.,Jefferson (15)
Boyceville (14)
Brodhead,Bill's (41)
Camp Douglas - Camp Williams (29)
Camp McCoy (29)
Cedarburg, Grob (41)
Chetek (14)
Chippewa Falls (14)
Clintonville (15)
Colby-Abbotsford (14)
Dallas (14)
Darlington,Red Rock (29)
De Pere, Nicolet (15)
Durand,Schlosser (14)
Eagle River (15)*
Eau Claire (14)
" (Mun.) (14)
Elkhorn (41)
Fifield,Boyd's Mason Lake (14)*
Fond du Lack (41,15)
Genesee FM (41)
Green Bay,Brown Co. (15)
" East Side (15)
Green Lake (15,41)
Hales Corner, Wisconsin Skyways (41)
Hayward (14)
Hudson Fly. Svc. (14)
Janesville City (41)
" Rock Co. (41)
Kenosha A,FM (41)
Kohler (15, 41)
La Crosse A,R (29)
" Int (29)
Ladysmith,Rusk Co.(14)
Lake Delton, Wisconsin Dells Lake Delton(41)
Land O'Lakes, King's Gateway (15)
Lone Rock R,A (29)
Madison R (41)
" Morey (41)
" Four Lakes (41)
" Truax (41)
Medford,Taylor Co.(14)
Manitowoc (15)
Manitowish,Northern(15)
Marshfield,Lakes (14)
Merrill (15)*
Milwaukee R (41)
" Brown Deer (41)
" Curtiss-Wright (41)
" Mitchell T (41)
" Skyhaven (41)
" Maitland (41)
Monroe,Badger (41)
Neenah,Val'y Arwys(15)
Neillsville (14)
Oconto Falls (15)
Omro, Ginnow (15)
Oshkosh
" Winnebago Co.(15,41)
Phillips (14)
Phillips, Price Lake (14)
Plymouth,Sky Village (15, 41)
" Chaplin (15, 41)
Portage,Mael (41)
Pulaski, Kubiak's (15)
Racine,Horlick-Racine (41)
Rhinelander (15)
Rice Lake (14)
" Arrowhead (14)
Richland Center (29)
Shullsburg (29)
Shawano (15)
Sparta,Sparta-Angelo (29)
Spooner (14)
Stevens Point (15)
Sturgeon Bay
" Cherryland (15)
Sturtevant, Air City(14)
Superior, Richard Bong (14)
Three Lakes (15)
Tomah (29)
Tomahawk (15)*
Washington Island(15)*
Watertown (41)
Waukesha Co. (41)
Waupaca (15)
Waupun (41)
Wausau, Alexander(15)
" Wisconsin Val'y (15)
West Bend Fly.Svc.(41)
Whitewater (41)
Wisconsin Rapids - Nepco Tri-City (15)

WYOMING

Afton (23)
Archer LFM (27)
Basin (7)
Big Piney (23)*
Buffalo (7)
Casper R (26)
" AAF T (26)
" Casper Central (26)
" Wardwell (26)
Cheyenne R,T (31)
Cody (7)
Cokeville (23)
Cowley, Cowley-Lovell-Byron (7)
Douglas A,H (26)
Dull Center,Hoadley(27)
Egbert FM (27)
Evanston (23)
" (new) (23)
Fort Bridger R,A (23)
Gillette Arpk (7)
" Mun. (7)
Greybull (7)
Jackson (23)
Kemmerer (23)
Knight (23)
Lander (26)
Laramie R (31)
" General Brees (31)
Lingle (27)
Lusk (27)
Meadows FM (27)
Medicine Bow (31)
Midwest FM (26)
New Castle, Mondell(27)
Parkerton FM (26)
Pine Bluffs (31)
Pinedale (26)
Point of Rocks FM(26)
Powell (7)
Rawlins (31)
Riverton (26)
Rock Springs (new)(26)
" (old) (26)
Saratoga (31)
Sheridan R,LFM (7)
" Sheridan Co. (7)
Silver Crown FM (26)
Sinclair R,A (31)
Sussex (26)
Thermopolis (26)
Torrington (27)
Ucross FM (7)
Wamsutter (31)
Wheatland (27)
" East Side (27)
Worland (26)

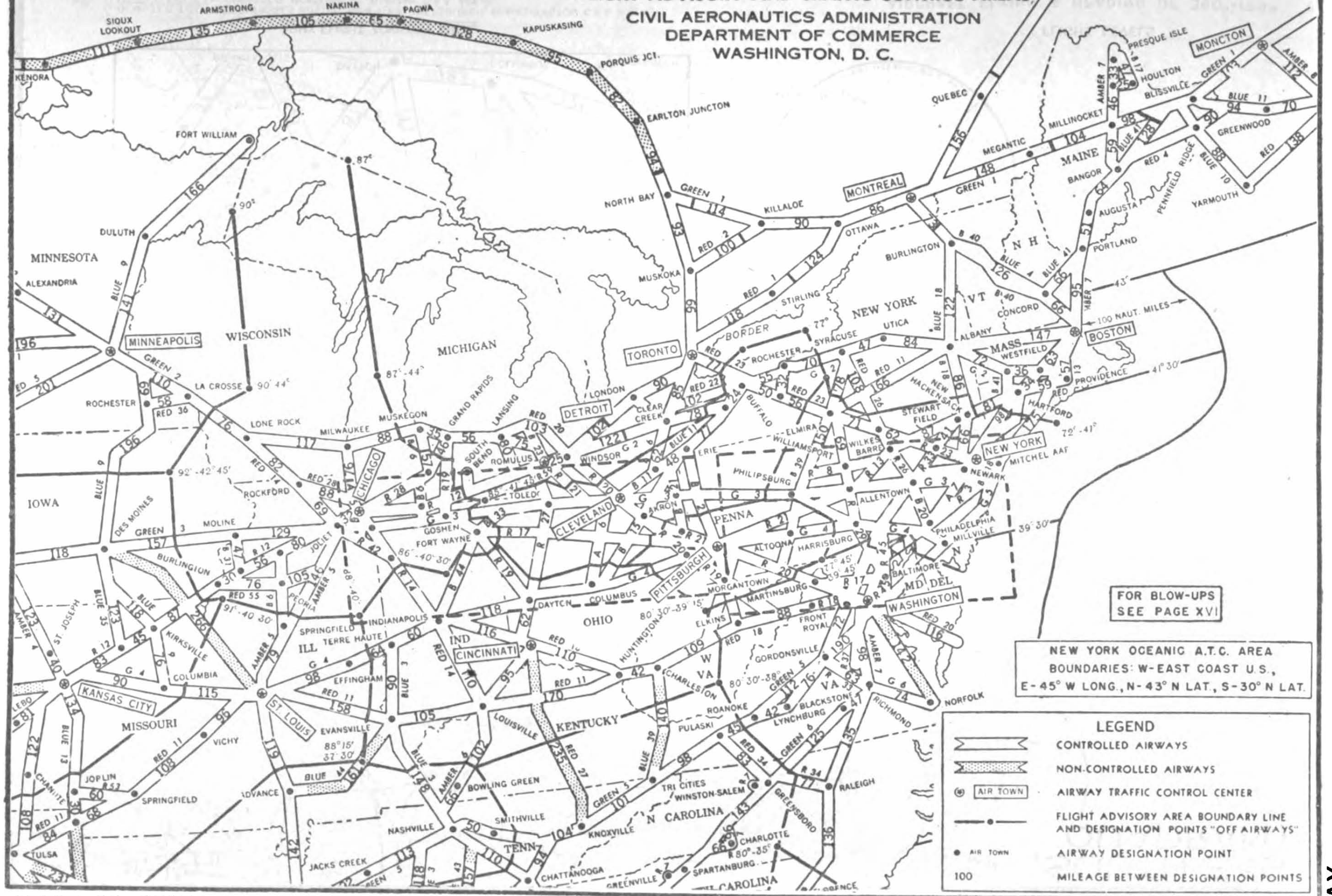
NORTH EAST QUADRANT

CIVIL AIRWAYS AND MILEAGE CHART

INCLUDING UNITED STATES AND CANADIAN

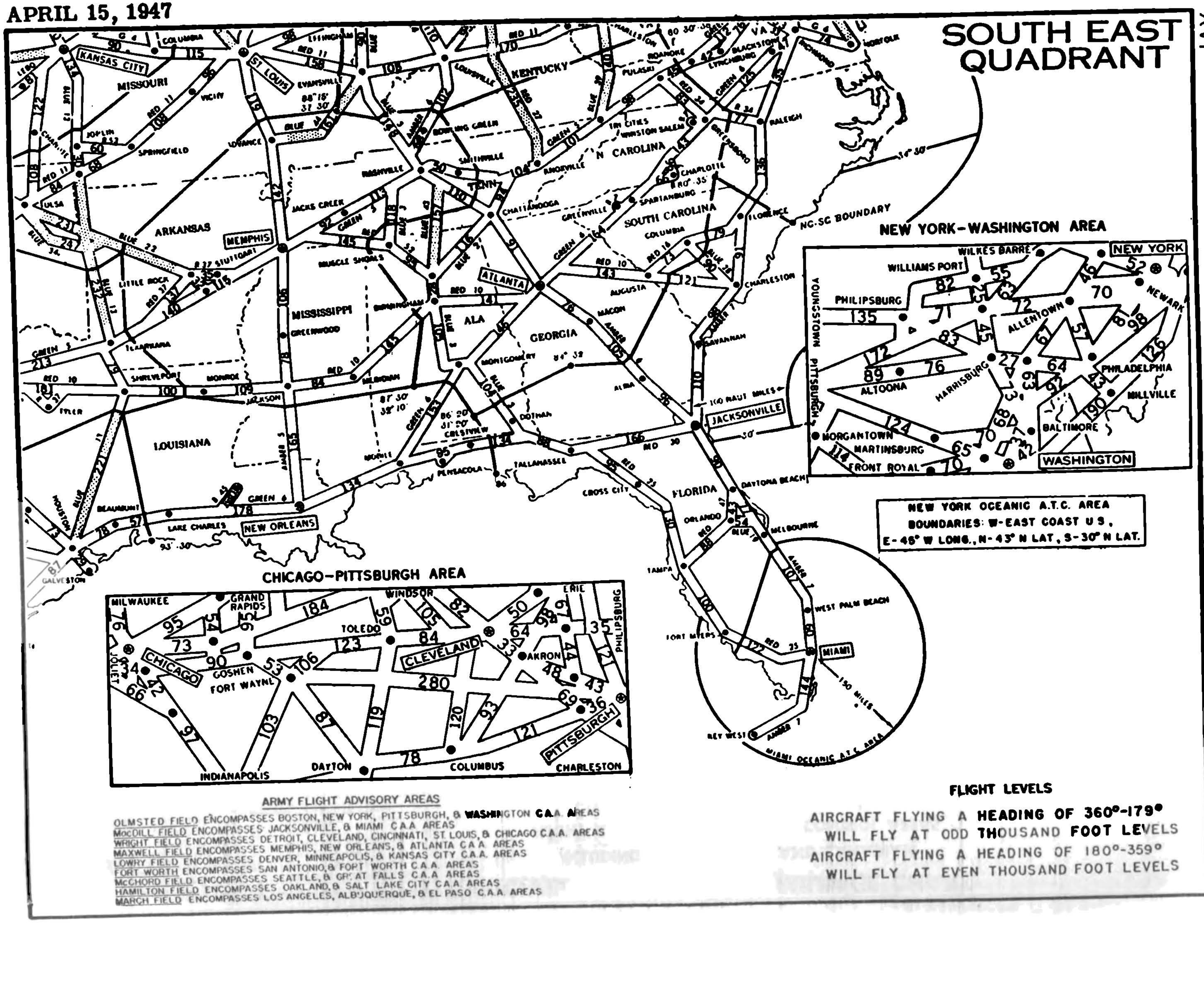
FLIGHT ADVISORY AND TRAFFIC CONTROL AREAS

CIVIL AERONAUTICS ADMINISTRATION
DEPARTMENT OF COMMERCE
WASHINGTON, D. C.



APRIL 15, 1947

SOUTH EAST QUADRANT



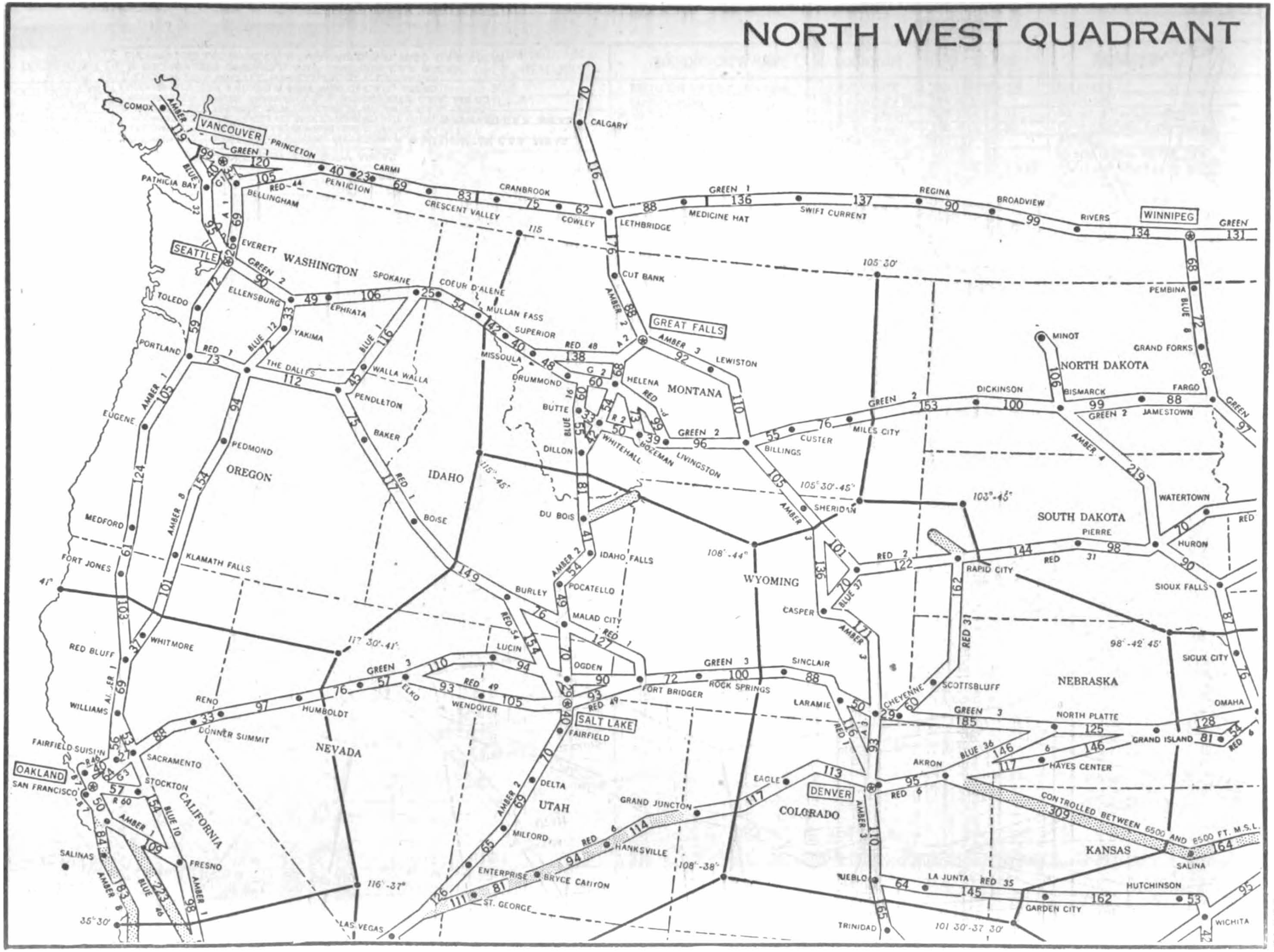
ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
MacDILL FIELD ENCOMPASSES JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES DETROIT, CLEVELAND, CINCINNATI, ST. LOUIS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. AREAS
LOWRY FIELD ENCOMPASSES DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. AREAS
FORT WORTH ENCOMPASSES SAN ANTONIO, & FORT WORTH C.A.A. AREAS
McCHORD FIELD ENCOMPASSES SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES LOS ANGELES, ALB'QUERQUE, & EL PASO C.A.A. AREAS

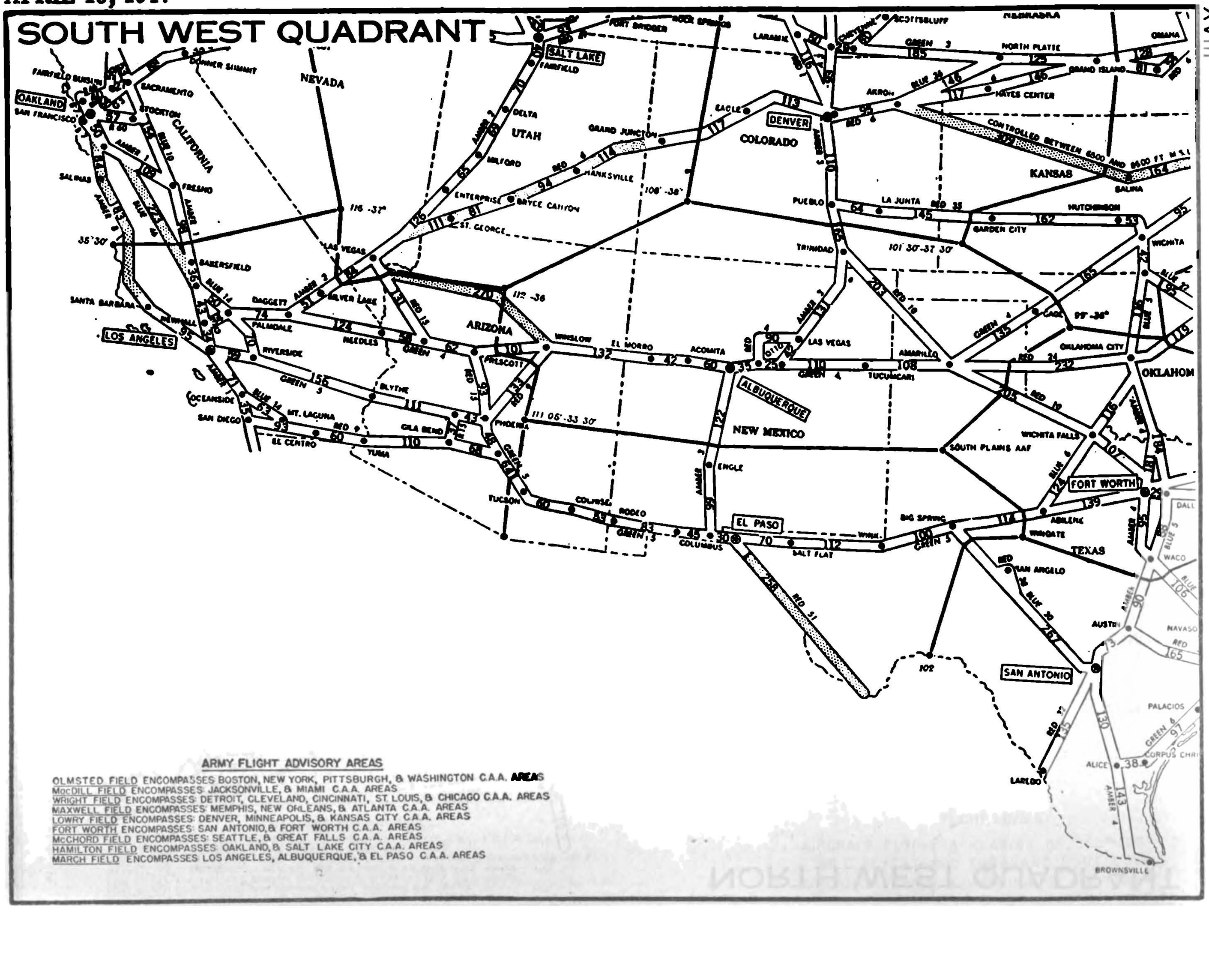
FLIGHT LEVELS

AIRCRAFT FLYING A **HEADING OF 360°-179°**
WILL FLY AT ODD **THOUSAND FOOT LEVELS**
AIRCRAFT FLYING A HEADING OF 180°-359°
WILL FLY AT EVEN THOUSAND FOOT LEVELS

NORTH WEST QUADRANT



SOUTH WEST QUADRANT



ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
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HAMILTON FIELD ENCOMPASSES: OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES: LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

SEATTLE

RADIO — OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-DTV,150°,4.5	(4); 116.1 (ILS-W)
PORTLAND (AAB)	332(PD)(vhf)	SBRAZ-DTV,171°,3.1	(3);116.1,122.1
REDMOND (Roberts)	368 (RG)(116.1)	SBRAZ-DTV;101°,4.3	(4);116.1
THE DALLES	230 (ND)(116.1)	SBRAZ-DTV,251°,2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3);142.74(8-sunset,later on req
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland
WASHINGTON			
BELLINGHAM	209(JJ)(116.1)	SBRAZ-DTV,114°,2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
ELLENSBURG (Bowers)	385(EB)(vhf)	SBMRAZ-DTV,270°,2	(4);116.1,122.1
EVERETT (Paine)	224(MI)(vhf)	BMRLZ-DTV,330°,3.1	(4);116.1,122.1
HOBART FM	(- -)	FM, 88°, 15	Seattle
LA CENTER FM	(- - - -)	FM;331°,12	Portland, Oreg.
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-DTXV;296°,2.8	(3);116.1,122.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Int.)	239 (GL) (116.1)	BMRLZ-DTV,236°, 2.8	(4); 116.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74, 126.18)	CN(GCA);303°,3.3	(3);142.74,126.18. Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3) ;3155;142.74 (24 hrs advance notice)
WOODLAND FM	(. . -. - - -)	FM, 331°, 23	Portland, Ore.
→ YAKIMA	320(YA)(vhf)	BMRLZ-DTV	(3); 116.1, 122.1
Yakima Co. Airport	278 (118.5)	C; 267°, 4.7	(4); 118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
MAHLON SWEET (L6)	109.9	333.8	159°	IM-	MM- ·-·- (0.63)	OM- -- (4.5)	
					MMK-		OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. †—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OREGON

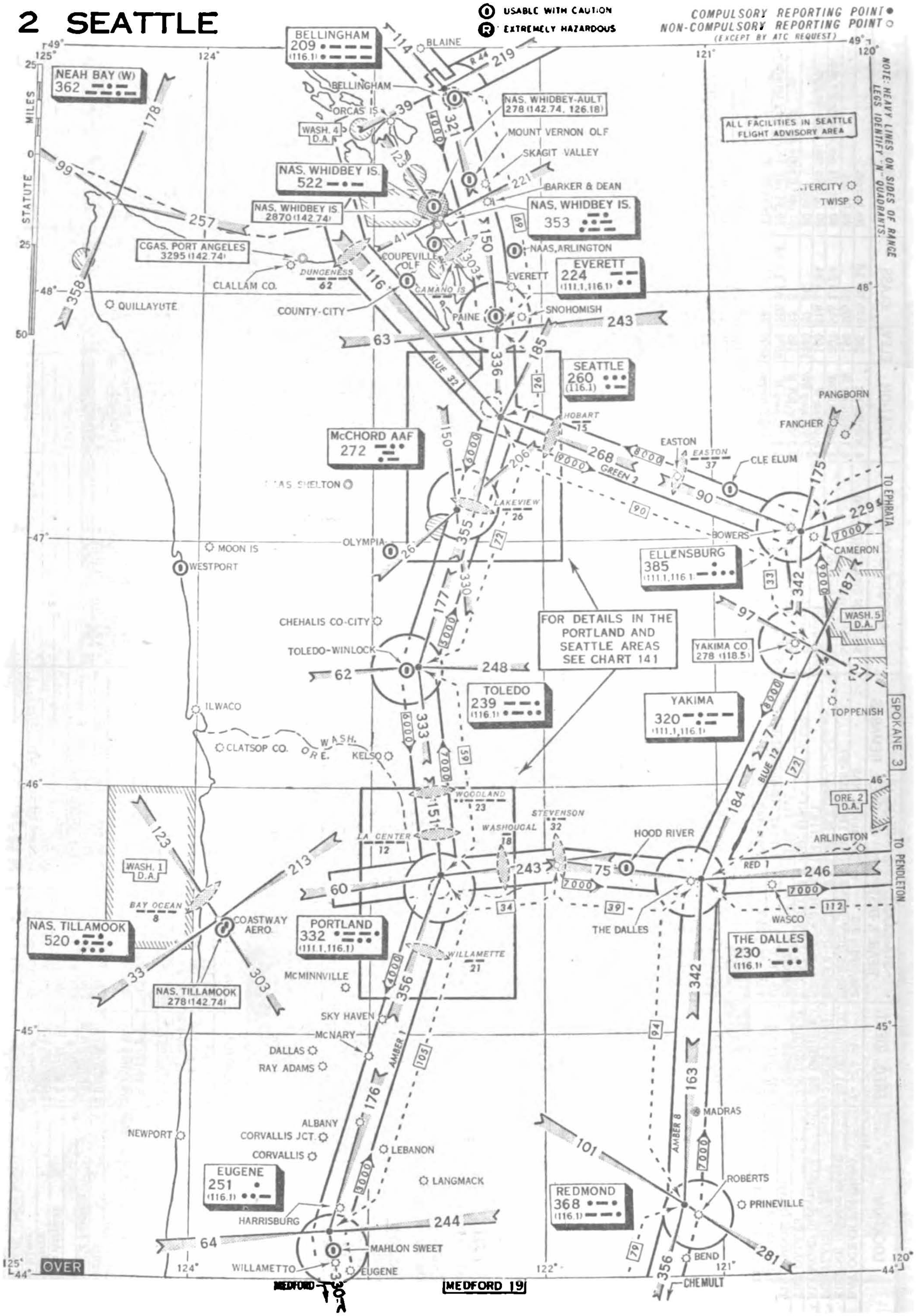
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	210	33	Brush N.
Albany	2.5 NE;RR NW	235	26 S6	73,80 oct. Poles W, SW.
* Arlington Int, 12B, PD-SM	1.4 ENE;riv NW	872	50 L3	
Bend	5.5 ENE;hwy S	3429	40 S6	80,91 oct. Pwrline SE. Use strips.
Clatsop Co. (Astoria)	3.5 W;riv E	10	57h	
Coastway School of Aeronautics (Tillamook)	1.4 E;hwy W	55	29 S2	80 oct.
(P)Corvallis	4.9SSW;RR E	235	52h S6	80,91 oct.
Corvallis Junction	1.3NNE;RR W	240	20 S6	80,91 oct. No sto.
Dallas	1.2 N;RR S	400	23 S1	80 oct. Poles WSW.
Eugene Airpark	1.6 SW;rd W	420	28 S6	73,80 oct.
Harrisburg	2 NNE;RR E,W	300	25 S1	80 oct.
Hood River	2.5 S;riv E	605	19 S1	Ltd fuel lgt acft only.
Langmack (Sweet Home)	2 E;hwy N	550	24	80 oct. Poles W.
Lebanon	1.3SW; RR E	340	21 S4	80 oct.
(A)Madras (A)	2 NNW;RR SE	2420	74h	CLOSED.

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
MAHLON SWEET (Eugene)	8 NW;RR NE	365	52h R3 L6	No tower.
McMinnville	3.1 ESE;hwy W	156	50h S4	80,91 oct.
(P)McNARY (Salem)	2.2 SSE;RR SW	207	55h L5 S4	80 oct.;91 oct.emerg.No sto.
(P)Newport	4 S;ocean W	160	51h L5 S4	80 oct.No sto. Lgts on req.
Prineville	2.9SW;hwy SW	3240	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW;RR E	195	23 S1	80 oct. Cattle on fld.
(P)Roberts (Redmond)	1.5 SE;hwy N	3075	70h R1 L5 S6	80,91 oct. Port rnwy lgts on req.No
Santiam Junction Flight Strip (Idanha) (NC)	21.5SSE;hwys N	4000	30	Trees W, E. bcn.
Sky Haven (Brooks)	1.6 NE;RR W	180	17 S1	Ltd 80 oct.
(P)The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N)Tillamook NAS (N)	3 SE;riv N	35	50h R2 L5 S4	91 oct. Used by LTA,HTA.
Vernonia (NC)	2.4WSW;riv S	620	29	
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willametto Arpk. (Eugene)	4.8 W	420	25 S1	80 oct.
WASHINGTON				
(N)Arlington NAAS (N)	3 SW;hwy W	129	50h	INACTIVE.
Barker & Dean (Mt. Vernon)	2.2 S;RR,riv W	4	20 S4	73,80 oct. No sto. Trees NW.
(P)BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S4	80,91,100 oct. Fld lgts prior req.
Blaine	0.5 E;RR W	15	18 S1	80 oct. ARPT OF ENTRY.
(P)Bowers (Ellensburg)	2.5 NE;hwy S	1767	59h R1 L5 S6	80,91 oct. Ctc lgts prior req.
Cameron (Kittitas)	0.5 N;RR S	1650	26 S2	80 oct.
(P)Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct. No sto.
Clallam Co. (Port Angeles)	2.9WNW;RR NW	290	52h S2	80 oct.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW	110	33 S2	80 oct.Polelines ESE,WNW.ARPT
(N)Coupeville OLF (N)	2 SE	193	54h	OF ENTRY
* Easton Int,5B,SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
Everett	2.7 NNE;riv N	15	21 S4	80 oct. 30' hangar W
(P)Fancher (Wenatchee)	2.5 NE;riv W	1440	33h L3 S6	80 oct. Fld lgts prior req.
Forks (NC)	1 SW;rd S	286	23	75' trees E. HAZARDOUS.
Goldendale (NC)	0.6 SE;RR W	1600	20	Pole line E,SE.Ditch center.HAZ-
Ilwaco	1.5 ENE;riv S	8	20 S2	80 oct. ARDOUS.
Intercity,USFS (Winthrop)	4 SSE;riv SW	1650	32 S1	73,91 oct. Mtns SE.
Kelso,61A,SF-SA	1.4 S;RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE,SSW.
(P)Moon Island (Aberdeen)	6 W;harb N,S	14	50h L5 S6	80, 91 oct.
(N)Mount Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S;hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound)	0.7 N;hwy E	25	24 S2	80,91 oct.
(P)Paine (Everett)	6.5 SW;hwy NE	598	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3 ESE;hwy S	1246	46h L5	Contact lgts prior req.
Pasayten,USFS (Winthrop) (NC)	38 NW;riv E	4250	28	Use in emerg.only.Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91,100 oct. Lgts prior req.
Quillayute	0.7 NNW;	195	50h	8 mi. W of Forks.
(N)Shelton NAAS (N)	2.5 NW;hwy ENE	278	52h	Tower NW. INACTIVE
Skagit Valley Air Svc.(Burlington	0.7 S;RR E	35	20 S1	80 oct. Stack N.
Snohomish	0.9SW;RR N	16	30h S6	80,91 oct.Rnwy data unver.Poles ESE.
Snoqualmie Pass (North Bend)	3.5 ESE;hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo-Winlock Int,63B,SF-SA	3 NE;riv S	371	50h R1 L3 S1	80, 91 oct.
Toppenish	3.2SSW;hwy E	835	32 S5	80 oct.
Twisp	1.9SE;riv S	1620	19 S1	80 oct.Trees,hills WNW.
Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct.
(N)Whidbey Island NAS (N)	3 NW Oak Harbor	17	70h R2 (L6) S2	91, 100 oct.
YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	73,80,100 oct. Pole line S.
NEW AIRPORTS				

h-hard surfaced runways R-radio facilities. L-lighting facilities. S-servicing (See page iv) NC (not charted) → NEW OR REVISED DATA

2 SEATTLE


USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA
FOR DETAILS IN THE PORTLAND AND SEATTLE AREAS SEE CHART 141
BELLINGHAM 209 (116.1)
NEAH BAY (W) 362
NAS. WHIDBEY-AULT 278 (142.74, 126.18)
NAS. WHIDBEY IS. 522
NAS. WHIDBEY IS 2870 (142.74)
NAS. WHIDBEY IS. 353
CGAS. PORT ANGELES 3295 (142.74)
COUPEVILLE OLF
NAAS, ARLINGTON
EVERETT 224 (111.1, 116.1)
EVERETT
SEATTLE 260 (116.1)
McCHORD AAF 272
PANGBORN
FANCHER
EASTON
CLE ELUM
LAKEVIEW 26
ELLENSBURG 385 (111.1, 116.1)
CAMERON
TOLEDO 239 (116.1)
YAKIMA CO 278 (118.5)
YAKIMA 320 (111.1, 116.1)
TOPPENISH
PORTLAND 332 (111.1, 116.1)
COASTWAY AERO
NAS. TILLAMOOK 520
NAS. TILLAMOOK 278 (142.74)
WASCO
THE DALLES 230 (116.1)
EUGENE 251 (116.1)
REDMOND 368 (116.1)
PRINEVILLE
MADRAS
HOOD RIVER
ARLINGTON
BLAINE
BELLINGHAM
ORCAS IS
WASH. 4 D.A.
MOUNT VERNON OLF
SKAGIT VALLEY
BARKER & DEAN
TERCITY
TWISP
CLALLAM CO.
DUNGENESS 62
COUNTY-CITY
CAMANO IS
PAINE
SNOHOMISH
QUILLAYUTE
HOBART 15
EASTON 37
GREEN 2
BLUE 32
LAKEVIEW 26
MOON IS
OLYMPIA
WESTPORT
CHEHALIS CO-CITY
TOLEDO-WINLOCK
ILWACO
CLATSOP CO.
KELSO
WOODLAND 23
LA CENTER 12
WASHOUGAL 18
STEVENSON 32
BLUE 12
WASH. 1 D.A.
BAY OCEAN 8
ORE. 2 D.A.
WASH. 5 D.A.
TO EPHRATA
SPOKANE 3
TO PENDLETON
MCMINNVILLE
WILLAMETTE 21
SKY HAVEN
McNARY
DALLAS
RAY ADAMS
AMBER 1
AMBER 8
ALBANY
CORVALLIS JCT.
CORVALLIS
LEBANON
LANGMACK
NEWPORT
HARRISBURG
MAHLON SWEET
WILLAMETTO
EUGENE
ROBERTS
BEND
CHEMULT
OVER
MEDFORD 19

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF AIRWAYS INDICATE LIMITS OF CONTROLLED AIRSPACE

DOROTHY SCOTT
TONASKET
COLVILLE
OKANOGAN No 1.
OKANOGAN-LEGION
NEWPORT
HAFER'S
DEER PARK
SPOKANE 365 (111.1 116.1)
SANDPOINT
EUREKA
LIBBY
COEUR D'ALENE 347 (116.1)
ANDERSON
CALKINS AIR TERMINAL
EPHRATA 269 (116.1)
CHELAN
DAVENPORT
SPOKANE AAF 245 (126.1R)
FELTS 278 (118.5)
COEUR D'ALENE AIR TERMINAL
THOMPSON FALLS
WILBUR
COULEE CITY
EPHRATA
HARRINGTON
SAVAGE
GEIGER AAF
SPRAGUE
LEMEN
WEEKS
KELLOGG
ROSALIA
ST MARIES
MOSES LAKE AAF
RITZVILLE
TEKOA FLY. CLUB
LIND
MULLAN PASS 206 (116.1)
LA CROSSE
WASHTUCNA
PULLMAN MOSCOW REGIONAL
CONNELL
ASOTIN CO.
OROFINO
TOUCHET VALLEY
WALLA WALLA 212 (116.1)
LEWISTON
SUNNYSIDE
RICHLAND
NAS. PASCO
PROSSER
VISTA OLF
MARTIN
KAMIAH
WALLA WALLA AAF 396 126.1
TWIN CITY
SKY RANCH
WASH.
ORE.
PENDLETON 278 (118.7)
OREGON SKY RANCH
IDAHO CO.
HERMISTON
BOARDMAN
CABBAGE HILL
PENDLETON AWYS. SER.
ENTERPRISE
JOSEPH
LEXINGTON
LA GRANDE
On request
LA GRANDE 329 (116.1)
PENDLETON 341 (111.1,116.1)
PILOT ROCK
LA GRANDE
ORE. IDAHO
McCALL
BAKER 221 (111.1,116.1)
JOHN DAY
BAKER
CASCADE
WEISER
On request
ONTARIO 382
PAYETTE
ONTARIO
BOISE 350
ELKO 22

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ COEUR D'ALENE (Air Term.)	347(IKO)(116.1)	BMRLZ-DTV;321°,5.2	(4);116.1
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
[redacted]		[redacted]	
MULLAN PASS	206(MN)(116.1)	BMRLZ-DTV	(4);116.1
[redacted]		[redacted]	
BAKER	221(BK)(vhf)	SBRAZ-DTV;116°,1.8	(4);116.1,122.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE	329(IUY)(116.1)	MHTV	(4);116.1
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
→ ONTARIO	382(OO)	MHT	(4)
PENDLETON	341(PO)(vhf)	SBRAZ-DTV	(3):116.1 122.1
Pendleton Field	278 (118.7)	C; 247°, 2.3	(4):122.5,118.7
WASHINGTON			
EPHRATA	269 (EP)(116.1)	BMRLZ-DTV;336°,3.9	(4):116.1
FELTS (Spokane)	278 (118.5)	C;331°,1.2	(4);118.5,126.18,122.5
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
SPOKANE (Felts)	365(SM)(vhf)	SBRAZ-DTV	(3);116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-DTV	(4):116.1
Walla Walla AAF	396(126.18)	CA ;182°,3.8	(4);126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cascade	1 E; rd N	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3700	23	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	21	Maintained May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;rd W	3295	44 S2	80 oct.20' pole line W.
Kamiah	0.6 SE;RR E	1194	28	Rough. Trees NNW.
★ Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	73 oct. 10' dike W.
Landmark, USFS (Knox) (NC)	7.7 ESE	6680	15	Maintained June to Nov.
(P) Lewiston	2 S;riv NW	1426	50h L	Part rnwy lgts.
McCall	1 S,RR W	5021	23 S4	80 oct. Trees W.
Orofino	1.3 W,riv NE	1000	24 S1	80 oct.1000' mtns WNW, ENE.
Payette	2 NE:RR W	2200	35	Road crosses fld SE.
Priest River (NC)	0.9 NNW,RR S	2165	21	Trees E; hill W.
St. Maries	1.2 NW,hwy S	2132	23	
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S,riv W	2120	34 S6	80 oct.

MONTANA

Eureka	2.7 NNW,RR N	2680	27	Rnwy data unverified.
Libby, USFS	1 NE;riv S,E,W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.

OREGON

(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE,riv N	635	23 S1	80 oct.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE,RR SW	2713	47h R1 L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR S	1492	63h R2 L5 S6	80 oct for U.A.L.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
→ Pilot Rock	0.8 E,hwy N			ABANDONED.

WASHINGTON

Anderson (Pateros)	1.6 SSW;RR N	1100	16	Mtns NW
Asotin County(Clarkston)	0.6 N	760	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv E	1250	34	Hills W,N,S.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1150	40 S1	73 oct. 2000' mtn S.
(P) Ephrata	2 SE,hwy NW	1258	73h R1 S6	80 oct.
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS
Hafer's Ranch (Chewelah)	3.6 SSW;RR E	1700	18	
* Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	24 S1	80 oct. Posts NE.
Okanogan Flight Strip (Omak)	4 N	1298	47h	
(N) Pasco NAS (N)	2.8 NNW,RR E	402	47h	INACTIVE.
(P) Prosser	1.4 NW;riv SE	685	40 S6	80,91 oct. Trees W.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;RR S	800	30 S1	80 oct. Pwr line WSW.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	31 S1	80 oct. Pwr line SSW.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct, Trees,poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
(N) Vista OLF (Kennewick) (N)	4.5 W;rivs NW	516	35h	
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2 L5 S6	73,91,100 oct
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.

NEW AIRPORTS

GREAT FALLS

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388 (DZ)	SBRAZ-DT, 332°,1.7	(4)

MONTANA

ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL)(116.1)	SBMRAZ-DTV,319°,0.8	(4);116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4)·116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
→ CUT BANK	263 (GV)(116.1)	SBRAZ-DTV;327°,3.1	(4); 116.1
DILLON (Int.)	379 (DE)	BMRLZ-DT,167°,2	(4)
DRUMMOND (Int.)	296 (DR)(116.1)	SBMRAZ-DT,185°,1.3	(4);116.1
GREAT FALLS	317 (GT)	SBRAZ-DT	(3)
Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4);126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371(HL)(vhf)	SBMRAZ-DTV252°,1.9	(4);116.1,122.1
Helena Airport	278(118.9)	C	(4);118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224(LT)(116.1)	SBMRAZ-DTV;247°,2	(4);116.1
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308(MX)(vhf)	SMRAZ-DTV; 120°, 1.5	(4);116.1,122.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254(SP)(116.1)	BMRLZ-DTV;275°,0.1	(4);116.1
WHITEHALL (Int.)	284 (WW)	SBRAZ-DT,183°,2.3	(4)
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	73,80 oct.
Dubois, 23,S1-GT	0.8 SSE	5123	48 R1 L3	30' pole W.
Flying R (Lake)	2.8 SE;lake W	6630	34 S1	Ltd 73 oct.
Moose Creek,USFS (Red Riv,Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to Public
Salmon	4 S;riv W	4045	40 S2	80 oct,Mtns NE.

MONTANA

Basin Creek (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4650	22	Closed to public
Black Bear (Flathead Nat'l Forest)(NC)	26 SE Swan Lake.	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25	(NC)
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S4	80,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;RR W	3810	39 S4	80 oct.
Condon (Flathead Nat'l Forest)(NC)	19 E of Ronan	3690	27	Closed to Public
Conrad	1.1 W; creek S	3530	32 S1	80 oct.
(P) CUT BANK	3 SW;riv 1 E	3899	87h R1 L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6008	70h L2	
★ Dillon Int,32, SL-GT	4.6 ENE;riv 2 W	5238	38 R1 L3 S1	80 oct.

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int.44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2690	47h L2 S1	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR SE	2870	27	Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80-100 oct.
Gates Park,USFS(NC)	35 W Choteau	5400	26	Sur by mtns.Closed to public
Geraldine Mun.	0.5 S;RR NE	3200	17 S1	Ltd 73 oct.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW; RR E	3669	70h R2 L5 S6	80,91 oct. ARPT.OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3459	89h R1 L5 S6	73.91.100 oct.JP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3186	38 L4 S6	80,91 oct. All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.Pole line S. Rnwy data unver.
(P) HELENA	2.5 ENE;hwy W	3894	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public.
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.Poles NW.
Livingston	6 ENE;RR N,W	4656	62 S2	80 oct.
★ " Int.10.HL-Twin Cities	2 E;RR N	4603	40 R1 L3 S2	80 oct.Poles S.
Meadow Creek (Flathead Nat'l Forest)	21 ESE Swan Lake	4000	22	(NC) Closed to Public
(P) MISSOULA COUNTY	5.3 WNW;RR N	3200	71h R1 L5 S2	80,91 oct.
Plains	1.3 NNW;RR E	2500	32 S4	80 oct.No sto.30' Poles NW,NE.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only. Nov. thru April.
Rainbow Skyport (Gregson)	0.7 N;RR E,S	5030	40 S1	80 oct.
Schaeffer (Flathead Nat'l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.Closed to Public
Seeley Lake (NC)	1.5 WNW;lake SE	4150	20	Trees NW.
Sheridan	1.5 SE;RR W	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat'l Forest)(NC)	14 ENE Swan Lake	3800	22	Closed to Public
Stevensville	2 ENE;riv 2 W	3620	30 S2	80 oct.
★ Superior Int,36B,SA-HL	1 S;RR SW	2700	35 R1 L2	Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L2 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38	
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only.
★ Whitehall Int.36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.

NEW AIRPORTS

Gardiner, Mont.	1 NNW;RR S	6200	22	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page IV) (NC)-Not charted. → NEW OR REVISED DATA

6 GREAT FALLS

R : EXTREMELY HAZARDOUS O : USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

115° 114° 113° 112° 111° 110° 49° 48° 47° 46° 45° 44°

25 STATUTE MILES 0 25 50

QUARTER CIRCLE M C. RANCH
CUT BANK 263 (116.1)
LETHBRIDGE 147 76
CUT BANK O
228
48
TOOLE CO.
CHESTER
FLATHEAD CO.
KALISPELL
VALIER
AMBER 2 309 6000
CONRAD
86
CHOTEAU
GREAT FALLS MUN. 278(118.7,126.18)
130 7000
197
FORT BENTON
GERALDINE
TANNER
POLSON
185
MISSOULA 308 (116.1,111.1)
GREAT FALLS 317
GREAT FALLS AAF 219(126.18)
TO MULLAN PASS
PLAINS
SUPERIOR
154
MISSOULA CO.
CASCADE 20
10000
A 2
BELT 22
266
90
A 3
STANFORD 29
LEWISTOWN 353
95
ALBERTON 15
107
12000
185
166
34
CRAIG
92
GEYSER
5
275
11000
96
RED 48
22
HELENA 371 (111.1,116.1)
40
276
90
HELENA 278 (118.9)
McDONALD PASS 18
CARRISON
SUPERIOR 254 (116.1)
HALE
9000
252
72
WINSTON 15
56
WHITE SULPHUR SPRINGS
BILLINGS 7
STEVENSVILLE
DRUMMOND
48
G 2
22
DRUMMOND 296 (116.1)
DEER LODGE
38
166
358
280
TOWNSEND
LIVINGSTON 224 (116.1)
HAMILTON
334
99
5
B 16
SIXTEEN
BUTTE
HOMESTAKE 21
RAINBOW
279
95
172
WHITETAIL 16
50
GREEN 2
139
133
RED 48
43
GALLATIN
BUTTE 233 (116.1)
33
256
78
247
TO BILLINGS
96
WHITEHALL
7000
GREEN 2
67
247
13000
LIVINGSTON
SPOKANE 3
DILLON 379
42
55
333
WHITEHALL 284
185
A 2
3
13000
SHERIDAN
TWIN BRIDGES
MONT.
IDAHO
77
257
BOZEMAN 329 (116.1)
319
313
GARDINER
SALMON
DILLON
MONT.
WYO.
GREAT FALLS
SALT LAKE CITY
329
12000
DELL
81
152
AMBER 2
13000
WEST YELLOWSTONE
FLYING "R"
CHALLIS
DUBOIS 388
DUBOIS
73
253
IDAHO
WYO.
SALT LAKE CITY 23
IDAHO FALLS
332

BILLINGS 7

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

110° 109° 108° 107° 106° 105° 108 30' 25

STATUTE MILES 0 25 50

49°

Ⓤ CHINOOK
HAVRE CITY-CO.
HARLEM
MALTA AIRPK.
ETCHART
Ⓤ VALLEY CO.
SCOBEY
GUSTAFSON
ANDERSON
WOLF POINT
FORT PECK

GREAT FALLS 6

BISMARCK 10

VINE
CIRCLE
JORDAN

TO GREAT FALLS
DENTON
LEWISTOWN
FOREST GROVE
MOORE
LEWISTOWN 353 (116.1)
HARLOWTON
ROUNDUP
BILLINGS 400 (116.1)
CUSTER (W) 215
LAVINA
CUSTER
HIBBE 25
RAPELJE
BILLINGS 278 (118.7)
BIG TIMBER
COLUMBUS Ⓤ
PARK CITY 21
BILLINGS 6
ZELKA
BIG HORN CO
MILES CITY
MILDRED
GREEN 2
FORSYTH
MILES CITY 320 (116.1)
TO DICKINSON

47°

46°

45°

LIVINGSTON
MISSOULA

RED LODGE
MONT.
WYO.
POWELL
COWLEY-LOVELL-BYRON
SHERIDAN CO.
SHERIDAN 2
ST. XAVIER
BONES BROS. RANCH
UCROSS 17
SHERIDAN 239 (116.1)
DENVER
MINNEAPOLIS
GREAT FALLS
CODY
GREYBULL
BASIN
BUFFALO Ⓤ
GILLETTE MUN.
GILLETTE ARPK.
GREAT FALLS
SALT LAKE CITY
ROCK SPRINGS 26
CASPER 269
TO HIGHLIGHT

110° 109° 108° 105° 44°

RADIO — MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-DTXV	(3);116.1
Billings Airport	278 (118.7)	C(ILS-W);247°,1.3	(4);118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ;230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-DTV,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-DTV,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings
WYOMING			
SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1)	SBRAZ-DTV,298°,1.8	4):116.1
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS (Localiser and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS	110.3	335	253°	IM-	MM- •-•-(0.6)	OM- --(4.3)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4498, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Big Horn Co. (Hardin)	2.3 ESE, riv W	3000	31	(NC)
* Bigtimber Int,13A, HL-Twin Cities	2.5 SSW, hwy N	4450	43 L3	
(P) BILLINGS	2.5 NW, RR S	3612	57h R3 L6 S6	73,91,100 oct.
(P) Bones Bros. Ranch (Birney)	2 ESE, crk W	3500	29 S2	No fuel. ROUGH
(P) Chinook	2.8 NNE, rd W	2480	42	
Circle	1.3 E, RR N	2400	21	
(P) Columbus	1 ESE, RR N	3575	50 S1	80 oct. Poles W, E, NW.
Custer Int,25,HL-Twin Cities	2.3 E, riv NE	2868	42 L3	
Denton	2.2 SSW, RR N	3850	26 S4	73 oct.
Etchart (Tampico)	0.5 NNW, RR S	2100	29 S2	80 oct. Trees SE.
* Forsyth Int,30,HL-Twin Cities	3 ENE, riv N	2722	30 L3	
Fort Peck	1.6 W, hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW, RR S	2040	26 S6	80 oct. Poleline E.
Harlem	2.3 NNE, RR E	2560	24 S2	80 oct.
(P) Harlowton	2 WNW, riv S	4400	29 S2	73 oct.

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Havre-City-County	4 WSW, lake E	2589	48h S4	80 oct. ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW, RR N	2950	24	
(P) Jordan	1.8 WNW, rd S	2637	40 S1	80 oct. Road W.
* Lavina Int,44B, CX-GT	1 WNW, RR S	3496	39 L3	Use rnwys only.
(P) LEWISTOWN	2.5 SW, RRNW	4177	100h R1 L5S4	80 oct. Rnwy lgts on req.
(P) Malta Airpark	0.8 SW, RR N	2270	31 S4	80 oct. Shrubs NW. No sto.
* Mildred Int,38, HL-Twin Cities	3.4 WSW, rd E	2535	37 L2	
(P) MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N, RR S	1970	33	
(P) Rapelje	1 SE, RR N	4030	38	
(P) Red Lodge	0.5 WNW	5600	29	ROUGH. Road N.
(P) Roundup	1.9 N, hwy S	3500	37	Hwy W.
* St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W.
(P) Scobey	1 NW, RR S	2458	34 S1	80 oct.
(P) Valley County (Glasgow)	1.8 NNE, RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S, hwy W	2350	27 S1	80 oct.
(P) Wolf Point	3 E, riv S	1980	35 S2	80, 91 oct.
Zelka (Hardin)	2 W, hwy N	3002	18	
WYOMING				
Basin	2.5 NE, riv E	3775	34	Hills adj E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	80, 91 oct. Hwy E.
Cody	2 ESE, riv N	5084	47 S6	73,91 oct. Hill E; pole line S.
Cowley-Lovell-Byron (Cowley)	2 NNE, rd NW	4050	32	
(P) Gillette	5.2 NNW	4380	36 S2	73, 80 oct. Hwy E.
(P) Grey Bull	2 NW, hwy S	3900	44 S2	73 oct.
(P) Powell	8 NNW	5054	42 S2	73 oct.
(P) SHERIDAN COUNTY (Sheridan)	2 SSW, hwy E	3961	60h R1 L5 S6	80,91 oct.
NEW AIRPORTS				
Gillette Arpk. (Wyo.)	1.7 ESE, RR N	4650	25 S4	80 oct. Poles NW.
Moore, (Mont.)	0.5 E; RR N	4100	20 S2	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

RADIO

NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-DTV,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-DTV,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O'Minot)	209 (UI)	BMRLZ-DT,301°, 3.4	(4)

SOUTH DAKOTA

PHILIP (Int.)	206(IL)	MHT	(4)
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-DTV	(4);116.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
→ SPEARFISH (Black Hills Airport)			DECOMMISSIONED

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Baker	0.8 SSE,hwy N	2290	35 S2	80 oct. Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct. Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P) Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S1	73 oct. RR W.
(P) BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct. No sto.
Bowman	1.5 W,RR N	3000	24	
Chandler(Williston)	3 W,RR SE	1877	24 S6	80 oct.
(P) Crosby	1 N,RR SW	1962	33	
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

h-hard surfaced runways. R-radio facilities L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → New or revised data.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct. Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S1	80 oct. Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S2	80 oct. Polelines S.
New England	2.4 NE,hwy W	2666	24 S2	73,80 oct. Poleline W
Parshall	1 S,RR N	1970	22	
(P) Port O'Minot(Minot)	1.6 NNE, hwy W	1723	58h R1 L5 S4	80,91 oct. No bcn. Pwr line SW.
Rhame	1.5 SW,RR NE	3150	23 S1	73 oct. Pole line S.
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct. Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1905	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	73 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct. Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct. Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct. Data unver.
Wyman (Mott)	1 S,dam N		30 S1	80 oct. Data unver.

SOUTH DAKOTA

(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 S6	73, 91 oct.(Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct. Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct. Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct. Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct. No sto. Poleline N
PIERRE	3.5 NE,riv SE	1742	69h R1 S1	73 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3234	83h R2 L5 S4	73,91,100 oct. JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.

NEW AIRPORTS

Hettinger (N.D.)	1 NNW;RR S		28 S2	80 oct. Pole line N. Data unver.
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF ENTRY.

10 BISMARCK

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N. QUADRANTS.

105° 104° 103° 102° 101° 100° 49° 48° 47° 46° 45° 44°

25 0 25 50 STATUTE MILES

CROSBY ○ PORTAL ○

○ PLENTYWOOD

○ MOHALL

121 211 31 301 158 167 347 333 168

TOWNER ○ RUGBY ○

PORT O'MINOT ①

MINOT 209 •:-

CHANDLER ① WRIGHT WILLISTON

PARSHALL ○ MILLER ○

SIDNEY ① WATFORD CITY ○

FARGO 11

+ ILO

WASHBURN

DICKINSON 308 (116.1) -•-•

BISMARCK 230 (116.1) -•-•

○ GLENDIVE

GLEN ULLIN

BEACH ○ GOLVA WORTH

MILES CITY 320 -•-

69 GREEN 2 256 80 27 250 30 DRISCOLL

4000 5000 238 153 100 99

NEW ENGLAND ○

DICKINSON BISMARCK

TO JAMESTOWN

BAKER ○ + WYMAN

RHAME ○ ○ BOWMAN

+ HETTING

MONT. ND SD

BILLINGS 7

○ MOBRIDGE

MINNEAPOLIS DENVER MONT WYO. S.D.

BLACK HILLS NEWELL ○ RUSHMORE

RAPID CITY 221 (116.1) -••-

PIERRE 347 (116.1) -•--•

GERONIME HALLEY

RAPID CITY AAB 396 (126.1R)

144 RED 31 69 246 On request PHILIP PIERRE

HIGHLIGHT 122 66

PHILIP 206 -••-

CHART 27

HURON

FARGO 11

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓞ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

49° 100° 99° N.D. 98° 97° 96° MINN. 95°

PEMBINA

+ ROLLA

77

○ LANGDON

257

PEMBINA 260

170

4000

344

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

CANDO ○

72

170

4000

STATUTE MILES 0 25 50

○ DEVILS LAKE

Ⓡ THIEF RIVER FALLS

GRAND FORKS

48°

80

260

○ HARVEY

GRAND FORKS 278

BLUE 8

CROOKSTON

MINNEAPOLIS 14

○ NEW ROCKFORD

Ⓡ MOHR

○ MATHENY

165

350

160

66

JAMESTOWN

JAMESTOWN 344 (116.1)

VALLEY CITY

FARGO 365 (116.1)

47° DAWSON

4000

257

83

260

PARK RAPIDS ○

Ⓡ BISMARCK 250

73

GREEN 2

DETROIT LAKES

BISMARCK 230

99

88

WHEATLAND 26

FARGO 388 (118.7)

BARNESVILLE 26

307

GREEN 2

WADENA ○

LISBON ○

ABERCROMBIE ○

HOMESTEAD ○

STATE SCHOOL OF SCIENCE ○

97

186

ASHLEY

345

FERGUS FALLS

120

46°

219

ASHLEY (W) 206

16

ND S.D. MINN.

300

○ BRITTON

ALEXANDRIA 239 (116.1)

EUREKA

AMBER 4

109

SISSETON

ALEXANDRIA

ABERDEEN

GRACEVILLE ○

○ MORRIS

BISMARCK 10

ABERDEEN 329 (116.1)

WATERTOWN 382 (116.1)

166

ORTONVILLE Ⓡ

BENSON ○

177

MINNEAPOLIS

289

MILBANK

APPLETON

WILLMAR

RED 31

45° BIEDENFELT

75

256

76

WILLMAR 254 (116.1)

MADISON

98

MONTEVIDEO

357

W. W. HOWES

113

WATERTOWN

224

70

REDWOOD FALLS ○

HOFER-KANNEGIETER

MILLER

346

MARSHALL

HURON 353 (116.1)

PIERRE 347

263

RED 31

WESTBROOK

BROOKINGS

SIOUX FALLS 245

234

RED 5

293

CARTHAGE

SIOUX FALLS

44

90

100° 99° 98° 96° 95°

44°

CHART 28

MADISON

FLANDREAU

OVER

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	**239(AE)(116.1)**	**BML**Z-DTV,186°,2	(4); 116.1
BARNESVILLE FM	**(- -)**	**FM,** 127°, 26	Fargo, N.D.
WILLMAR	**254(IW)(116.1)**	**SBM**RAZ-DTV,357°,3.5	(4); 116.1
		DAKOTA	
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-DTV	(3); 116.1
Fargo-Hector Arpt	388(118.7)	C, 260°, 0.9	(4);118.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-DTV,253°,1 5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5 5	Fargo.
WHEATLAND FM	(. . - - -)	FM, 260°, 25.5	Fargo.
		SOUTH DAKOTA	
ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1
HURON (W.W.Howes)	353(HR)(116.1)	BMRLZ-DTV,44°,2.7	(4);116.1
WATERTOWN	**382** (WU)(116.1)	BMRLZ-DTV.256°.2.8	(4);116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80 oct.No sto.Fld lgts on req.
Appleton	1.9 NNE,riv S	1010	34 S6	80 oct.No sto.P-line S,SE,
Benson	2.4 NW	1031	22 S2	80 oct.P-line NW SW
Crookston	3 NNW,RR N	875	30 S6	80 oct.No sto.Obst.
Detroit Lakes	2.7 W,RR N	1392	35 S6	80 oct.No sto. sur fld.
Fergus Falls	4.3 W;riv E	1160	20 S6	80 oct.Poleline W
Graceville	0.8 WNW,RR S	1110	16	Poleline S.
Madison	1 S, hwy W	1086	31 L3 S6	80 oct.
(P) Marshall	1.5 W;RR S,E	1167	30 S6	80 oct.P-line S.
Montevideo	2.2 NNE;hwy W	950	25 S1	80,91 oct.P-line NW.
(P) Morris	2.7 WSW,RR N	1134	31 S2	80 oct.Trees,poleline NW
Ortonville	1 ESE,hwy S	1090	21	Hwy W.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct.
Redwood Falls	1.8 NE,riv NE	1025	25 S1	80 oct.Poleline SE,SW.
Thief River Falls	3.6 S, riv W	1110	25 S2	80 oct. Trees NW
Wadena	1 E,RR NW	1300	30 S4	80 oct.No sto.P-line S,NW
Westbrook	1 SE,hwy N	1500	18 S1	80 oct.
Willmar,16,HR-MP	1.5 W,RR E	1130	30 R1 L3 S6	80 oct.P-line E.

NORTH DAKOTA

Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2025	40 L3	
Cando	1.1 SW,RR E	1490	26 S1	80 oct.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	
(P) Devils Lake	2.5 W,hwy S	1450	43h	Poleline W
(A) FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91 oct;100 oct,JP-1 Army
(P) GRAND FORKS	2.6 WNW,RR S, E	837	49h R1 L5 S6	80,91 oct.ARPT OF ENTRY.
Harvey	1.9 N,RR SW	1605	30 S1	80 oct.
Homestead(Wynd-mere)	6.2 N,hwy W	1100	19 S1	Ltd 73 oct.Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	18 S1	80 oct.
Lisbon	0.8 SSW,RR SE	1151	21 S1	73 oct.Polelines N,S.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S1	80 oct.Poles NE,NW.
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct.
New Rockford	1.5 N	1533	30	
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct.Ngt svcg on req. ARPT. OF ENTRY.
Rolla	0.7 N,lake S		21 S2	80 oct.Data unver.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct.Poleline N;pwrline E.
(P) Valley City, 71,HL-Twin Cities	1.5 NW,riv NE	1375	38h L1	

SOUTH DAKOTA

(P) Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct.Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
Eureka (NC)	6 N, rd W	1895	28	Poles W.
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct.Poles sur fld.
Hofer-Kannegieter (Willow Lake)	1.5 E	1787	22 S2	73 oct.Poleline N.Data unver.
Madison	3.7 ENE,hwyS	1688	26 S2	80 oct.Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
(P) W.W.HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.

NEW AIRPORTS

Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct..Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct. Pwr line SE,NNE.
Britton Mun.,(S.D.)	2 NNE;RR W	1350	24 S1	73 oct.Poles W.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA.

RADIO

MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DULUTH (Williamson-Johnson)	221 (DH)	SBRAZ-DT, 13°,3.9	(4)
HAMEL FM	(- - - -)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 118°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 238°, 26	Minneapolis
MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-DTV	(3):116.1
→ WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (118.3) +	AC(ILS):298°3.6	(4);122.5,126,18,118.3

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WOLD CHAMBERLAIN	109.9 ·—·	333.8	354°	IM-	MM- ·—· (0.76)	OM- — (4.7)	
					MMK-201 ···	OMK-219 —	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet.

MINNESOTA

	AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
	Anderson (Cocato)	2.6 ENE,RR S	1020	23 S1	80 oct.Poles S; trees W.
	Anoka Flying Service	1.2 SE,riv SW	896	19 S4	80,91 oct.Poles NE;629' twr SE. ARPT
	Baudette	1 N, riv NE		27 S2	80 oct. Data not verified. OF ENTRY
(P)	Bemidji	3.8 NW;hwy S	1395	57h S6	80, 91 oct.
	Brainerd	1.3 SSE,hwy W	1210	25 S6	80 oct.
(A)	Camp Ripley (Little Falls)	7.5 N, riv E	1149	70	Water twrs SE. (A)
(P)	Carleton (Stanton)	0.7 NE,RR W	870	30 S6	80 oct.Flares on req.Obst sur fld.
→	Cedar (Minneapolis)	8.5 S, RR W			ABANDONED
	Coleraine	0.8 SSE;lake SE	1390	25 S4	80 oct.
	Ely	1.2 E	1425	24 S2	Poleline W;trees sur fld.
	Faribault	1.6 S,hwy W	1060	20 S1	80 oct. Pwr line W.
(N)	Fleming (South St. Paul)	1.8 S;riv NE	822	15h S6	80,91 oct.No sto.Flares on prior req.
	Flying Cloud (Minneapolis)	13.8 SW, riv S	900	30 S6	80 oct. P-line S,NE.
	Gervais (Tofte)	1.2 NE,hwy S	800	28 S5	80 oct.
	Grand Rapids	1.5 SSE,lake NE	1293	22 S2	80 oct.
	Hector	0.7 S, RR N	1100	25 S1	80 oct.Poleline W, NW, SW.
	Heywood Gull Lake (Nisswa)	1.7 SSW,lake S	1200	26 S1	80,91 oct.Trees,poles sur fld.
(P)	Hibbing	4.5 SE,lake NNW	1367	40h S6	91 oct.
	Kenyon	0.8 S;RR E,N	1240	20 S1	80 oct.Poleline N, NE.
(P)	Lake City (Frontenac)	0.5 SE,RR N	775	44 L3 S6	80 oct.
	Le Sueur	1.1 S,riv W	900	24 S4	80 oct.No sto.Rolling.
	Litchfield	1.2 NE;hwy N,W	1140	24 S2	80 oct.
	Littlefork	1.8 WNW,riv E	1153	19 S2	80 oct. Poleline S.
	Mankato	1.7 SE,hwy W	996	33 L1 S6	80 oct.Pwrline E, NE.
(P)	Monticello	1.3 NNE,road S	940	50 S6	80 oct.
(P)	New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
	Northport (White Bear Lake)	3.2 E, hwy N	1000	23 S6	80 oct.
	Osseo	2 NE	875	30	Data not verified.
(P)	Otis Lodge (Grand Rapids)	7.5 SW,lake S	1293	26 L1 S4	80 oct.
	Pleasant Corners (Dodge Center)	2 ESE;RR N,W	1050	13 S1	80 oct.Poles S, W blocked.
	Princeton	1 W, RR E		20 S1	80 oct. Data not verified.
	Robbinsdale	0.8 NW,RR E	879	14 S6	80 oct. Obsts N, S.
	St. Paul	1.5 SE,riv E,N	704	55h L4 S6	80,91 oct.
	St. Peter	2.4 NNW,riv E	900	20 S4	80 oct.No sto.P-line S
	Sells Flying Field (Mayer)	0.4 SSE	750	12	(NC)
	Taylor Falls	1.5 W;riv E	950	23 S6	80 oct.
	University of Minnesota (New Brighton)	3.8 N, hwy W	909	34 S6	80 oct. Trees E.
	Victory (Minneapolis)	9 N, riv E	860	33 S6	80 oct.

MINNESOTA

	AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
	Virginia	2 WSW,bet RRs	1429	35 S4	80,91 oct.P-line N.
	Waseca	0.5 S,RR NW	1150	39 S1	80 oct. Poleline N,W, E.
(P)	Whitney Memorial (St. Cloud)	1.5 NNW;riv E,N	1034	35 L3 S6	73,80 oct.
(P)	WILLIAMSON-JOHNSON (Duluth)	6.5 NNW,hwy S	1428	57h R1 S6	80,91 oct. Closed ngts. except airlines ARPT OF ENTRY
	Winona	4.5 WNW	670	19 L3 S1	80 oct. Bet. RRs.
(A,N)	WOLD CHAMBERLAIN (Minneapolis)	6.5 SSE,hwy S	834	59h R3 L4 S6	80-100 oct. JP-1. Rdo rec required. N blkd. Ltd maint facs for mil acft-
	Wyman (Aitkin)	1.3 N,riv S	1200	8	Poles W. Open to all acft.

WISCONSIN

	AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
	Amery	3.4 NNW,hwy N	1100	26 S1	80 oct.Poleline SE.
	Arrowhead (Rice Lake)	1.3 SE,lake SE	1147	24 S4	80 oct.Trees SE.Data unverified.
	Ashland	2.5 SSE,RR E	700	22 S3	80 oct. Hi-lines NE, SW.
	Boyceville	0.5 SSW,hwy N	948	24 S2	80 oct.Obsts sur fld.
	Boyd's Mason Lake (Fifield) (NC)	13 WSW,lake NW	1200	26	
	Chetek	1.5 SE,RR S	1050	22 S1	80 oct.Trees N,SE,NW; pole S.
	Chippewa Falls	2 S,RR NW	910	26 S2	80 oct.Pole line W, NW.
	Colby-Abbotsford (Colby)	1.2 NNW,RR E	1400	19 S1	80 oct.
	Dallas	0.7 SSE,RR W	1100	22 S1	80 oct.Pole line S.
	Eau Claire	1.5 SSE,riv NW	884	40 S6	80 oct. Obsts sur fld.
(P)	Eau Claire Municipal	3.5 NNE,riv NW	885	43h	
(P)	Hayward	2 NE,RR NW	1200	30 S1	80 oct.
	Hudson Flying Service	3.8 E,hwy N,W	850	15	Pwrline N, W.
	Jackson Co. (Black River Falls)	2 E, RR W	855	25 S1	80 oct.
	Marshfield	2.3 SSW,hwy W	1253	20 S2	80 oct.
	Neillsville	5.7 W,hwy SW	1000	21 S1	80 oct. Trees around fld.
(P)	Phillips	1.2 N,riv S	1140	30	Poleline W,SW
	Pines (Bloomer)	0.9 E,RR W	1050	16 S1	80 oct. Poles S, W.
	Price Lake (Phillips)	12.5 WNW	1140	22 S1	80,91 oct.Trees on all but lake appch.
	Rice Lake	3.5 NNE,RR W	1150	37 S1	80 oct. Poles sur fld.
(P)	Richard Bong (Superior)	2.3 SW,RR E	674	33 S4	80 oct.Pole line SE. 353' twr NW.
	Rusk County (Ladysmith)	2.8 SE,RR SW	1150	11 S1	80 oct.
(P)	Schlosser (Durand)	2.4 NNW,riv W	800	32 S1	80 oct.
	Spooner	5 N	1072	20 S1	80 oct.Data not verified.
	Taylor County (Medford)	2 SE	400	22 S2	80 oct.Pole line N; Rnwy data unver.
→	Veterans (Menomonie)	0.4 W,riv W			ABANDONED.

NEW AIRPORTS

Owatonna (Minn.)	2.7 NW	1138	25 S4	80 oct.Data unver.
(P) INTERNATIONAL FALLS, (Minn.)	2.2 S	1175	30h S4	80 oct.No sto.
Aitken Mun. (Minn.)	1.7 ENE;riv W	1208	26 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC (not charted). → NEW OR REVISED DATA.

14 MINNEAPOLIS

R: EXTREMELY HAZARDOUS D: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC MANDATE)

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

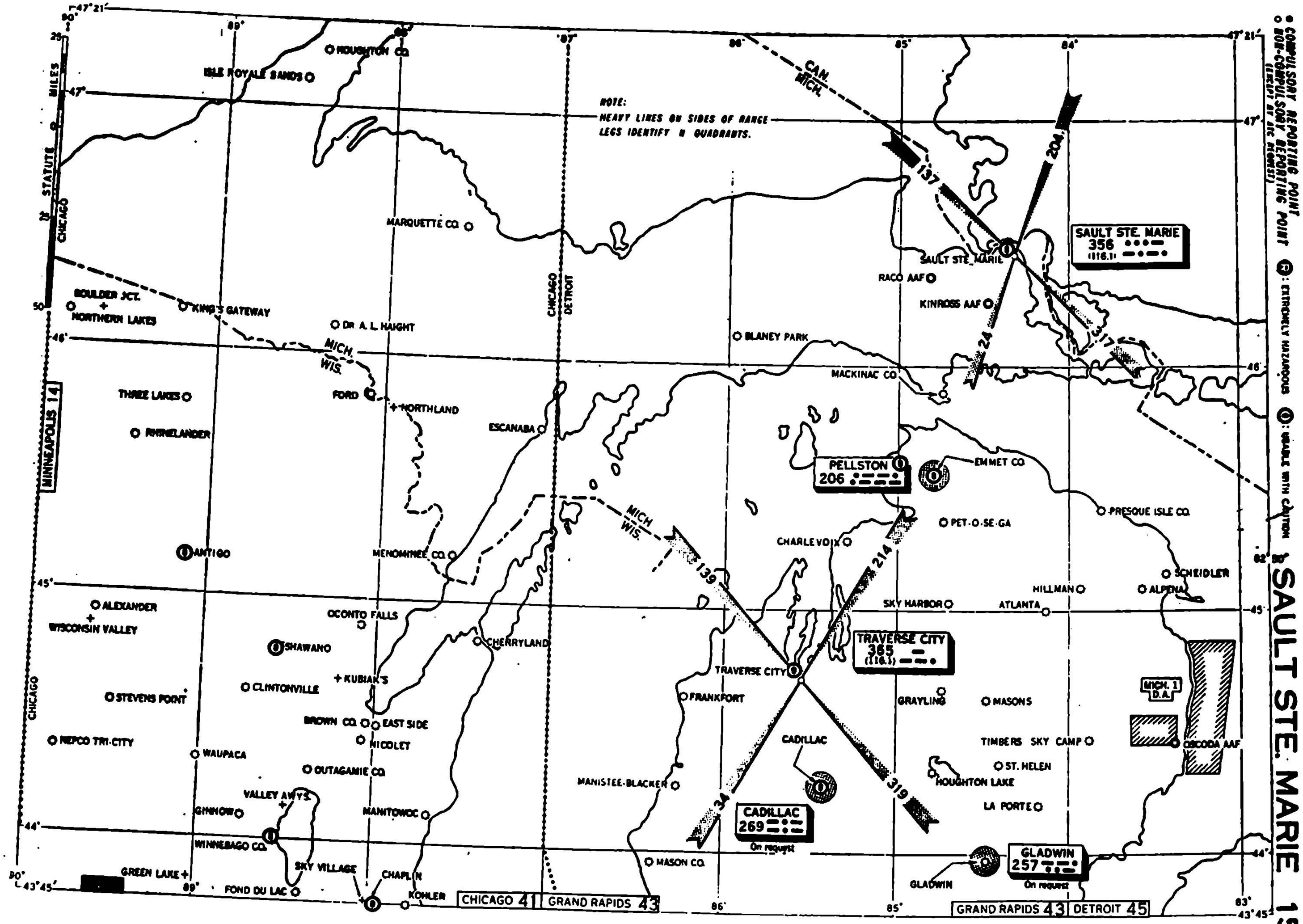
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS INDICATE A QUADRANT

95° 94° 93° 92° 91° 90°

49° 48° 47° 46° 45° 44°

25 0 25 50 MILES
25 0 25 50 STATUTE

BAUDETTE
INTERNATIONAL FALLS
CAN. MINN.
LITTLE FORK
ELY
BEMIDJI
VIRGINIA
HIBBING
COLERAINE
GRAND RAPIDS
OTIS LODGE
GERVAIS
FORT WILLIAMS
193
1000
171
WILLIAMSON-JOHNSON
89
269
FARGO 11
DULUTH 221
RICHARD BONG
WYMAN
AITKIN MUN.
HEYWOOD
BRAINERD
ASHLAND
WISC MICH
GOGEBIC CO.
CAMP RIPLEY
HAYWARD
MINN WISC
13
141
SPOONER
ALEXANDRIA 239
WHITNEY MEM.
PRINCETON
PRICE LAKE
PHILLIPS
SAULT STE MARIE 15
GREEN 1
300
131
MONTICELLO
ANOKA
VICTORY
TAYLOR FALLS
AMERY
RICE LAKE
ARROWHEAD
RUSK CO.
LITCHFIELD
98
ANDERSON
RED 31
118
OSSEO
U. OF MINN.
MINNEAPOLIS 266 (116.1)
CHETEK
DALLAS
PINES
TAYLOR CO.
264
HAMEL 24
WILLMAR 254
NORTHPORT
HUDSON
BOYCEVILLE
ROBBINSDALE
ST. PAUL
FLEMING
CHIPPEWA FALLS
EAU CLAIRE MUN.
COLBY-ABBOTSFORD
WOLD-CHAMBERLAIN 278 (116.3, 126.1)
FLYING CLOUD
HASTINGS 10
HECTOR
JORDAN 26
EAU CLAIRE
LAKE CITY
SCHLOSSER
MARSHFIELD
298
SIOUX FALLS 245
58
RED WING
NEILLSVILLE
234
LE SUEUR
CARLETON
ST. PETER
NEW ULM
ROCHESTER 236
170
JACKSON CO.
FARIBAULT
KENTON
MANKATO
WASECA
OWATONNA
WINONA
LA CROSSE 371
120
236
WISC. 2 D A
PLEASANT CORNERS
RED 36
CHART 29


● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (REPORT AT ATC REQUEST)
E: EXTREMELY HAZARDOUS
H: HAZARDOUS WITH CAUTION
SAULT STE. MARIE 15
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY H QUADRANTS.
CAN.
MICH.
MICH.
WIS.
MICH.
WIS.
137
204
24
139
214
34
319
SAULT STE. MARIE
356
(116.1)
PELLSTON
206
TRAVERSE CITY
365
(116.1)
CADILLAC
269
On request
GLADWIN
257
On request
MICH. 1
D.A.
CHICAGO 41
GRAND RAPIDS 43
GRAND RAPIDS 43
DETROIT 45
MINNEAPOLIS 14
CHICAGO
CHICAGO
DETROIT
STATUTE MILES
HOUGHTON CO
ISLE ROYALE SANDS
MARQUETTE CO
SAULT STE. MARIE
RACO AAF
KINROSS AAF
BLANEY PARK
MACKINAC CO
BOULDER JCT.
NORTHERN LAKES
KING'S GATEWAY
DR. A. L. HAIGHT
THREE LAKES
RHINELANDER
FORD
NORTHLAND
ESCANABA
EMMET CO
PRESQUE ISLE CO
PET-O-SE-GA
CHARLEVOIX
SCHEIDLER
ALPENA
HILLMAN
SKY HARBOR
ATLANTA
ANTIGO
MENOMINEE CO
ALEXANDER
WISCONSIN VALLEY
OCONTO FALLS
CHERRYLAND
SHAWANO
CLINTONVILLE
KUBIAK'S
STEVENS POINT
BROWN CO
EAST SIDE
NICOLET
NEPCO TRI-CITY
WAUPACA
OUTAGAMIE CO
VALLEY AWYS
GINNOW
MANITOWOC
WINNEBAGO CO
SKY VILLAGE
CHAPLIN
KOHLER
GREEN LAKE
FOND DU LAC
MASON CO
MANISTEE-BLACKER
TRAVERSE CITY
FRANKFORT
GRAYLING
MASONS
CADILLAC
TIMBERS SKY CAMP
ST. HELEN
HOUGHTON LAKE
LA PORTE
OSCODA AAF
GLADWIN
90°
89°
88°
87°
86°
85°
84°
83°
82°
47°21'
47°
46°
45°
44°
43°45'
50
25

RADIO — MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CADILLAC (Int.)	269(KK)	MHT.	(4)
GLADWIN	257 (GU)	MHT	(4)
PELLSTON (Emmet County)	206 (PJ)	MHT	(4) (6-22)
SAULT STE. MARIE	356 (VC)(116.1)	SBMRAZ-DTV,317°,2.2	(4); 116.1
TRAVERSE CITY	365 (TG)(116.1)	SBMRAZ-DTV,319°,2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alger County (Munising)(NC)	4 SSE,hwy E	850	24	Twr N; woods all sides.
Alpena	6.5 WNW;RR S	685	50h	
Amasa (NC)	4 NW	1560	14	Not maintained.
Atlanta	0.8 ESE	875	20	Trees N, NW, W.
Au Gres (NC)	0.9 NNW,hwy S	590	20	Poles NE,SW.
Baldwin (NC)	1.3 SSE,RR W	835	25	
(P) Beaver Island (St. James) (NC)	4.2 SSW	620	35	
(P) Bellaire (NC)	1 NE,RR W,S	614	30	Poles SE;trees surround fld.
Big Lake (NC)	7.3 SW Baraga	1100	20	Trees on all sides.
Blaney Park	0.5 NW;lake N	850	18 S1	80, 100 oct.
(P) Cadillac, 23, TL-VC	2.5 NW,RR E	1297	34 R1 L3 S6	80 oct.
Calvin Campbell Mun. (NC) (Indian River)	0.8 SE;RR,hwy W	602	20	Pole line N,trees E,W,S.
Charlevoix	0.8 SW,lake NW	642	30 S2	80 oct. Poles W,NW,E.
D.A.R.(Rexton) (NC)	1.9 WSW:RR N	900	22	Poles N.
Doherty (Clare)(NC)	1 NE	840	21	Poles S; NE corner rough.
(P) Dr. A. L. Haight (Crystal Falls)	1.3 ENE;lake E	1390	34 L1 S4	80 oct. Bldg SW,WNW.
East Jordan (NC)	1.9 SSE,riv W	640	26	Trees E, W.
(P) Emmet County (Pellston)	0.6 NW,RR E	707	54h R1 L3 S1	80,91 oct. Lgts on req.
Escanaba	2 SSW,hwy E	594	26 S4	73,80 oct.Trees E.
Ford (Iron Mountain)	2.5 W,riv W	1140	23 S6	80,91,100 oct.
Frankfort	1.9 ESE,lake W	650	29 S1	73,80 oct. Sur by hills.
(P) Gladwin	0.5 SSE,riv W	780	35 R1 L3 S2	80 oct. Poles NW.
(P) Grayling	1.3 NW,RR W	1152	50h	
Harrison (NC)	2.3 NNW,hwy E	1100	22	Surrounded by trees.
Hillman	2.8 NW	995	20 S1	Ltd 73 oct.Woods all sides.
Houghton Co. (Calumet)	2 SE,RR W	1200	26 S4	80 oct. Twrs, poles W
Houghton Lake (Houghton Heights)	1.2 WNW,lake NNE	1150	27 S2	73,80 oct.Radio twr W.N. lgtd.
Ishpeming-Dexter (NC)	7 W;RR N,S	1570	25	Poles N.
Isle Royale Sands (Houghton)	2 ESE;lake SW	605	22 S4	80 oct.
Kalkaska (NC)	0.5 WNW,RR E	1020	26	
(A) Kinross (A)	2.5 SE	780	55h	TMP INACT NO FACS
La Porte (West Branch)	6 SE,RR W	890	26	Pole line NW; trees NE, SW.
Luce County (Newberry) (NC)	4.1 SE,hwy S	872	20h	Poles S, trees W.
Mackinac Co. (St. Ignace)	2 NNW,hwy E	600	26 S4	80, 91 oct.
Mackinaw City (NC)	5 S,RR W	700	22	
Manistee-Blacker	4 ENE,riv S	613	23 S4	80 oct.
Marenisco (NC)	1.6 E,hwy N	1551	20	ENE,WSW blocked
Marquette County	7.9 W,hwy S	1412	27 S2	80 oct.
Mason County (Ludington)	1.7 ENE	640	30	Poles S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Menominee County	5 NNE,bay E	590	27 S1	80 oct. Trees sur fld.
Mio (NC)	1.6 N,hwy W	1050	26	
Northland (Norway)	2 W	1060	33 S3	80,100 oct. Pole line N.
Norway Township (Loretto)	2.4 S,lake N	860	21	Trees on side strips. (NC)
Onaway (NC)	0.6 NNE,RR S	770	24	Trees SW,NW,SE.
(A) Oscoda AAF (A)	3.5 NW,lake E	605	50h	
Otsego County (Gaylord) (NC)	1 SW,RR E	1384	30	Pole line NE.
Pet-O-Se-Ga (Wildwood)	1.8 NW,lake NW	620	20 S2	80 oct.
Petoskey-Harbor Springs (Petoskey) (NC)	4.5 NE,hwy E,N	620	20	Pole line,ridges E, N.
Poschke's (Harbor Beach)(NC)	2.5 W,rd S	670	18	
Presque Isle (Rogers City)	0.7 SSE,hwy E	658	26 S2	80 oct
Prickett (Sidnaw) (NC)	0.5 N,RR SE	1300	18	Use caution.
(A) Raco AAF (A)	4 WSW,RR N	910	55h	TMP INACT NO FACS
Roscommon (NC)	2.5 SE,RR NE	1100	42	Pole line S.
Roscommon Co. (Prudenville)	4.5 N,riv N	1150	24	Trees sur fld. (NC)
St. Helens	0.9 SE,RR NE	1153	26	
(P) Sault Ste. Marie	1 SSW,hwy E	706	36 R1 L3 S4	80,91 oct.All lgts prior req.ARPT OF ENTRY.
Scheidler (Alpena)	6.3 N,hwy NW	590	22 S4	80 oct.Pole lines N, SW.
(P) Schoolcraft Co. (Manistique)	3.3 ENE,lake S	678	31	Approaches 5:1. (NC)
Sky Harbor (Gaylord)	1 WNW,RR N	1355	26 S1	73,80 oct.Pole line S.
Steuben (Manistique) (NC)	20 NW	850	18	Woods all sides.
Timbers Sky Camp (South Branch)	0.2 NE,riv E	950	24 S1	80 oct.
(P) Traverse City	2.1 SE,RR NE	624	52h R1 L5 S6	80,100 oct. No sto.
Watersmeet (NC)	1.5 NNE,RR SSE	1581	24	Poles SE.
[redacted]				
Alexander (Wausau)	2.5 S,riv SW	1191	27 L4 S4	73,80 oct. Lgts prior req.
(P) Antigo	2 ENE,hwy N	1483	33 S4	80, 91 oct.
Arbor-Vitae (NC)	2.9 W,RR S	1600	22	Pole line E, N.
Boulder Junction	1.5 NW		38 S1	80,91 oct.Data unverified.
Brown County (Green Bay)	2.2 WSW,hwy SE	590	28 S6	80,91 oct.Pole line NE,SE,S.
Chaplin Arpk (Plymouth)	0.5 N,RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay)	2 WNW,bay E	590	40 S2	80 oct.Pole line W,S.
(P) Clintonville	1 ESE,RR SW	828	34 S6	91,80 oct.No sto. Pole line SW.
Eagle River (NC)	1.3 NW,riv NW	1675	32	
East Side (Green Bay)	1.8 SE,RR S	600	19 S1	80 oct. Pwr line N,NE,NW.
Fond du Lac	2.6 ENE,lk NNW	769	26 S2	80 oct. 50' hi-line N.
Ginnow (Omro)	3 N,RR E	800	19 S2	80 oct. Trees SW.
King's Gateway (Land O' Lakes)	0.5 SSE,RR W	1736	31 S2	80 oct. Twr NE; pole line NW.
(P) Kohler	1 N,hwy S	647	30 L1 S6	80 oct. Obst sur fld.
Manitowoc	1.6 NNW,RR W	653	26 L3 S4	80 oct. No bcn. Obsts sur fld.
Merrill (NC)	1.2 NNW	1285	22 S2	80 oct.
Nepco Tri City (Wisconsin Rapids)	2.5 SSW,riv W	950	36 L2 S6	80 oct. Lgts on req.
Nicolet (De Pere)	1.5 S,RR E	620	22 S4	80 oct.Pole line E,W.Data unver.
(P) Northern Lakes (Manitowish)	6.8 E,hwy N	1600	35 S1	80 oct. Trees E,W.
Oconto Falls	2.7 ENE,RR S	600	20 S1	80 oct. Pole line N.
Outagamie Co.(Appleton)	2.2 ENE,RR S	750	29 S2	80 oct. Obsts sur fld.
(P) Rhinelander	2 W,riv SE	1598	37 S2	80 oct. 10' bank NE.
Shawano	2.3 ENE,lk NE	813	40 L S6	80,91 oct.Poles SW.Rnwy data unver.
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver. Lgts prior req.
(P) Stevens Point	3 NE,riv SE	1090	40h S6	73,80 oct.
Three Lakes	0.5 S	1664	23	Bldgs, trees around fld.
Tomahawk (NC)	0.5 WNW	1450	15	
Valley Airways (Neenah)	4 SSW,RR E	750	21 S2	80 oct.P-line E. Data unver.
Washington Island (NC)	0.6 NNE of Detroit Harbor	600	24	
Waupaca	4 ESE,riv N;E	853	25 S1	80 oct.Trees around fld.
(P) Winnebago Co. (Oshkosh)	2 SSW,RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE,N,W.
Wisconsin Valley Inc.(Wausau)	7 S		34 S2	83 oct.Data unver. Rnwy data unver.
NEW AIRPORTS				
(P) Masons (Grayling,Mich)	12 ESE;riv N	1000	40 S1	91 oct.
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.
Kubiak's (Pulaski,Wisc.)	1.2 E	781	26 S4	Data unver.

RADIO — MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA	221(AW)(116.1)	BMRLZ-DTV;81°,2	(4); 116.1
BANGOR (Dow)	239(BB)(116.1)	SBRAZ-DTV;172°,2.1	(4);116.1
DOW (Bangor)	278 (126.18)+	CA (ILS-W)	(3);126.18,118.7
EAST CORINTH FM	(- - - -)	FM, 352°, 13.5	Bangor.
HOULTON	272(HJ)	MRLWZ;195°,3.1	
LIMESTONE FM	(-)	FM, 57°, 22.3	Presque Isle
MILLINOCKET	344(MT)(116.1)	SBRAZ-DTV;292°,1.6	(4); 116.1
PRESQUE ISLE	388 (ZQ)	SBRAZ-DT;189°,3.4	(4)
Presque Isle AAF	278 (126.18)	AC(ILS-W)	(4);118.7,122.5,116.1,126.18
Presque Isle AAF	365 (RU)	SBMLZ; 9°, 3.8	(4)
NEW YORK			
MASSENA	108.7(ME)	VARW	
VERMONT			
BURLINGTON	323(JG)(116.1)	SBRAZ-DTV	(3); 116.1
Burlington Airport	278(126.18)	C; 151°,2.8	(4);122.5,126.18
GRANDE ISLE FM	(- - - -)	FM, 349°, 15	Burlington
HUNTINGTON FM	(- -)	FM, 151°, 17	Burlington
MONTPELIER (Barre-Montpelier)	257 (UV)	MRLWZ;230°,2.8	
VERGENNES FM	(- - -)	FM, 210°, 25.4	Burlington

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
DOW (L6)	109.9		153°	IM- (0.06)	MM- ····· (0.81)	OM- -- (4.60)
					MMK-	OMK-
PRESQUE ISLE AAF	109.9		8°	IM- (0.06)	MM- ·•···(0.85)	OM- --(4.47)
					MMK- 201 (0.85)	OMK- 219 (4.47)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and **Voice; W**-Without **Voice; Z-VHF Range Station Location Marker; (3)**-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, **3117.5 kcs.**
Parenthetical Numbers **in** Frequency Column **indicate VHF** Voice. + - Army **A.C.S.** transmits **on and** guards 116.1, **137.88, 140.58 mcs.**

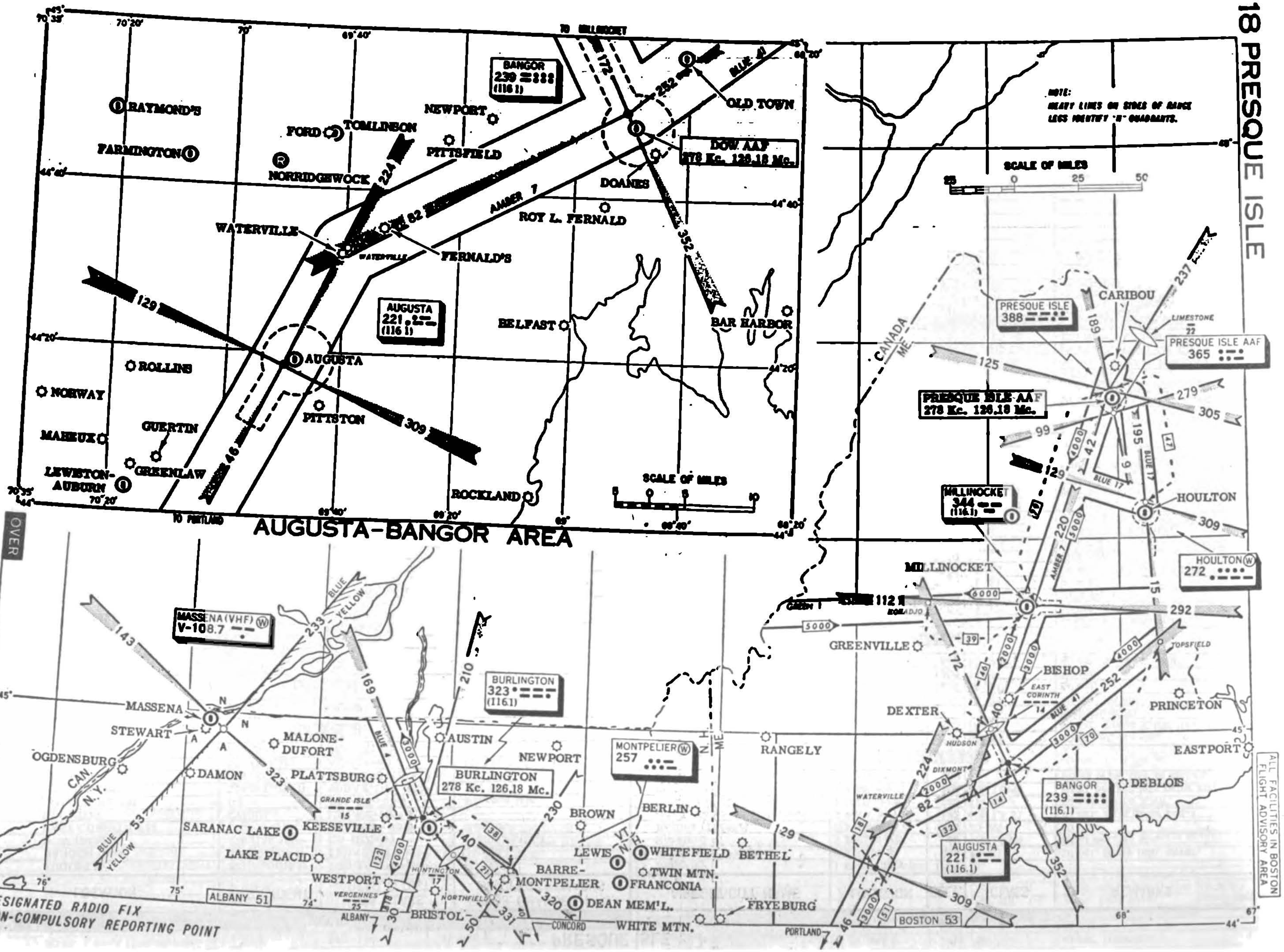
AIRPORTS — MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
AUGUSTA	1.5 WNW,hwy S	354	34h R1 L5 S6	80,91 oct.Fld lgts prior req.
Andover (NC)	2.5 S,hwy E	675	14	1125' hill, pole E.
Bar Harbor	9 NW,hwy W	87	45h S6	80 oct.
Bethel	1.6 NW,RR E	660	20 S1	80 oct.
Belfast	1 SW,hwy E	160	40h S4	80 oct. No sto.
Bishop (LaGrange)	0.8 N,RR W	360	20	WSW,ENE blocked.
Caribou	1 NW,hwy E	623	35h S6	80 oct.No sto.Bldg E.ARPT OF ENTRY.
Deblois Flight Strip	2 SE,riv W,N	219	40h	
(P) Dexter	3 ESE,rd W,S	485	30h S2	80 oct.
Doanes (Brewer)	1.6 S,RR W	100	15 S5	80 oct. Poles NNE; trees SE.
(A) DOW (Bangor)(A)	2 W,RR S	160	70h R3(L6)S4	100 oct.
Eastport	1.5 WNW,hwy NE	70	28h S1	80 oct. Pole line NW.
Fryeburg Arpk	1.3 E,RR S	400	20 S2	80 oct. Pole line S.
Greenlaw (Auburn)	1.8 W,hwy S	238	14 S6	80 oct. Bldg S.
Greenville	2 ENE	1750	30h L3 S1	80 oct.
Guertin (Lewiston)	1 NE	220	12 S2	87 oct. Trees, poles SSW.
(P) HOULTON	2.5 E	493	57h L5 S6	80 oct.
(P) LEWISTON-AUBURN (Auburn)	4.5 SW,RR W	290	45h L5 S4	80,91 oct.
Maheux (Minot)	3.5 NNW,hwy NE	720	21 S6	80 oct. Trees SSE.
Millinocket	0.5 SE,hwy W	404	50h R1 L5 S1	91 oct. Fld lgts prior req.
Newport	1.5 ESE,hwy N	280	21 S1	Ltd 80 oct. Pole line N.
Norridgewock	3.7 W,riv NE,W	270	40h	Trees ENE.
Norway	1 N,RR S	387	18 S1	80 oct. Pole line SE.
Old Town	1.8 NNW,riv N	109	40h L3 S5	80 oct.
Pittsfield	0.7 SSE,hwy E	190	40h S6	80 oct. Sand pile, bldg E.
Pittston	1.8 ENE,RR W	140	18	NW,SW,S blocked.
(A) PRESQUE ISLE AAF (A)	1.5 WNW,RR E	529	68h R3 L6 S4	91,100 oct.No sto.ARPT OF ENTRY.
Princeton	1.5 SSE,hwy NE	250	40h	

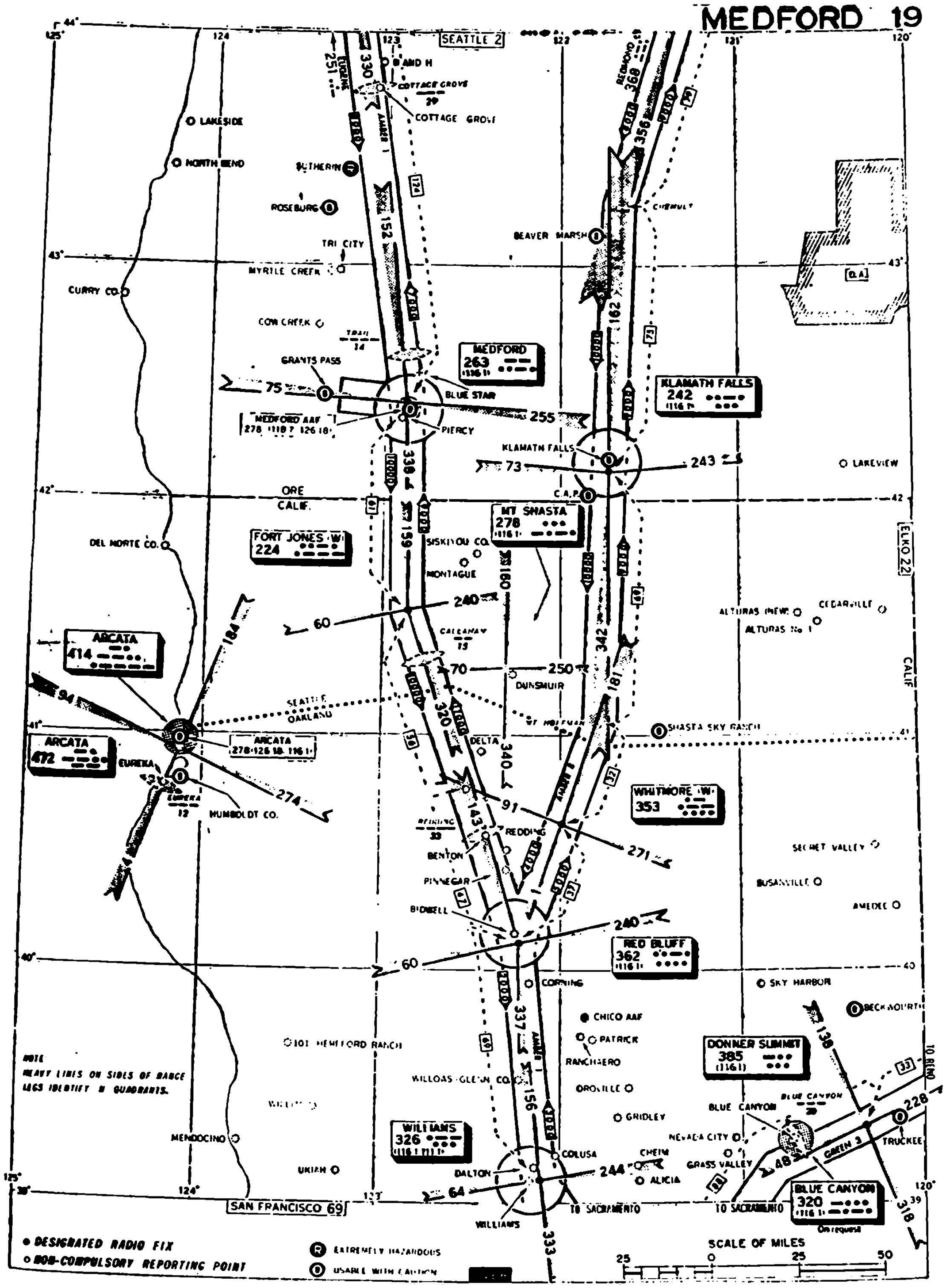
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted) ➔ NEW OR **REVISED DATA**

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Rangeley	1.6 NNW,hwy S	1810	15	
Raymond's (Phillips)	0.8 S,riv E	556	20 S1	80 oct. Rnwy info. unver.
Rockland	3 SSE,rd NE	49	45h L5 S6	80,91 oct. No sto.
Rollins (Turner)	2.5 NNW,rd E	335	20 S6	80 oct.
Roy L.Fernald (Winterport)	3 WNW,hwy S	182	40h L3 S1	80 oct. Lgts prior req.
Tomlinson (Skowhegan)	1 NNE,riv S	240	21 S6	80 oct. Poles S,NW.
Waterville	1.8 SW,riv E	303	40h L5 S6	80,91 oct.Fld lgts prior req.
Weston (Madison) (NC)	1 N,riv W	300	19	Poles WSW.Use in emerg.
NEW HAMPSHIRE				
Berlin	7.5 N,riv W	1140	52h S3	80,91 oct. No sto.
Dean Memorial (Haverhill)	4.1 NE,RR W	570	18 S1	80 oct. Trees N,NW.Rnwy data unver.
➔ Lancaster Arpk.	0.3 N,riv W			ABANDONED.
Lewis (Littleton)	2.5 E,RR S	900	18 S6	80 oct. No sto.
Twin Mountain	0.8 SW,RR N	1430	18 S1	80 oct.
Whitefield	3 ESE,RR N	1030	24 S1	73 oct.
White Mountain (No.Conway)	1.9 SSE	540	20 S4	80 oct. Trees W, NW.
NEW YORK				
Bradley (Watertown) (NC)	2.2 N,RR E,W	435	18	Rough. Pole line W,SW.
Damon (Potsdam)	1.5 E,riv,RR W	460	19 S1	80 oct. Pole line N.
Keeseville	1.4 S,riv W	490	20	Pole W.
Lake Placid	2 SE,RR NW	1750	21 S1	80 oct.
(P) Malone-Dufort	2 W,RR N	790	40h S1	80 oct. ARPT OF ENTRY.
Marcy (Keene) (NC)	2.5 S,hwy E	1000	18	Mtn N,S.
(P) Massena	2.2 E,riv SE	200	40h L1 S6	80 oct.Bcn on req.Trees WSW. ARPT OF ENTRY.
(P) Ogdensburg	1.5 SE,RR W	285	30 S6	80 oct. ARPT OF ENTRY.
(P) Plattsburg, mun.	3.4 WSW,riv W	375	50h L5 S1	80, 91 oct.
(P) Saranac Lake	5.3 NW,RR NW	1655	40 L1 S1	80 oct. Bcn on prior req.
Stewart (Massena)	2.1 SE,RR NE	210	20	
Tupper Lake (NC)	1 E,RR NW	1680	8	Use strips only.
Westport	2 S,RR W	285	22 S2	80 oct.
VERMONT				
Austin (Swanton)	1.7 NE,RR W	235	30 L S6	80 oct.No sto.Port rnwy lgts. ARPT OF ENTRY.
BARRE-MONTPELIER(Berlin)	0.8 SE	1149	40h L5 S2	80,91 oct.
Bristol	0.7 W,riv SE	570	22 L S6	80 oct.Port rnwy lgts.1680' mtn SE.
BURLINGTON	3 E,lake N	334	43h R2 L5 S6	80,91 oct. ARPT OF ENTRY.
Newport	3 SSW,RR E	930	40h L2 S1	Ltd 80 oct.All lgts prior req.
NEW AIRPORTS				
Farmington Arpk, (Me.)	4.5 N;rd W	430	17 S6	80 oct. No sto.
Fernald's (Benton,Me.)	0.6 WNW;hwy S	120	18 S6	80 oct.No sto.WNW blkd.
Ford (Skowhegan,Me.)	1 NNW	230	15 S2	80 oct,Bluff SW,Fairground S
Franconia Arpk, (N.H.)	2 SE		20	
Brown (St.Johnsbury,Vt.)	5.2 N;RR E	807	23 S2	80 oct.Hills W,SW.


AUGUSTA-BANGOR AREA
RAYMOND'S
FARMINGTON
NORRIDGEWOCK
FORD
TOMLINSON
NEWPORT
PITTSFIELD
BANGOR
239
(116.1)
OLD TOWN
DOW AAF
278 Kc. 126.18 Mc.
DOANES
ROY L. FERNALD
WATERVILLE
FERNALD'S
AUGUSTA
221
(116.1)
BELFAST
BAR HARBOR
ROLLINS
NORWAY
MAHEUX
LEWISTON-AUBURN
GUERTIN
GREENLAW
PITTSTON
ROCKLAND
TO MILLINOCKET
TO PORTLAND
SCALE OF MILES
NOTE:
HEAVY LINES ON SIDES OF BLACK
LEGS IDENTIFY "R" QUADRANTS.
SCALE OF MILES
PRESQUE ISLE
388
CARIBOU
LIMESTONE
PRESQUE ISLE AAF
365
CANADA
ME
PRESQUE ISLE AAF
278 Kc. 126.18 Mc.
MILLINOCKET
344
(116.1)
HOULTON
HOULTON
272
MILLINOCKET
GREENVILLE
BISHOP
EAST CORINTH
TOPSFIELD
DEXTER
PRINCETON
HUDSON
RANGELY
EASTPORT
DIXMONT
BANGOR
239
(116.1)
DEBLOIS
AUGUSTA
221
(116.1)
BOSTON 53
PORTLAND
MASSENA (VHF)
V-108.7
MASSENA
STEWART
OGDENSBURG
CAN.
N.Y.
MALONE-DUFORT
DAMON
PLATTSBURG
GRANDE ISLE
SARANAC LAKE
KEESEVILLE
LAKE PLACID
WESTPORT
VERGENNES
ALBANY 51
ALBANY
BRISTOL
BURLINGTON
323
(116.1)
AUSTIN
NEWPORT
BURLINGTON
278 Kc. 126.18 Mc.
MONTPELIER
257
BROWN
BERLIN
LEWIS
WHITEFIELD
BETHEL
TWIN MTN.
FRANCONIA
BARRE-MONTPELIER
DEAN MEM'L.
WHITE MTN.
FRYEBURG
CONCORD
HUNTINGTON
NORTHFIELD
OVER
ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT

MEDFORD 19


SEATTLE 2
AMD H
COTTAGE GROVE
COTTAGE GROVE
LAKESIDE
NORTH BEND
SUTHERLIN
ROSEBURG
TRI CITY
MYRTLE CREEK
CURRY CO.
COW CREEK
GRANTS PASS
MEDFORD
263
BLUE STAR
MEDFORD AAF
PIERCY
BEAVER MARSH
KLAMATH FALLS
242
KLAMATH FALLS
LAKEVIEW
ORE
CALIF.
DEL NORTE CO.
FORT JONES
224
SISKIYOU CO.
MONTAGUE
MT SHASTA
278
C.A.P.
ELKO 22
ALTURAS (NEW)
ALTURAS No 1
CEDARVILLE
CALIF
ARCATA
414
ARCATA
472
EUREKA
HUMBOLDT CO.
SEATTLE
OAKLAND
DUNSMUIR
SHASTA SKY RANCH
DELTA
WHITMORE
353
REDDING
BENTON
PINNEGAR
BIDWELL
SECRET VALLEY
BUSHVILLE
AMEDEE
RED BLUFF
362
CORNING
SKY HARBOR
CHICO AAF
PATRICK
RANCHERO
OROVILLE
GRIDLEY
DONNER SUMMIT
385
BLUE CANYON
NEVADA CITY
GRASS VALLEY
ALICIA
TRUCKEE
TO RENO
BLUE CANYON
320
TO SACRAMENTO
TO SACRAMENTO
MENDOCINO
UKIAH
WILLOWS-GLENN CO.
WILLIAMS
326
COLUSA
DALTON
WILLIAMS
SAN FRANCISCO 69
101 MENDOCINO RANCH
NOTE
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY IN QUADRANTS.
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R EXTREMELY HAZARDOUS
D USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCATA (UAL)	472 (NZM)	MRL;4°,3.0	(3)
Arcata Airport	278 (116.1,126.18)	CI (ILS-W)	(3) 116.1,126.18 (8-17)
Arcata (H fac) (UAL)	414 (NZ1)	H; 310°, .15	(4) Z marker 200' from SE end Rnwy 31.
BIDWELL (Red Bluff)			DECOMMISSIONED
BLUE CANYON	320 (BC) (116.1)	MHVT	(4):116.1
BLUE CANYON FM	(- - -)	FM, 228°, 19.5	Donner Summit
CALLAHAN FM	(- -)	FM, 140°, 15.1	Ft. Jones
DONNER SUMMIT	385 (DS) (116.1)	BMRL-DTV	(4):116.1
EUREKA FM	(- - -)	FM, 184°, 11.7	Arcata
FORT JONES	224 (FJ)	SRAWZ	
MT. SHASTA	278(SC)(116.1)	BMLZ-DTV, 116°,2.2	(4); 116.1
RED BLUFF (Bidwell)	362(FH)(116.1)	SBRAZ-DTV,323°,2.5	(4);116.1,122.1
REDDING FM	(- - - -)	FM, 323°, 33.2	Red Bluff
WHITMORE	353 (AWH)	MRLWZ	
WILLIAMS (Int.)	326(''S)(vhf)	SBMRAZ-DTV.244°, 2.2	(4);116.1,122.1

OREGON

COTTAGE GROVE FM	(- - -)	FM, 150°, 29	Eugene
KLAMATH FALLS	242 (FS) (116.1)	SBRAZ-DTV;342°,2.7	(4); 116.1
MEDFORD	263(MF)(116.1)	SBRAZ-DTV	(3); 116.1
Medford	278(126.18,118.7)+	AC; 158°, 2.4	(4);126.18,118.7,122.5
TRAIL FM	(- - - -)	FM, 332°, 14	Medford

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ARCATA	109.5	332.6	312°	IM- (0.14)	MM- ····· (0.66)	OM- -- (4.5)
					MMK-	OMK- 404
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alicia (Marysville)	3.2 SSE,RR W,E	63	60h L5 S6	80,91 oct.; 100 oct. on req.
(P) Alturas (new)	6.8 WNW,riv S	5034	65h	
Alturas #1	1 W,RR S	4391	28 S6	80 oct.
Amedee Flight Strip (Amedee)	4 SE,RR N	4007	70h	
Arcata	7.6 NNW	217	60h R3 L	Exten experimental lgting.
Ash Creek, USFS (McCloud)(NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE,NW.
Beckwourth	0.8 ENE,RR S	4900	28 S6	80,91 oct.
Benton Airpark (Redding)	1.1 WSW,riv E	719	25 L3 S4	80, 91 oct.
(N) BIDWELL (Red Bluff)	1.7 SSW,RR E	354	40h R1 L5 S4	80,91,100 oct.
* Blue Canyon Int,13,SF-SL	1.1 NNE,RR S	5280	34 R1 L3	Obsts N, E. RR E.
Cedarville	0.6 S,lake E	4260	26 S2	80 oct. Pwr line E.
Cheim (Marysville)	1.5 NE,hwy S	67	30 S6	80,91 oct. No sto. Levee N, NE.
Chester, USFS (NC)	1.5 SSW,RR N	4525	31	18' pole line W. Closed to Public
(P) Chico	5 N,rd E	237	67h	
Colusa	1.2 SW,RR W	47	29 S4	80 oct. Pole line NNW.
Corning	1.3 NE,RR W	300	30 L1 S2	80 oct.
Dalton Com. (Williams)	1 ENE,RR SW	65	30 S2	80 oct. Pwr line S.
(P) Del Norte Co. (Crescent City)	2.5 NW	57	50h	
* Delta Int, 22, SF-SA	1 SW,RR,hwy N	1320	18 L3	800-1000' mtns E, W.
Dunsmuir,25B, SF-SA	4.5 N,RR W	3240	30 R1 L3 S2	80,91 oct. Poles E,N, lgtd.
Eureka	2 W,bay E	20	24h	
(P) Fall River Mills	See Shasta Sky Ranch under "New Airports" - name changed.			

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fort Jones (NC)	1.5 W,riv SW	2745	30	Pole line NW.
Gasquet (Crescent City) (NC)	13 ENE,hwy S	390	25	Hazardous-bad approach. USFS
Grass Valley	0.8 W,hwy N	2600	18 S1	Ltd 80 oct. Trees sur fld. P-line NE
Gravelly Valley, USFS (Upper Lake) (NC)	20 N, lake S	2000	49	Road crosses NE/SW strip. Closed to Public
Gridley	0.7 ENE,RR W	97	26 S6	80,91 oct. Pole line N,S.
Hayfork, USFS (NC)	1.2 E,rd N	2350	23	Pole line W, mts E. Closed to Public.
Humboldt County (Eureka)	3.4 ENE,RR SW	10	18h S6	80,91 oct. Poles NW. Rnwy data unver.
Mendocino (Little River)	2.5 SE	572	53h	
Montague	1 W,RR N	2520	32 L1 S4	80, 91 oct.
Nevada City	1.5 NW,rd S	3060	26 S4	80 oct.
(P) Oroville	3 SW,riv E	199	60h L5 S1	80,91 oct. Port rnwy lgts prior req.
Patrick (Chico)	2 SSE,RR E	189	34 S6	80,91 oct. Poles N.
Pinnegar (Anderson)	1 S,canal E	435	23 S1	73 oct.
Ranchaero (Chico)	2.2 WSW,riv W	170	22 S4	80, 91 oct. Hwy NE.
Ravendale (NC)	0.2 N,RR W	5260	18	
Redding	7.5 SE,riv S	500	61h L3 S1	
Round Valley (Covelo)(NC)	0.8 SW,hwy E	1385	30	
* Secret Valley Int,52,RV-ND	3.6 ESE Karlo	4435	50	Day use only.
(P) Siskiyou Co. (Montague)	4.3 NE,RR W	2647	73h L5	
Sky Harbor (Quincy)	2.5 E,RR N	3400	28 S2	73 oct. Poles S.
Susanville	6.5 SE,hwy SW	4150	32 S6	73 oct. Pwr line N.
* Truckee Int,16B, SF-SL	3.6 ENE,RR S	5820	34 L3	Snow Dec.-April.
(P) Ukiah	1 S,RR E	612	40h L5 S4	80 oct. No sto.
Weaverville, USFS (NC)	1 SSE,hwy E	2040	22	30' poles S. Closed to Public
* Williams Int,9, SF-SA	4 S, RR E	120	42 R1 L3	
Willits	1.3 ENE,RR W	1356	20 S1	80 oct. Trees E. Pole line W.
Willows-Glenn Co.	1.3 WSW,RR E	130	45h L1 S6	80 oct. No sto.
[redacted]				
* Beaver Marsh Int,73,RV-ND		4630	54 L3	6.2 SSW Chemult
Blue Star Arpk.(Eagle Point)	4.5 N,hwy E		20 S2	Data unver.
Civil Air Patrol (Worden)	1 S,RR NW	4080	37 S6	80 oct. No sto. Pwr line NNE.
* Cow Creek Int,37B,SF-SA	2.5 ENE Glendale	1429	23 L3	Creek S.
(P) Curry Co. (Denmark)	3.8 WSW	214	51h L5	All lgts prior req.
Illinois Valley Landing Field (Cave Junction) (NC)	4.3 SSW,river 1 E	1350	43	Trees NNE. USFS
Klamath Falls	4.9 SSE,RR NE	4095	71h R1 L5 S5	80, 91, 100 oct. Fld lgts on req.
Lakeside	0.25 NE,hwy W	20	30	Pole line S.
Lakeview	3.5 SW,RR E	4728	53h L5 S6	80,91 oct.
(A,N) MEDFORD AAF	3.2 N,RR E	1329	54h R2 L5 S4	80,91,100 oct. Pole line NE. NATS
* Myrtle Creek,Int,39A,SF-SA	4 SW,riv,RR W	640	25 L3	Hill N.
(P) North Bend	1.2 WNW,bay NE	17	50h	
Piercy (Medford)	2.6 NW,RR E	1325	20 S4	80,91 oct. No sto. Poles SE.
* Roseburg Int,41A,SF-SA	2.4 NNW,RR E	500	38 S6	80,91 oct. No sto.
Sutherlin Sky Ranch	3.8 ENE,rd E,S	575	18 S1	80 oct.
Tri-City (Riddle)	3.5 NE,RR N,W	700	19	Pole line N,S. Cattle on fld.

NEW AIRPORTS

B & H (Creswell,Ore.)	3.3 SSW;RR E	620	16 S6	80 oct. Trees NNE
Cottage Grove (Ore.)	1.9 S;riv S	640	22 S1	80 oct.
Grants Pass (Ore.)	1.6 N;RR W	1050	26 S5	80 oct. Poles, trees N.
101 Hereford Ranch (Laytonville,Calif.)	1 S;hwy E	1635	18 S1	80 oct.
(P) Shasta Sky Ranch (Fall River Mills,Calif.)	1 N;riv E	3300	33 S2	80 oct. Rnwy data unver.

A-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (See page ...) MC (not shown)

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Air Term.)	350(BE)(vhf)	SBRAZ-DTV;110°,2.5	(3);116.1,122.1
BOISE AIR TERMINAL	278(126.18) (118.3)	AC	(4);126.18,118.3,122.5
EAGLE FM	(- - - -)	FM, 301°,11.5	Boise
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise
NEVADA			
BATTLE MTN.	281(BP)(116.1)	BMRLZ-DTV, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-DTV, 200°, 0.8	(4), 116.1
FALLON (NAS)	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-DTV 228°, 2.6	(4);116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-DTV 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno
NEW RADIO FACILITIES			
→ HUBBARD (Reno)	278	CI	(4)(5-20 Wed,Sat,Sun; 8-16 other days.)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker;(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guerds 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW			ABANDONED
Boise Airpark	1.8 WNW,RR S	2660	25 S6	73,80 oct.Trees SSE, NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S2	73 oct.
Floating Feather (Eagle)	2 E,hwy W	2635	38 S4	80 oct.Soft when wet.
(P) Glenns Ferry	1.3 WSW,riv S	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	See Boise Air Terminal under "New Arpts"-name chg.			
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

NEVADA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3	
★ Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	49 S6	80 oct.Mts N,hill W.
(P) ELKO-KEDDIE	1.8 W,RR S	5066	62h R1 L5 S4	73,91,100 oct.
★ Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon NAAS	6 SE,hwy S	3931	70h	INACTIVE
HUBBARD (Reno)	3.4 SE,RR N	4404	64h R2 L5 S4	80,91,100 oct.
★ Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	4000	24 S4	80 oct.Poles ENE,WSW
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 L S6	80 oct. Port rnwy lgts on prior req.
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	
→ Orovada (NC)	1.2 W,hwy E			ABANDONED
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	52 S4	73,80,91 oct.Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct.Poleline W.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

OREGON

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	26.6 SW,hwy E	4050	60h	
Vale	1.2 SSW;rvr E	2250	23 S1	80 oct. P-line NE.
NEW AIRPORTS				
(NG) BOISE AIR TERMINAL, (Idaho)	4.5 SSW	2857	77h R2 S1	80,91 oct.

b-hard surfaced runways. R-radio facilities L-lighting facilities S-servicing (see page IV) (NC)-Not Controlled → NEW OR REVISED DATA

22 ELKO

R EXTREMELY HAZARDOUS O USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

SPOKANE 3
VALE
NYSSA
PARMA
CALDWELL
ROE DAVIS
BURNS
RITCHEY
FLOATING FEATHER
EMMETT
BOISE AIRPK
BRADLEY
BOISE 350 (111.1, 116.1)
BOISE AIR TERM 278 (118.3, 126.1, 8)
BENNETT MOUNTAIN HOME 41
MOUNTAIN HOME
MOUNTAIN HOME AAF
GLENNS FERRY
BURLEY 272
ROME
ALKALI LAKE
OWYHEE
WINNEMUCCA COM
WINNEMUCCA
BATTLE MOUNTAIN 281 (116.1)
BATTLE MOUNTAIN FLGT STRIP
BATTLE MOUNTAIN
ELKO 391 (116.1)
HUMBOLDT 209 (116.1)
RENO 254 (116.1)
LOVELOCK COM
LOVELOCK
HUMBOLDT
RENO SKY RANCH
RENO AAB
SPARKS
FERNLEY
LAHONTAN
LAHONTAN FLGT STRIP
HUBBARD 278
FALLON 230
AUSTIN OLF
CARSON CITY
NAAS FALLON
YERINGTON
BUFFALO VALLEY
SALT LAKE CITY OAKLAND
SEATTLE OAKLAND
SEATTLE SALT LAKE CITY
MEDFORD 19
SALT LAKE CITY 23
FRESNO 73 | LAS VEGAS 75

SALT LAKE CITY 23

●COMPULSORY REPORTING POINT
○NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ EXTREMELY HAZARDOUS
Ⓓ: USABLE WITH CAUTION

NOTE. HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "W" QUADRANTS.

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

GREAT FALLS 6
ST ANTHONY
REXBURG
IDAHO FALLS 359
JACKSON
FRIEDMAN
CAMAS CO On request
GOODING 215 (116.1)
ALBERT
FLYING BAR "S"
BURLEY 272 (116.1)
TO KING HILL
GOODING
JEROME
TWIN FALLS
BURLEY
IDAHOME
STREVELL
STREVELL 335 (116.1) On request
LUCIN 302 (116.1)
ELKO 22
IDAHO NEV
WELLS
WENDOVER AAF 201 KC 126.18 MC
WENDOVER 248
VENTOSA
LOW
TIMPIE
KNOLLS
TO ELKO
YELLAND
NEV UTAH
POCATELLO
POCATELLO AAF
ABERDEEN
HAYFIELD
UNIVERSITY
POCATELLO 257
AMERICAN FALLS
AFTON
IDAHO WYO
DUBOIS
MALAD CITY 314 (116.1)
MONTPELIER
BEAR LAKE
COKEVILLE
PRESTON
MALAD CITY
LOGAN-CACHE CO
HILLCREST
CORINNE
BRIGHAM
OGDEN 263 (116.1)
HINCKLEY 284 KC
HUNTSVILLE
FORT BRIDGER 382 (116.1)
KEMMERER
EVANSTON (NEW)
FORT BRIDGER
KNIGHT
EVANSTON
OGDEN ARPK
HILL AAF 396 KC 126.18 MC
BOUNTIFUL
LAYTON
PROMONTORY POINT
SALT LAKE CITY NO 1 278 KC 118.3 MC
UTAH CENTRAL
SALT LAKE NO 2
MIDVALE
ALTA
GRANTSVILLE
SALT LAKE CITY 227 (116.1)
TOOELE
RIVERTON
FAIRFIELD
DUGWAY AAF
PROVO
SPANISH FORK
FAIRFIELD 362 (111.1 116.1)
NEPHI
CARBON CO
MT PLEASANT
DELTA 212 (116.1)
DELTA
MANTI-EPHRAIM
LAS VEGAS 75 | WINSLOW 77
TO MILFORD
ROCK SPRINGS
STATUTE MILES
OVER

SALT LAKE CITY

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
➤ BURLEY	272(BX)(116.1)	SBRAPZ-DTV;200°,2.7	(4);116.1
➤ GOODING (new)	215(GG)(116.1)	MHTV	(4);116.1
IDAHO FALLS (Mun.)	359 (IF)	SBMRAZ-DT,192°,2.6	(4)
➤ MALAD CITY (Int.)	314(WT)(116.1)	SBRAZ-DTV;131°,3.4	(4);116.1
POCATELLO	257 (PQ)	BMRLZ-DT, 56°,2.5	(4)
➤ STREVELL	335(TV)(116.1)	MHTV	(4);116.1
CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212 (VZ)(116.1)	SBRAZ-DTV, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362(JL)(vhf)	BMRLZ-DTV,2°,4.4	(4);116.1,122.1
HILL (Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (JB)(116.1)	BMRLZ-DTV,156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-DTV,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4)(830-2130 Wed. thru Sun, 1130-2130 Mon. & Tues.)
SALT LAKE CITY	227 (SL)(116.1)	SBRAZ-DTXV;163°,2.9	(3); 116.1
Salt Lake City Arpt. #1	278 (118.3)	C (ILS-W)	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18

WYOMING

FORT BRIDGER (Int.)	382 (HM)(116.1)	SBRAZ-VDT,228°,2.4	(4);116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE CITY	110.3 ••• •-••	335	343°	IM-	MM- •-•• (0.71)	OM- -- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW,rd W	4460	32 S6	73 oct.No sto.
Albert (Richfield)	5.2 NE,RR W	4400	23 S2	Ltd 80 oct.
American Falls	2 NE,RR NW	4404	38 S1	73 oct. Poles S.
Arco (NC)	1.5 ESE,hwy W	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE;rd S	5928	57h	
Buhl (NC)	5.7 W,crk W,E	3690	41	
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S4	80,91 oct.Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31 S1	80 oct.P-line E
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	73 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	73 oct.
(P) Gooding	3.5 WSW,hwy N	3730	49h R1 L5 S6	80,91 oct.
➤ Gooding (old)	4 SSW			ABANDONED
(P) IDAHO FALLS	2 NW,riv,RR E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4460	29 L3	
Jerome	3.3 ENE	3980	31 S1	73 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30	Rough.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h R1 L3 S1	73 oct.
Montpelier	0.6 NNE,RR WSW	5900	30 S1	73 oct. Mtn NE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page IV) NC (not charted). ➤ NEW OR REVISED DATA

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 S2	80 oct.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S4	80 oct. Poles, trees NNE.Rnwy data unver
* Strevell Int, 10, SL-PO	0.3 NNW,hwy W	5270	31 R1 L2	Hwy S.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	30	(NC)
(P) Twin Falls	6.5 S,crk N	4200	40 S6	80,91 oct. No sto.
University (Ham's)(Pocatello)	1 ENE,hwy W	4600	35 S2	Hills N,S. No fuel.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	25	UNUSABLE.

INDIANA

* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W	5665	29 L2	
Yelland (Ely)	3.5 NNE,hwy E	6258	60h L3 S6	80 oct. Fld lgts prior req.
Alta Arpk (Sandy)	2.3 E,RR W	4800	30	Hwy W.
Bountiful Sky Haven	2.6 WSW,rd E	4222	38 S4	80 oct. Pole line N,NW,SE.
Brigham	3 NW,RR S	4220	37 L3 S6	80 oct.
Carbon County (Price)	2.8 E,RR W	5800	43 S6	80 oct.
Delta	4.8 ENE,	4755	61h R1 L5 S2	80,91 oct. Hwy NW,
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE,riv W	5700	55	Pole line W, NW.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	26 S6	80 oct. Mtn SSE.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	42 L3	
Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4413	50 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S2	No fuel.
Midvale	3 WSW,RR NW	4500	20 S4	73 oct. No sto.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S2	80 oct.
Myton (NC)	1 E,riv N	5090	31	
Nephi	2.5 NW,RR E	4800	48 S1	Ltd 80 oct.
Ogden Airpark	4 S,hwy NE	4700	31 S4	73 oct. No sto.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	
(P) Provo	2.8 WSW,RR N	4490	71h L5 S6	80,91 oct. Fld lgts prior req.
(NG) SALT LAKE CITY #1	2.5 WNW,RR S	4222	55h R3 L6 S6	73,80,91,100 oct.Rdo rec rqrd.
Salt Lake City No. 2	10.5 SSW,RR W	4617	56h S4	73 oct.
Spanish Fork	2 NW,RR SE	4560	49 S6	80 oct.
Tooele (NC)	1.4 WSW,RR W	4800	30 S4	80 oct. No sto. Mtns SE.
Utah Central(Salt Lake City)	4 SW,RR N	4240	28 S4	73 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4237	81h R2 L5 S6	73,91,100 oct. JP-1. CLOSED.

WYOMING

Afton	0.3 SW,hwy E	6239	30 S5	73,80 oct. 40' trees N.
Big Piney (NC)	2 N	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston	3.6 SSW	6800	39 S1	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	56 S1	73 oct.
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	

NEW AIRPORTS

Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.
Evanston, new (Wyo.)	1 NE;hwys S,W	6740		80,91 oct. Pwrline W. Data unver.

RADIO — COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	BVAR-DTV	3105,3117.5;116.1,122,1
→ GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	BVAR-DTV (ILS)	3105,4495,3117.5; 116.1,122.1
WYOMING			
CASPER(Wardwell)	269(CW)(116.1,111.1)	SBRAZ-DTV;256°,2	(4);116.1,122.1
CASPER AAF	396(126.18)	CA	(3); 126.18
DOUGLAS	251 (DQ)(116.1)	BHTV	(4) :116.1
LARAMIE (Gen'l. Brees Field)	245(LR) (116.1, 111.1)	SBMRAZ-DTV 137°, 2.2	(4);116.1,122.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (new)	290(RT)(116.1)	SBRAZ-DTV, 246°,2.8)	(4); 116.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-DTV, 80°, 1.7	(4): 116.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WALKER	110.3 •---	335	110°	IM-	MM- •-•-(0.69)	OM- -- (4.52)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

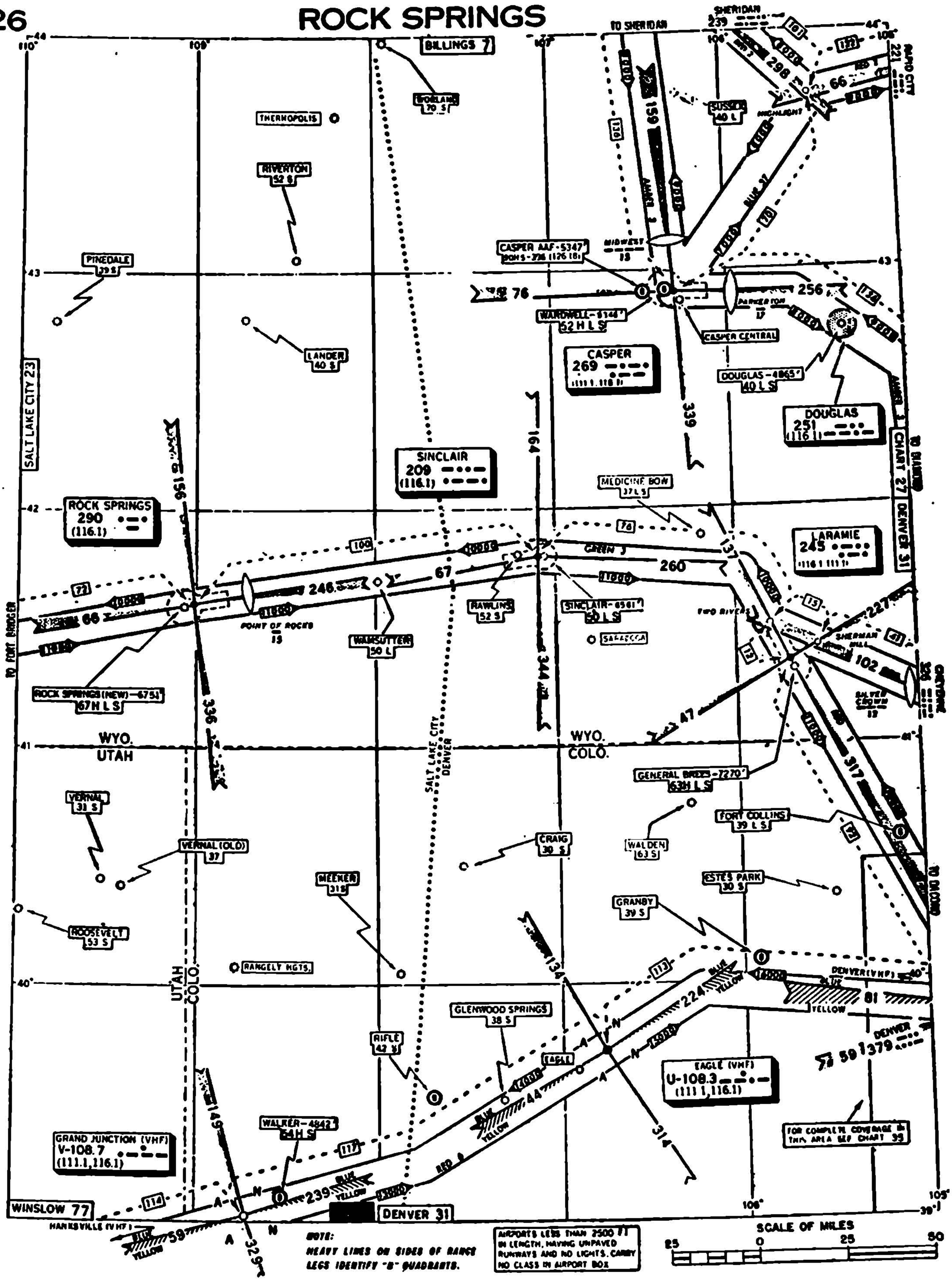
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	Closed till June '47
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE.
Glenwood Sprgs.	2 S	5900	38 S1	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.
UTAH				
Roosevelt	1.3 NE;hwy S	5000	53 S2	80,91 oct.Poleline SE,E
Vernal (new)	1 SSE;hwy N,E	5280	31 S6	80,91 oct.
Vernal (old)	7 ESE;riv 4 E	5200	37	

WYOMING

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h R1 L S2	100 oct.
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S1	73 oct.
General Brees (Laramie)	4 W;riv SE	7270	63h R1 L5 S6	73,91,100 oct.
Lander	1.5 S;riv W	5550	40 S2	73 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE; hwy NE	7200	39 S2	73 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS (new)	8.8 E;RR N	6751	67h R1 L5 S2	73,80,91,100 oct;80 oct daylgt hrs only.
Rock Springs (old)	3.8 NNW	6370	58	(NC)
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3 S1	80,100 oct.
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	33 S1	80 oct.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,91 oct.
(P) Worland	2.8 S;canal NW	4185	70 S1	80, 91 oct.
NEW AIRPORTS				
Casper Central (Casper Wyo.)	3 NE;RR S	5100	28 S2	80 oct.Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.

h hard surfaced runways R radio facilities L-lighting facilities S servicing (See page IV) NC (not charted) → NEW OR REVISED DATA

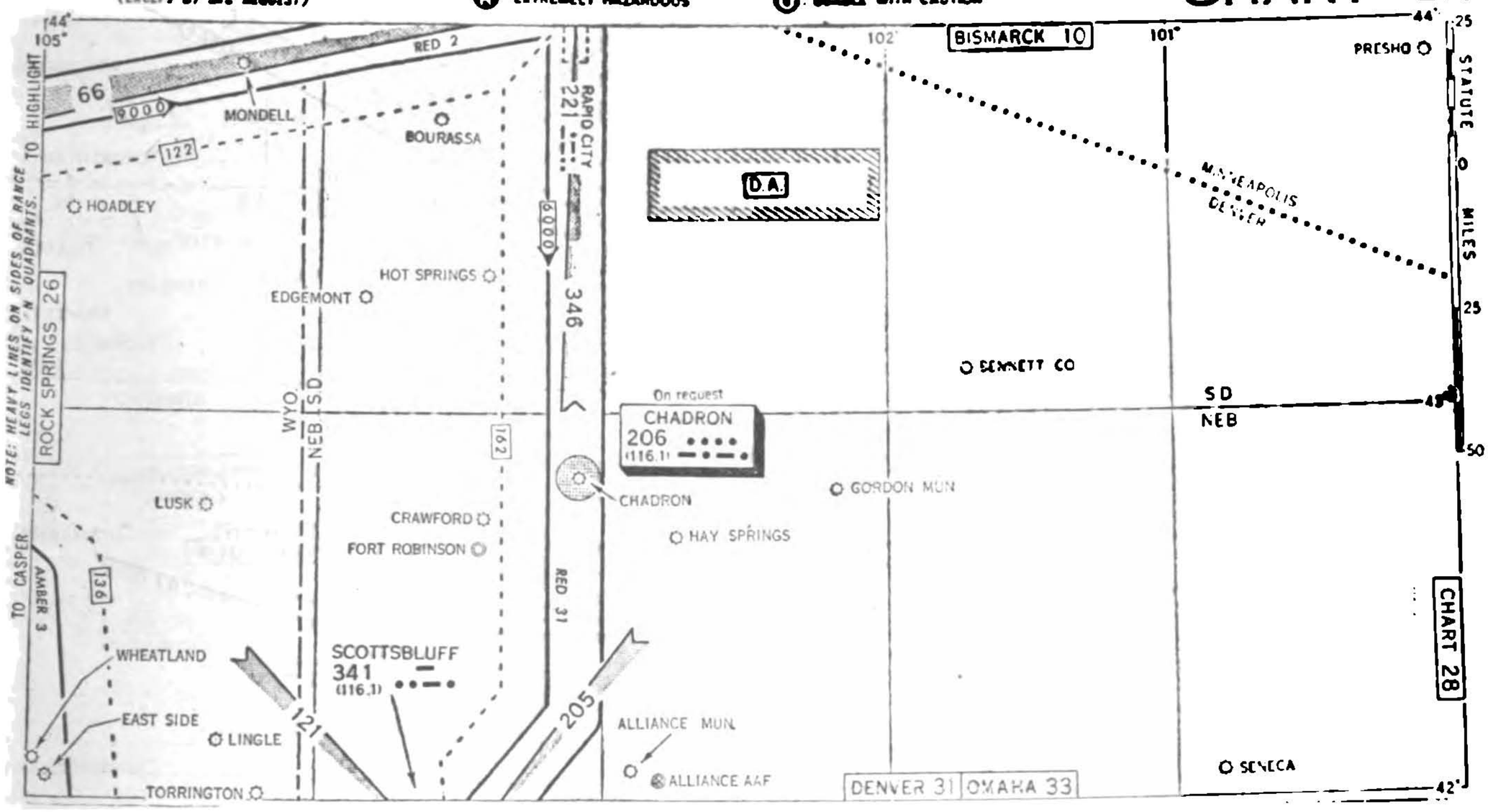
ROCK SPRINGS



● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓞ USABLE WITH CAUTION

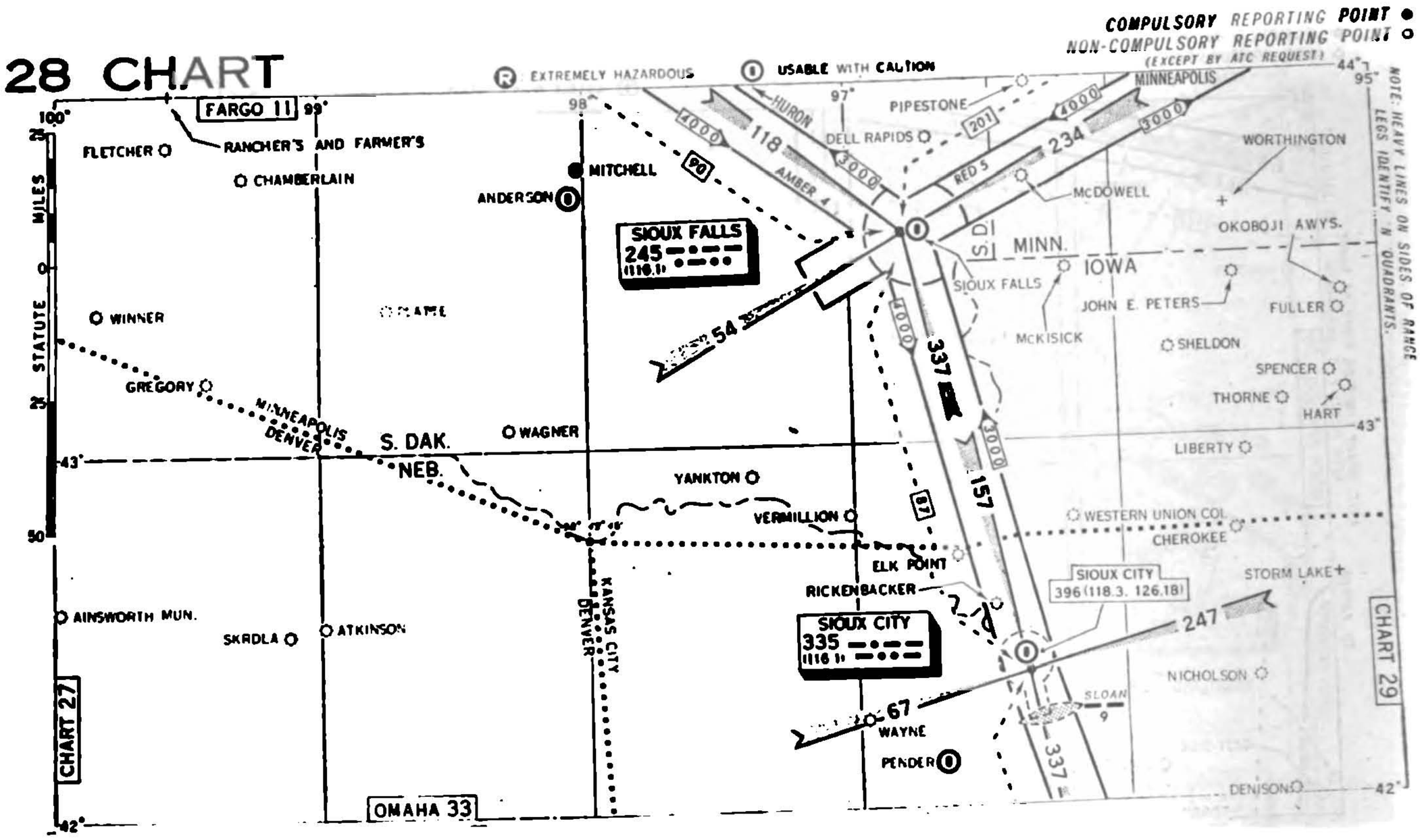
CHART 27



FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(A) Alliance AAF (Nebr) (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance Mun. (Nebr)	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
(P) Bennett Co. (Martin, S.D.)	4.4 SSE;riv N	3325	30 S1	73 oct. P-line sur fld.
Bourassa (Custer, S.D.)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W, NW.
CHADRON H Fac. (Nebr)	206(HC)(116.1)		MHTV	(4); 116.1
(P) Chadron, 15, CX-HR (Nebr)	4.8 W;hwy S	3312	45 L3 S4	73 oct.
Crawford (Nebr)	3.8 NNW;hwy E	3676	35	Poles E,W.
East Side (Wheatland, Wyo)	0.7 E;RR W	4750	23 S4	80 oct.
Edgemont (S.D.)	1.1 SW	3575	30 S2	73 oct.
(A) Fort Robinson (Nebr) (A)	2 S;RR N	3920	18	
Gordon (Nebr)	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Hay Springs (Nebr)	2.5 W;hwy E	3840	17 S2	80 oct. P-line N.
Hoadley (Dull Center, Wyo)	9.4 NE	4176	24 S1	73,80 oct.
(P) Hot Springs (S.D.)	5.5 SSE;riv N	3075	52 S2	73 oct.
Lingle (Wyo)	1.2 N;RR S	4200	30	P-line SE.
Lusk (Wyo)	2.9 E;RR S	5000	47 S1	80 oct. Poles SE.
Modisett (Rushville, Nebr)	2.4 NE;RR S	3475	30	Bldgs, p-line E.
Mondell (New Castle, Wyo)	6.2 WNW;RR N	4260	36 S2	73 oct.
Presho Mun. (S.D.)	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.
Seneca (Nebr)	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW.
(P) Torrington (Wyo)	3.4 S;hwy W	4350	40 S2	73,91 oct. Pwr line S,W.
Valentine (Nebr)	1.5 SSE;hwy E	2579	18	Not maintained. Rough. Poles NE.
Wheatland,6,CX-GT (Wyo)	3.4 NNW;riv N	4648	46 L3 S6	80 oct.
NEW FACILITIES				

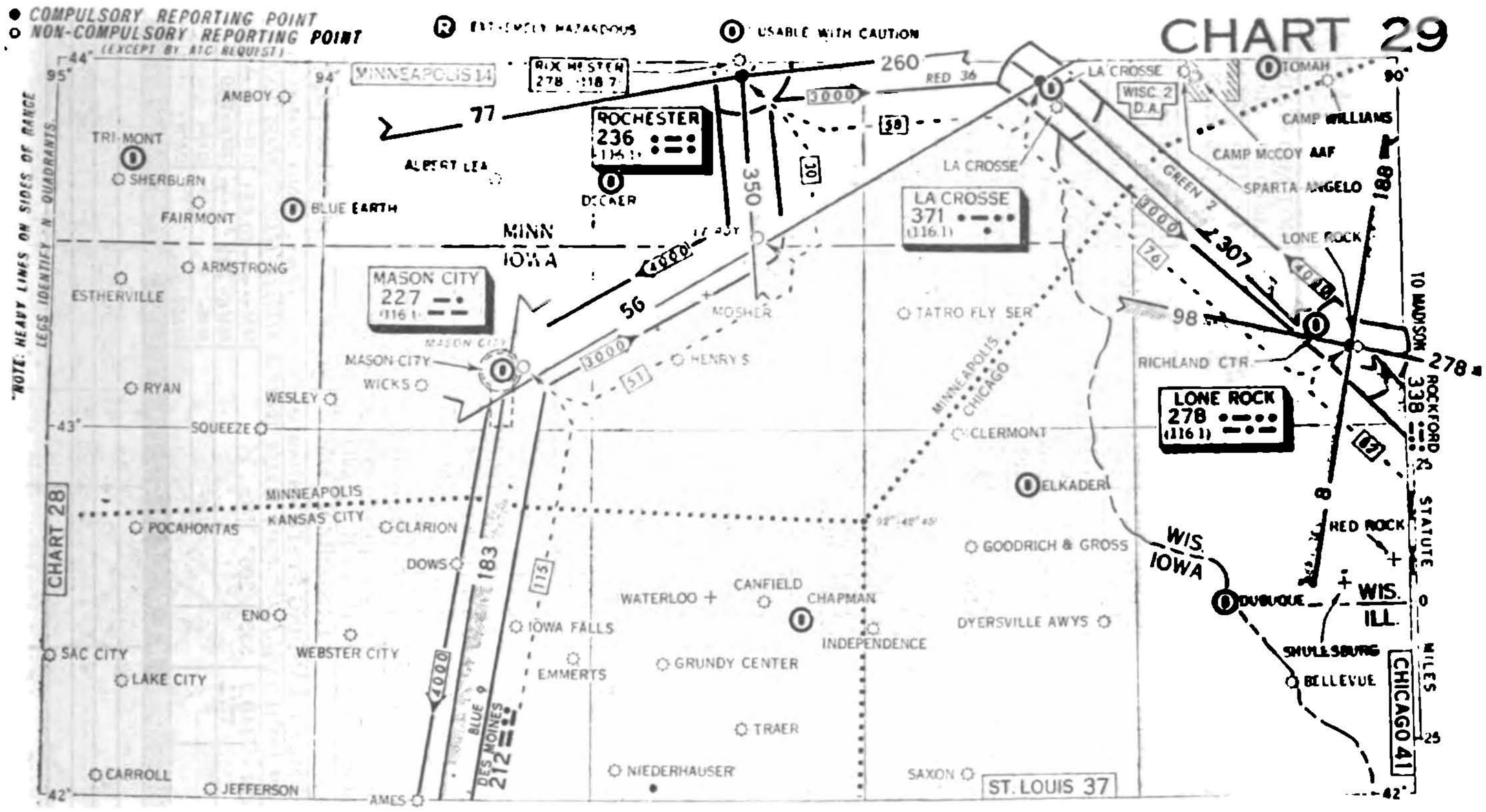
S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495; 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

28 CHART



FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Ainsworth, mun.(Nebr)	7 WNW;RR S	2580	73h L5 S6	83,91 oct.
Anderson(Mitchell,S.D.)	2.7 W;RR N	1293	29 S6	80 oct.Poles sur fld.
Atkinson (Nebr)	1.4 SW;riv NE	2109	22	Trees S.P-line E,SE, N, NW.
Chamberlain (S.D.)	3.4 SE;hwy N	1689	26 S2	73,80 oct.Poles N,NW.
Cherokee (Iowa)	1 S;RR W,S	1218	19 S1	80 oct.
Dell Rapids Mun.(S.D.)	1.6 NE;RR SE	1450	20 S1	73 oct.
Denison (Iowa)	2.4 WSW;rivSE	1200	20 S2	80 oct.Trees SSW.
Elk Point (S.D.)	2.4 E;riv NE	1120	26 S2	80 oct.Poles N,NW.
Fletcher (Reliance,S.D.)	2 SE;RR NE	1600	20 S1	80 oct.
Fuller (Milford,Iowa)	0.7 NNW; hwy E	1440	36 S6	80 oct.Trees,poles E, W,S. Lake N.
Gregory (S.D.)	2.2 S;RR NE	2000	22 S2	73 oct.P-line E,SE.
Hart (Spencer, Iowa)	1.6 S;hwy N	1100	26 S4	80 oct.P-line NE,N.
John E. Peters (Ocheyedan, Iowa)	1.5 N;hwy S	1425	24 S2	80 oct.25' p-line S.
Liberty (Sutherland,Ia)	2.1 WSW	1465	23 S6	80 oct.35'p-line E RRW
McDowell (Luverne) Minn.)	8 NW;hwy W	1440	25 S2	80 oct.
McKisick (Rock Rapids, Iowa)	3 N;riv W	1361	31 S4	80 oct. Trees W
(A) Mitchell AAF (S.D.)(A)	4 N;hwy E	1292	67h	CLOSED.
Nicholson (Ida Grove,Ia)	1.9 WSW	1120	20 S1	80 oct. RR N.
Okoboji Airways (Spirit Lake, Iowa)	2.8 SW;hwy E	1450	20 S2	80 oct. Poles NE.
Pender (Nebr)	1 NE;RR SW	1400	22 S2	73 oct.P-line S,SE.
Pipestone (Minn)	1 SE;RR E,W	1735	25 S6	80, 91 oct. No sto.
NEW FACILITIES				
Platte (S.D.)	1.2 NNE;RR SW	1650	28 S1	80 oct.Poles SE,S
Rancher's & Farmer's (Reliance, S.D.)	9 N;rd N,S		30 S1	73 oct.Data unver
Rickenbacker (Stevens, S.D.)	1 N;riv E	1114	28 S6	80, 91 oct.
Sheldon (Iowa)	5 NNE;RR W	1444	33 S6	80 oct.P-line S,W,SW,SE
SIOUX CITY Range (Iowa)	335(YX) (116.1)	337°, 1.9	SBMRLZ-DTV	(3); 116.1
SIOUX CITY Tower (Iowa)	396 (126.18, 118.3)		AC	(4);126.18,118.3,122.5
(A) [Sioux City] (Iowa)	7 S;RR E	1097	69h L5 S4	80,91 oct.;91,100 oct.
SIOUX FALLS Range (S.D.)	245(YL) (116.1)	93°, 2.2	SBRAZ-DTV	(4); 116.1 [mil.acft.
(NG) [Sioux Falls Mun.] (S.D.)	2.5 NNW;RR E	1420	57h L5 S6	80, 91 oct.
(P) Skrdla (Stuart,Nebr)	7.5 S	2090	30 S1	73 oct.
(P) Spencer (Iowa)	2.9 WNW	1335	40 S6	80,91 oct. RR S
Storm Lake (Iowa)	3.5 SW;lk NE	1460	36 S2	80 oct. Data unver.
Thorne (Moneta, Iowa)	2.5 S	1410	25 S2	80 oct.P-line,trees W.
Vermillion (S.D.)	3.8 WNW	1140	25 S4	80 oct.Poles N,RR NE
Wagner (S.D.)	1.3 S;RR N	1464	30 S1	73 oct.Poles E,NW.
(P) Wayne (Nebr)	1.8 E;RR N	1475	33 S4	80 oct.P-line NW,
(P) Western Union (Le Mars, Iowa)	1.3 SW;RR SE	1190	30 S6	80 oct. Low obst
Winner (S.D.)	1.3 NE;RR SW	2038	26 S6	80,91 oct.
Worthington (Minn)	1.5 NNE		32 S6	80 oct. Data unver.
(P) Yankton (S.D.)	2.3 N;hwy W	1400	37 S6	80 oct. Twr E.

B-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. °Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FACILITY	FREQ. IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Albert Lea (Minn)	2.3 N;RR E	1255	32 S6 ●	80 oct.No sto.P-line N.
Amboy (Minn)	1 NNE;RR W	1000	24 S2	80 oct.
Ames (Iowa)	2.5 SSW;RR NW	920	25 S6	80 oct.Lgt acft only.
Armstrong (Iowa)	3.2 NW;hwy S	1250	22 S1	Ltd 80 oct.Trees E.
Bellevue (Iowa)	9 N;RR W	652	19 S1	80 oct.
Blue Earth (Minn)	3 S;RR E	1111	26 S1	80 oct.Flares on req.
(A) Camp McCoy (Wis)(A)	2.6 E Sparta	830	38h	RR W.
(P) Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h S2	No fuel.Rwy data unver.Obsts S,SE.Closed
Canfield (Waterloo,Iowa)	3.5 NW;RR NE	800	32 S6	91 oct.P-line N.Joint'r.
Carroll (Iowa)	4.3 ESE;RR N	1196	34 S2	80 oct.
Chapman (Waterloo,Ia)	5 E;RR NW	870	33 S6	80 oct.P-lines S
Clarion (Iowa)	1.1 NW	1162	27 S6	80 oct.
Clermont (Iowa)	0.8 S;riv W	800	21 S6	80 oct.P-line SE,NE.
Conrad (Iowa)	3 WNW;RR S			ABANDONED.
Decker (Austin, Minn)	1.7 E;hwy N	1224	20 S6	80 oct.No sto.N,S,W
Dows (Iowa)	1.5 SSE;RR NE	1144	26 S2	80 oct. blckd.
(P) Dubuque (Iowa)	1.9 NE;riv E	602	27 S6	80 oct.Poles SE,NW.
Dyersville Arwys (Ia)	0.8 S;RR NE	940	16 S1	80 oct.Pwr lines NW,
Elkader (Iowa)	1.1 ESE;RR S	915	19 S2	80 oct.P-line NW.,NE. Rnwy data unver.
(P) Emmerts(Eldora,Iowa)	2.8 NE;lk SW	1000	32 S6	80 oct.Poles NW,SE.
Exo (Ft. Dodge, Iowa)	2.5 E;hwy W	1126	27 S6	91 oct.
(P) Estherville (Iowa)	3.5 E;hwy S	1298	35 L S6	80 oct.Port rnwy lgts Poles SE,SW.
Fairmont (Minn)	3.1 S;hwy W	1190	26 L S1	80 oct P-line W.Flares
Goodrich & Gross (Strawberry Pt,Iowa)	3.5 W;RR NE	1200	19 S1	Ltd 80 oct. on req.
Grundy Center (Iowa)	1.3 ENE;RR S	990	18 S1	80 oct.P-line S.
Henry's (Floyd, Iowa)	5 NNE;RR W	1110	14 S1	80 oct.Poles ENE. Steep sloped strips.
Independence (Iowa)	4.1 W;RR E	960	23 S2	80 oct.Poles N.
Iowa Falls (Iowa)	4.1 S;RR E	1140	24 S2	80 oct.
Jefferson (Iowa)	0.8 NNW;RR S	1052	23 S6	80 oct.No sto P-line N.
LA CROSSE Range (Wis)	371 (LE) (116.1)	127°, 1.8	SBRA2-DTV	(4); 116.1
(P) La Crosse (Wis)	5 NNW	653	53h L5 S4	80,91 oct.Bet rivs.
● La Crosse Int,25A, CG-Twin Cities(Wis)	6 NNW; RR NE	647	37 L3	Pole E.
Lake City (Iowa)	3.5 NNE;RR S	1200	26 S1	80 oct.
LONE ROCK Range (Wis)	278 (LK) (116.1)	98°, 0.0	BMLZ-DTV	(4); 116.1
● Lone Rock Int,15,CG-Twin Cities (Wis)	2 N;rd W,N	714	39 L3 S2	Ltd 80 oct. P-line NE
MASON CITY H Fac. (Ia)	227(NDB)(116.1)		BHTV	(4);116.1(Oper.cont.)
(P) Mason City (Iowa)	7 W;hwy S	1215	56h L5 S6	80,91,100 oct.Poles
Mosher (Riceville,Ia)	1 W;hwy S	1265		80 oct.P-line S. SSE. Data unver.
Niederhauser (Marshalltown, Iowa)	2.3 N;hwy E	860	30 S6	80 oct.
Pocahontas (Iowa)	0.8 E	1216	25	Pole line SW.
Red Rock(Darlington)	5 SE;RR E		12 S1	80 oct.Data unver.(Wis)
Richland Center (Wis)	6 SSE;hwy W		23 S1	80 oct.Trees E,S.Data
ROCHESTER Range (Minn)	236 (RR) (116.1)	350°, 2.6	BMRLZ-DTV	(3); 116.1 unver.
ROCHESTER Tower (Minn)	278 (118.7)		C	(4); 118.7,122.8
Rochester Mun (Minn)	1.7 SSE;RR W	1040	43h L4 S6	80,91 oct.P-line E,N.
Ryan (Emmetsburg,Ia)	1.3 W;RR N	1225	18 S2	80 oct.Trees NW.
Sac City (Iowa)	3 SSE;riv W	1160	19 S2	80 oct.
Saxon (Cedar Rapids,Ia)	7 NE;hwy S	860	31 S6	80 oct.Trees E,SE.
Sherburn (Minn)	2 WNW;RRs S,E	1300	21 S2	80 oct.Pwr line ESE.
Shullsburg (Wis)	0.5 S	1000	18 S1	80 oct.Trees SW.Data
Sparta-Angelo (Wis)	2.3 NE;RR E	800	25 S1	80 oct.Poles unver, sur fld.
Squeeze (Algona,Iowa)	5 S;riv S	1201	26 S2	80 oct.P-line NW,W.
Tatro Fly.Svc.(Decorah)	2.6 NW;riv W	918	26 S2	80 oct. (Iowa)
Tomah (Wis)	1 E;RR N	970	18 S1	73 oct.180° hill E
Traer (Iowa)	1 ENE;RR SW	895	18 S2	80 oct.P-line E.
Tri-Mont (Triumph)	0.9 S;RR W,E	1250	24 S1	80 oct. (Minn)
(P) Waterloo (Iowa)	4 NW;RR S,E		54h L5 S1	80,91 oct.Data unver. No flood lgts.
Webster City (Iowa)	3.3 SW;riv E	1100	26 S4	80 oct. No sto.
Wesley (Iowa)	1.5 E;RR N	1250	31 S1	80 oct.P-line N,S.
Wicks (Garner, Iowa)	1.8 NW;RR S	1230	26 S2	80 oct.Poles NW,SW.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6310 kcs. (4)-3105, 4495, 6310, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.86, 149.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) ➔ NEW OR REVISED DATA (NC)-Not charted. [Jours]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

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AKRON Range (Colo)(Int.)	368(RN)(116.1)	154°,3.6	SBMRAZ-DTV	(4); 116.1
★ Akron Int,9,DV-GI(Colo)	3.9 SE;RR N	4585	53 L3	
★ Alvin Int,15,DV-GI(Colo)	3.5 NNE	3600	40 L3	Roads S,N.
➤ANTON Range (Colo)				DECOMMISSIONED
(A) Arlington #4 (La Junta, Colo) (A)	28 NNE	4424	70h	CLOSED. Arlington 3.3 WNW.
Bayard (Nebr)	1.3 SSW;RR N	3760	25 S2	No fuel. Poles N,E,NW,
★ Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	P-line E. (Nebr). [SE.
Burlington (Colo)	0.5 W	4160	32	P-line S,N.
Chappell (Nebr)	3 E;RR SW	3830	26 L1 S2	80 oct. P-line W.
CHEYENNE Range (Wyo)	326(CX)(vhf)	76°,0.9	SBRAZ-DTV	(3); 116.1, 122.1
(NG) [Cheyenne] (Wyo)	1 N;lakes WNW	6156	79h L6 S6	80,91 oct.;73,91,100 oct.for Army. Poles W.
COLORADO SPRINGS Range (Peterson) (Colo)	224 (CD)	166°,3.9	MRLWZ	
(P) Craig (Colo)	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Cress (Westcliffe,Colo)	6 NW	8000	30 S1	80 oct.
➤DENVER Range (Stapleton) (Colo)	379(DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
➤DENVER Range (Stapleton) (Colo)	109.1(DV) (vhf)	211°, 9.7	BVAR-DTXV	(3);116.1,122.1
Doughty's (Julesburg)	12 ESE	3600	18	PRIV. Use in emerg.
Douglas (Akron,Colo)	0.8 N	4400	28 S1	73 oct. [(Colo)
Eads (Colo)	1.3 WSW;RR N	4210	46 S6	80 oct. No sto. Poles NE.
EAGLE Range (Colo) (6 mi ENE Eagle)	108.3 (EQ) (vhf)		BVAR-DTV	3105,3117.5; 116.1, 131.7
Eagle (Colo)	4.5 WSW;RR N	6496	34	
Estes Park (Colo)	2 SE;riv N	7635	30	Closed till June 1947.
Flagler (Colo)	0.8 S;RR N	4975	48 S4	80 oct. 20° p-line E.
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct. Poles SE.
Fremont Co. (Canon City, Colo)	6.9 E;riv S	5350	49 S2	80 oct. Rnwy data [(Colo) unver.
General Brees (Laramie)	4 W;riv SE	7270	63h L5 S6	73,91,100 oct. (Wyo)
Glenwood Sprgs.(Colo)	2 S	5900	38 S1	73 oct.
Granby (Colo)	1 ENE;riv W	8200	39 S1	80 oct.
Gregg (Pueblo, Colo)	6 N;RR,hwy E	5000	40 S1	80 oct.
Holyoke (Colo)	1.8 ESE	3720	35 S1	80 oct. RR NW.
Hugo (Colo)	1.5 E;RR S	5034	26 S1	80 oct.
Idle Acres (Potter,Nebr)	11.8 N;hwy N	4550	21 S4	80 oct. P-line W. Data
Julesburg (Colo)	2.8 SW;hwy W	3490	24 S6	80 oct. [unver.
LA JUNTA Range (AAF)	281(LH)(116.1)	194°,2.6	SBMRLZ-DTV	(4); 116.1 (Colo)
LARAMIE Range (General Brees) (Wyo)	245(LR)(vhf)	137°,2.2	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Las Animas (La Junta, Colo) (A)	19 NE	4119	70h	CLSD. Las Animas 5.9 mi SSE.
Lorenzo (Nebr)	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct. Cattle on fld.
Medicine Bow,31,SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct. (Wyo.)
Meeker (Colo)	1.3 E;hwy S	6300	31 S1	80 oct
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	(Colo)
Mitchell (Nebr)	1.6 S;riv N	3950	40 S6	73,80 oct. Trees,poles
Montrose (Colo)	1.5 NNW;hwy S	5780	58 S2	80,91 oct. [NW.
Montrose Mun. (Colo)	1.3 S;RR NE	5800	33 S4	80 oct.
Ogallala (Nebr)	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ordway (Colo)	0.9 S;RR N	4300	40	NOT MAINTAINED.
Oshkosk (Nebr)	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE
PETERSON Tower (Colo)	272 (126.18)		CA	(4); 116.1, 126.18
(A) [Peterson](Colorado Springs, Colo)(A)	6.3 E;hwy N	6170	85h L5 S6	73,91,100 oct. No sto.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	80 oct. P-line N.(Wyo)
PUEBLO Range (Colo)	302(PU)(vhf)	340°,2.0	SBRAZ-DTV	(4); 111.1,116.1,122.1
(P) [Pueblo] (Colo)	2.1 SW	4853	53h L5 S6	80,91 oct.
(A) Pueblo AAB (Colo)(A)	7 NE;RR S	4712	88h	TMP INACT. NO FACS.
Rawlins (Wyo)	2.3 NE;RR 1S	6780	52 S4	80, 91 oct.
(P) Rifle (Colo)	3.3 E;riv N	5400	42 S2	80 oct.
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 mi S.
Roderick (Lindon,Colo)	4.3 N;riv E	4900	26 S1	73 oct. [(Colo)
Royal Gorge (Canon City, Colo)	6.4 NW;hwy N	6320	26 S2	80,91 oct. P-line N
(P) Saguache (Colo)	2 W;hwy NE	7700	48 S1	80 oct.
St. Francis (Kans)	1 SSE;riv NW	3400	35 S2	80 oct.
Salida (Colo)	4 W;RR S	7500	36 S2	80 oct.
Saratoga Mun. (Wyo)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Schwartz-Johnson (Sidney, Nebr)	1.6 SSE;RR N	4120	32 S1	73,80,91 oct. Hwy N
SCOTTSBLUFF Range (Nebr)	341(TF)(116.1)	301°,3.1	SBMRLZ-DTV	(4); 116.1
(P) [Scottsbluff] (Nebr)	3.3 E;hwy S	3945	87h L5 S1	80,91 oct. Lgts on req.
Sharon Springs (Kans)	1.2 NW;RR S	3500	32 S1	80 oct. P-line E.
SIDNEY H Fac. (Nebr)	314(SD)(116.1)	350°,0.0	BH-DTV	(4);116.1,122.1
* Sidney Int,50,SL-OH	3 W;RR N	4132	36 L3 S1	Ltd 73,80 oct. (Nebr)
SINCLAIR Range (Wyo)(Int)	209(XP)(116.1)	80°,1.7	SBMRAZ-DTV	(4); 116.1
★ Sinclair Int,27,SL-OH	3.8 ENE;RR S	6561	50 L3 S1	80, 100 oct.
Stake's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct. (Colo)
STAPLETON Tower (Colo)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,126.18,118.7
[Stapleton](Denver,Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
(P) Starr Nelson(Delta,Colo)	4 E;rd N	5200	40 S4	80 oct.
Teter (Fairplay,Colo)	3 SSE;hwy E	9700	67	
(P) Trading Post(Kit Carson)	0.8 NW;crk E	4290	40	PRIV. P-line S.(Colo)
Valley (Silver Cliff,Colo)	0.7 ESE	8000	40	Hwy W.
Walden (Colo)	1.5 N;hwy W	8250	63 S1	80 oct.
Wamsutter Int,22,SL-OH	2.4 NNW;RR S	6812	50 L3	35' pole line SW.(Wyo)
Wray (Colo)	1.2 NNW;RR S	3400	30 S1	Ltd 73 oct.
(P) Young (Ft.Morgan,Colo)	6 N;hwy E	4460	54 S6	73,80 oct. Rnwy data un-
Yuma (Colo)	1.4 SSE;RR N	4150	35 S6	73 oct. Poles S,SW ver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
STAPLETON	110.3 — ·· ···—	335	206°	IM-	MM- ·—·—(0.65)	OM- ——(4.19)
					MMK- 335 ···—	OMK-359 —··
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) ➤ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED Airports are indented and non-capitalized.

ROCK SPRINGS 26 | CHART 27

EXTREMELY HAZARDOUS ① USABLE WITH CAUTION ® NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) ● COMPULSORY REPORTING POINT

WINSLOW 77 | ROCK SPRINGS 26

WINSLOW 77 | ALBUQUERQUE 79

OMAHA 33

DENVER 31

STATUTE MILES 0 25 50 75 100

ROCK SPRINGS 290 · RAWLINS · GREEN 3 · MEDICINE BOW · LARAMIE 245 111.1. 116.1 MC. · CASPER · MITCHELL · SCOTTSBLUFF · RAPID CITY · SCOTTSBLUFF 341 116.1 MC. · BAYARD

WAMSUTTER · SINCLAIR · SINCLAIR 209 116.1 MC. · SARATOGA · TWO RIVERS · SHERMAN HILL · DIAMOND · CHEYENNE 326 111.1. 116.1 MC. · MEADOWS 17 · EGBERT 29 · ARCHER 6 · IDLE ACRES + · SCHWARTZ-JOHNSON · OSHKOSH · OGALLALA · PINE BLUFFS · NORTH PLATTE 236 · CHAPPELL · KIMBALL · LORENZO · SIDNEY · BIG SPRINGS · DOUGHTY'S · PAXTON · JULESBURG

GENERAL BREES · SILVER CROWN 12 · AMBER 3 · WYO. · COLO. · NEB. · CHEYENNE 278 KC. 118.3. 126.18 MC. · SIDNEY 314 116.1 MC.

SALT LAKE CITY · DENVER · WALDEN · CRAIG · FOR DETAILS IN THE DENVER AREA SEE CHART 35 · FORT COLLINS · ESTES PARK · EAGLE (VHF) U-108.3 111.1. 116.1 MC. · DENVER 379 111.1.116.1 MC. · DACONO 20 · WATKINS 15 · AKRON 368 116.1 MC. · STERLING · HOLYOKE · N PLATTE · ALVIN · YOUNG · DOUGLAS · BLUE 36 · HAYES CENTER 400 · YUMA · WRAY · AKRON · RODERICK · RED 1 · SMOKY HILL AAF · ST. FRANCIS

MEEKER · GRANBY · BLUE · YELLOW · HENDERSON 9 · AURORA 10 · DENVER (VHF) W-109.1 111.1. 116.1 MC. · STAPLETON 278 KC. 118.7, 126.18 MC. · FRANKTOWN 30 · BURLINGTON · STAKE'S · FLAGLER · HUGO · COLO. · KANS. · SHARON SPRINGS

GLENWOOD SPRINGS · RIFLE · EAGLE · GRAND JUNCTION (VHF) V-1087 · TETER · COLORADO SPRGS. (W) 224 · STARR NELSON · TRADING POST

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: ←15°E TO 13°E→

MONTROSE · MONTROSE MUN. · SALIDA · PETERSON AAF 272 KC. 128.18 MC. · FOUNTAIN 35 · PUEBLO 302 111.1. 116.1 MC. · LA JUNTA 281 116.1 MC. · ROYAL GORGE · FREMONT CO. · PUEBLO · GREGG · PUEBLO AAB · EADS · ORDWAY · ARLINGTON No. 4 · MEEKER RANCH · CRESS · VALLEY · TRINIDAD · ROCKY FORD · LAS ANIMAS · GARDEN CITY · SAGUACHE

108° 10' · 107° · 106° · 104° · 103° · 102° · 101° 45' · 42° · 41° · 40° · 39° · 38° 05'

OMAHA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Abilene (Kans)	1.7 WSW;RR N	1100	29 S6	80 oct. Trees E. P-line
Arrow (Lincoln, Nebr)	4.8 NE;hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts. SE
Atwood (Kans)	2 N;hwy W	2900	26 S1	73 oct. Data unver.
(P) Beatrice (Nebr)	3.5 N;hwy E	1260	38h S4	80 oct. Twrs S, SW. Rnwy data unver.
Belleville (Kans)	1.8 WSW;hwy S	1520	24 S2	73 oct.
Benkleman (Nebr)	1.2 NNE;RR SE	2990	28 S1	80 oct.
Bern (Kans)	0.6 S;RR N	1300	26 S1	80 oct. Pwr line N.
Blosser (Concordia, Kans)	1 SSE;hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
Brainard Int, 82, SL-OH	5.5 SW;hwy W	1640	31 L3	(Nebr)
Broken Bow (Nebr)	2 N	2400	30 S6	80 oct.
(A) Bruning AAF (Nebr) (A)	7.7 E;RR N	1544	68h	CLOSED.
Central (Grand Island, Nebr)	1.7 NE;RR S	1851	33 S6	73,80 oct. P-lines W, S N, E.
(P) Clay Center (Kans)	1.5 W;hwy S	1200	30 S2	80 oct. Poles S, NW.
Clay Center (Nebr)	1.5 E;hwy N	1890	26 S2	73 oct.
Clothier (Cedar Point, Kans)	4 SSW;creek E	1320	20 S2	73 oct.
Colby (Kans)	1.8 N;RR S	3150	42 S2	80 oct. Poles SW, W.
Columbus (Nebr)	1.3 NE;RR S	1445	26 S6	P-line SSE, SSW.
Crete (Nebr)	1 S;RR NE	1368	24 L3 S2	73 oct. Lgts prior req
David City (Nebr)	1.5 N;hwy W	1640	22 S2	80 oct. Windmill E.
Downs (Kans)	Adj SW;RR N	1550	20 S2	80 oct. RR NW. Data un- ver
Eddie Hutton (Brewster, Kans)	1 SE;RR N	3420	35 S2	73 oct.
Elgin (Nebr)	0.8 SW;RR E	1930	16 S6	80 oct. Bldgs SE, N.
Elkins (Wakefield, Kan)	1 SSE;riv NE	1170	13 S1	80 oct. Poles W.
Ellinwood (Kans)	1.5 NW;RR S	1790	26 S1	73 oct. Poles N.
Emporia (Kans)	5.4 S;hwy E	1200	26 S6	80 oct. Poles E, SE, NE
Fairbury (Nebr)	2.5 NNE;RR SE;hwy SE	1316	26 L S6	80 oct. Port rnwy lgts P-line W, NW, S.
(A) Fairmont AAF (Geneva, Nebr) (A)	4.8 NE	1639	70h	CLOSED
(P) Fremont (Nebr)	1.4 WNW; RRs NE	1203	38h S4	80 oct. P-line N, NE, E, SE.
Giffin-Orton (Hoisington, Kans)	1.3 NE;hwy S	1870	25 S2	80 oct. Poles S
GOODLAND H Fac. (Kans)	353 (GN)		HW-T	
GOODLAND Range (Kans)				DECOMMISSIONED.
(P) Goodland (Kans)	2 NNE;RR N	3689	37 S6	80, 91 oct. Trees NW
Gothenburg (Nebr)	Adj E;hwy S		32 S2	80 oct. Data unver.
GRAND ISLAND Range (Nebr)	263 (GI)(vhf)	165°, 1.3	SBMRLZ-DTV	(4); 116.1, 122.1
GRAND ISLAND AAF Tower (Nebr)				DECOMMISSIONED
(A) Grand Island AAF (Nebr) (A)	3.5 NE;RR W	1843	72h	CLOSED
(A) Great Bend AAF (Kans) (A)	4.5 WSW	1891	80h	CLOSED.
Great Bend Arpk. (Kan)	1.6 NNE;RR W	1850	26 S2	80 oct. Poles W.
(A) Harvard AAF (Nebr) (A)	2.5 NE	1817	76h	CLOSED.
Hastings (Nebr)	1.5 NW;RRs N, S	1940	35 L S6	73 oct. Port rnwy lgts
Hastings Sky Ranch (Nebr)	3.2 WSW;RR N	1960	30 L S6	80 oct. Port rnwy lgts. Rnwy data unver. P-line S.
Hawks (Bruning, Neb)	4 SE;hwy N	1500	26 S2	Fuel. Data unver.
HAYES CENTER Range (Nebr)	(400)(KB)(vhf)	64°, 2.2	SBMRAZ-DTV	(4); 116.1, 122.1
* Hayes Center Int, 21, DV-GI (Nebr)	3 ENE;rd S	3074	51 L3	
Hays (Kans)	1.5 E;RR S	2020	29 L S6	80, 91 oct. Port rnwy
Hebron (Nebr)	1 S;RR W	1458	26 S4	80 oct. S appch lgts. 6:1, SW 10:1.
Herington (Kans)	1.5 SE;RR W	1450	27 S6	80 oct. P-line N. Data
(A) Herington AAF (Kans)	7.5 ENE	1455	69h	CLOSED. (A) unver
Hewett's (Beaver City, Nebr)	2.5 NNE; hwy S	2300	40 S1	73 oct. Pole NNW, SSW. Bldg N.
Hiawatha (Kans)	1.3 WSW;RR E	1110	24 S1	80 oct. Pwr line N.
Holdredge (Nebr)	2 NNE;crk S	2324	26 S4	80 oct.
Holyrood (Kans)	0.5 ESE;RR N	1820	17 S1	73 oct. Poles N.
Huntoon (Topeka, Kans)	5.4 W;riv N	1000	18 S6	80 oct. Pwr line N.
Imperial (Nebr)	1 ESE;RR SW	3280	36 S4	80 oct.
Janssen Skytel (Mc Pherson, Kans)	1.5 SW;hwy N	1500	22 S6	80 oct. Hi-line W. Poles E.
KEARNEY Army H. Fac.	536 (DKR)	130°, 5.3	HW	(Nebr)
KEARNEY AAF Tower	396 (126.18)		CA	(4); 126.18 (8-1630)
(A) Kearney AAF (Nebr) (A)	4.5 ENE;RR S	2140	73h L5 S6	73, 91, 100 oct. JP-1. No sto
Kearney (Nebr)	4.5 S;riv N	2145	15 S1	80 oct. Trees N; p-line E
Larkinburg (Kans)	0.3 E;hwy N	947	27 S2	80 oct. Hi-lines N. Data unver.
Larned Mun. (Kans)	1.6 NNE	2012	33 S6	80, 91 oct. RR SE.
LEBO Range (Int.) (Kans)	311(LN)(116.1)	336°, 0.0	BMLZ-DTV	(4); 116.1
* Lebo Int, 39, AQ-KC	4 ENE;RR N	1160	33 L3	(Kans)
Lenora (Kans)	1.2 NNW;hwy S	2325	29	
Lexington (Nebr)	1 W;RR S	2400	32 S5	Data unver.
LINCOLN Range (Nebr)	385 (HK) (116.1)	170°, 2.4	SBMRLZ-DTV	(4); 116.1
(NG) Lincoln (Nebr)	5.5 NW;RR NE	1190	71h L5 S1	80, 91 oct. Fld lgts prior req.
Lyons (Kans)	1.4 W;hwy N	1950	26 S6	80 oct. P-line N.
Manhattan (Kans)	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan, Kans)	3.7 ENE;hwy S	1050	30 S6	80, 91 oct. Poles sur fld.
Mankato (Kans)	0.8 ESE;RR S	1780	22 S4	73 oct.
(P) Marion (Kans)	1.8 ESE;RR W	1370	36 S2	80 oct. P-line SE.
MARSHALL Army Range (Ft. Riley) (Kans)	215 (DFY)	196°, 4.0	SBMRAZ	
MARSHALL Tower (Kans)	396 (126.18)		CA	(3); 126.18
(A) Marshall (Ft. Riley, Kans) (A)	1.8 SE	1062	45h L5 S6	73, 91, 100 oct. Ditch E, S.
McCook (Nebr)	2.2 E;RR S	2586	42 S4	80 oct. Windmill N. Hwy
(A) McCook AAF (Nebr) (A)	9 NNW;hwy E	2784	75h	TMP INACT. NO FACS. S.
McPherson (Kans)	4 NNE;RR W	1500	26 S6	80 oct. Soft when wet. Poles E.
Moritz (Beloit, Kans)	1.2 NW;RR S	1420	24 S2	73 oct. Trees E.
MORLAND Range (Kans)				DECOMMISSIONED.
Moundridge (Kans)	2.2 WNW	1485	17 S2	Ltd 80 oct. Poles W. RR
(P) Norfolk (Nebr)	3 SSW;RR W	1572	58h S4	73 oct. Riv N. NE.
NORTH PLATTE Range (Lee Bird) (Nebr)	236(NQ)(vhf)	352°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
(P) [North Platte] (Nebr)	3.2 ESE;riv SW	2779	55h L5 S6	73, 80, 91, 100 oct.
(P) Norton (Kans)	0.7 NNW;hwy E	2365	52 S3	73 oct. P-line E, S.
Oberlin (Kans)	0.9 NW;RR SE	2684	25 S1	80 oct. P-line SE, NE.
Ohiowa (Nebr)	3 SW	1572	20	Fence sur fld. Data un- ver.
OMAHA Range (Nebr)	320(OH)(vhf)	146°, 0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE; lkW	982	54h L6 S6	73, 80, 91, 100 oct. No contact lgts.
100th Meridian (Cozed, Nebr)	0.8 SW;RR N	2490	22 S1	80 oct. P-line E.
Ord (Nebr)	1 NW		32 S2	80 oct. Data unver.
* Overton Int, 69, SL-OH (Nebr)	4.8 E;RR S	2300	40 L3	Bldgs, trees NW; poles NE.
PHILLIP BILLARD Tower (Topeka, Kans)	278		CI	(3) (sunrise to sunset)
[Phillip Billard] (Topeka, Kans)	3.5 ENE;RR S	879	42h L5 S6	80, 91 oct.
(P) Phillipsburg (Kans)	1.5 S;RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan, Kans)	1.4 NE;RR SE	1100	20 S4	80 oct. Poles SE, NW, NE
Republican City (Nebr)	0.5 NW;RR S		30 S6	80, 91 oct. Flares in emerg.
Russell (Kans)	2.7 ESE;RR NE	1860	30 S4	80 oct. No sto. Poles N, S, NE.
SALINA Range (Kans)				DECOMMISSIONED.
Salina (Kans)	2.5 SE;riv W	1275	26 S6	80, 91 oct.
Schuyler (Nebr)	2.5 W; bet RR and hwy		25 S4	80 oct. Data unver.
Scott City (Kans)	1.3 ESE hwy N	2980	25 S1	73 oct. P-line N, NE, NW, SW.
(A) Scribner AAF (Nebr) (A)	4.1 SSE;hwy N	1315	67h	CLOSED.
Seneca (Kans)	0.5 W;RR S	1250	24	Poles N, S.
Sky Village (Salina, Kans)	6.6 WSW;RR SE	1270	20 L S2	80 oct. Port rnwy lgts P-line S.
Smith Center (Kans)	SSW;RRNW	1806	27 S1	80 oct.
SMOKY HILL Army Range (Salina) (Kans)	344 (DSN)	170°, 5.05	BMRLZ-DT	(4)
SMOKY HILL AAF Tower (Kans)	396 (126.18)		CA (ILS-W)	(4); 126.18
(A) Smoky Hill AAF (Salina, Kans) (A)	4.5 SW;RR E	1289	100h L5 S4	73, 91, 100 oct. No sto.
Summerfield (Kans)	0.3 SSE;RR W	1450	20 S2	80 oct. P-line N, NW
TARKIO H Fac. (Mo)	281(TK)(116.1)		MHTV	(4); 116.1
Tarkio, 10, KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct. Trees N.
TOPEKA VHF Range (Kans)				DECOMMISSIONED
TOPEKA Army Range (Kans)	269 (DTO)	32°, 3.5	BMRAZ	(4)
TOPEKA AAF Tower (Kans)	206 (116.1, 126.18)		CA	(3); 116.1, 126.18
(A) Topeka AAF (Kans) (A)	6 S;RR W	1078	65h L5 S6	73, 91, 100 oct. JP-1 No sto.
Union (Lincoln, Nebr)	4.8 NNE;RR S	1140	18h L3 S6	80, 91 oct. All lgts prior req.
WALDO VHF Range (Kans)				DECOMMISSIONED
(A) Walker AAF (Hays, Kans) (A)	12.5 E;hwy S	1975	80h	CLOSED.
Waverly (Lincoln, Neb)	9 NE;RR SE	1180	20	Poles SE, SSW.
West Point (Nebr)	1.5 E;hwy W		16 S4	80 oct. Data unver.
Wood Arpk (Clay Center, Kans)	3.5 N;hwy W	1260	15 S6	80 oct. No sto. P-line W.
Wright Arpk (Abilene, Kans)	1 SSE;riv S	1150	13 S1	80 oct. Trees S, E.

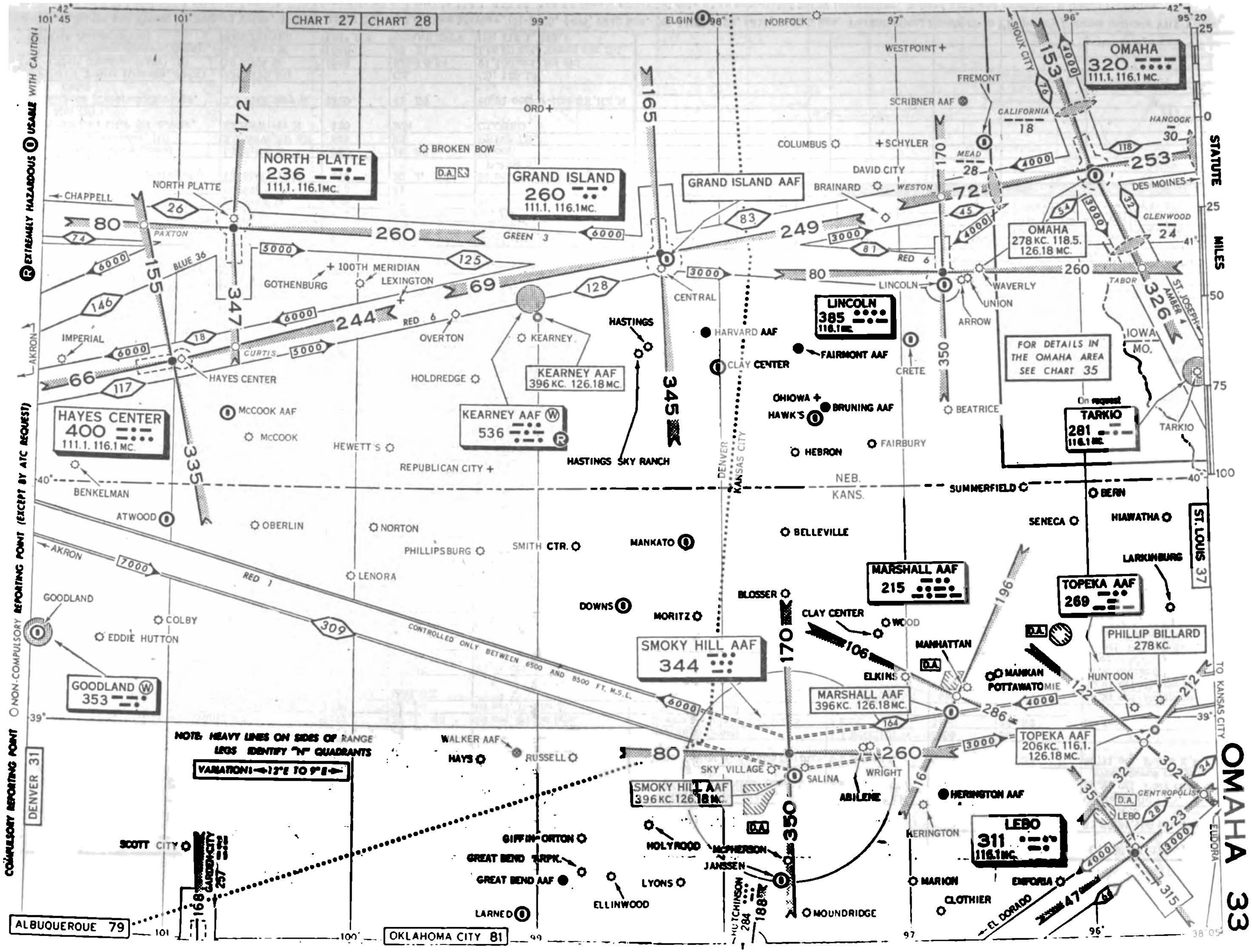
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
GRAND ISL. AAF (A)				DECOMMISSIONED
OMAHA	110.3	335	135°	IM- ••••••(0.06) MM- •-•-(0.78) OM- – –(4.90)
				MMK- 201 •••• OMK- 219 – – –
SMOKY HILL (A)	109.9	333.8	123°	IM- (0.19) MM- ••••••(0.89) OM- – –(4.20)
				MMK- OMK-
				IM- MM- OM-
				MMK- OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S transmits on and guards 116.1, 137.88, 140.88 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) ➔ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


CHART 27
CHART 28
R EXTREMELY HAZARDOUS O USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
NORTH PLATTE 236 111.1. 116.1MC.
GRAND ISLAND 260 111.1. 116.1MC.
GRAND ISLAND AAF
HAYES CENTER 400 111.1. 116.1 MC.
KEARNEY AAF 396 KC. 126.18 MC.
KEARNEY AAF W 536 R
LINCOLN 385 116.1MC.
OMAHA 320 111.1. 116.1 MC.
OMAHA 278 KC. 118.5. 126.18 MC.
TARKIO 281 116.1 MC.
MARSHALL AAF 215
MARSHALL AAF 396 KC. 126.18 MC.
TOPEKA AAF 269
TOPEKA AAF 206 KC. 116.1. 126.18 MC.
PHILLIP BILLARD 278 KC.
LEBO 311 116.1MC.
SMOKY HILL AAF 344
SMOKY HILL AAF 396 KC. 126.18 MC.
GOODLAND W 353
FOR DETAILS IN THE OMAHA AREA SEE CHART 35
On request
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 12°E TO 9°E
NOT TO BE USED FOR NAVIGATION
CONTROLLED ONLY BETWEEN 6500 AND 8500 FT. M.S.L.
STATUTE MILES
OMAHA 33
DENVER 31
ALBUQUERQUE 79
OKLAHOMA CITY 81
TO KANSAS CITY
NEB.
KANS.
IOWA
MO.
DENVER
KANSAS CITY
ST. LOUIS 37
CHAPPELL
PAXTON
GOTHENBURG
100TH MERIDIAN
LEXINGTON
IMPERIAL
AKRON
CURTIS
HAYES CENTER
McCOOK AAF
McCOOK
HEWETT'S
REPUBLICAN CITY
BENKELMAN
ATWOOD
OBERLIN
NORTON
PHILLIPSBURG
SMITH CTR.
LENORA
GOODLAND
COLBY
EDDIE HUTTON
BROKEN BOW
ORD
OVERTON
KEARNEY
HOLDREDGE
HASTINGS
HASTINGS SKY RANCH
HARVARD AAF
FAIRMONT AAF
CLAY CENTER
CENTRAL
ELGIN
NORFOLK
WESTPOINT
FREMONT
SCRIBNER AAF
COLUMBUS
SCHYLER
DAVID CITY
BRAINARD
WESTON
MEAD
CALIFORNIA
HANCOCK
DES MOINES
GLENWOOD
SIOUX CITY
LINCOLN
WAVERLY
UNION
ARROW
TABOR
ST. JOSEPH
CRETE
BEATRICE
OHIOWA
HAWK'S
BRUNING AAF
HEBRON
FAIRBURY
SUMMERFIELD
BERN
SENECA
HIAWATHA
LARKINBURG
TARKIO
BELLEVILLE
MANKATO
DOWNS
MORITZ
BLOSSER
CLAY CENTER
WOOD
MANHATTAN
ELKINS
MANKAN
POTTAWATOMIE
HUNTOON
CENTROPOLIS
EMPORIA
MARION
CLOTHIER
EL DORADO
WALKER AAF
HAYS
RUSSELL
SKY VILLAGE
SALINA
WRIGHT
ABILENE
HERINGTON AAF
HERINGTON
SCOTT CITY
GARDEN CITY
GIFFIN
ORTON
HOLYROOD
McPHERSON
JANSSEN
GREAT BEND TURPK.
GREAT BEND AAF
LYONS
ELLINWOOD
LARNED
HUTCHINSON
MOUNDRIDGE
ELDORA
RED 1
RED 6
BLUE 36
GREEN 3
AMBER 4
CONTROLLED ONLY BETWEEN 6500 AND 8500 FT. M.S.L.

FACILITY	FREQ., IDENT., ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Auburn (Nebr)	2.7 E;riv SW	960	29 S6	80 oct. P-line N,NW,NE.
Boardtown (Ill)	1.5 SE;RR N,W		18 S2	80 oct. Data unver.
Black Walnut (St. Louis, Mo)	18 NNW	442	20	
Blair (Nebr)	3 NNW;RR E	1050	24 S6	80,91 oct. Windmill NW.
(F) Boulder (Colo)	3 ENE;RR NW	5350	42 S5	80,91 oct. Bldg N. RR S.
→ BUCKLEY Tower (Colo)(NG)	201 (126.18)		CA	(3); 126.18 (8-16)
(NG)(N) Buckley (NAS) (Denver, Colo)	12.5 ESE	5642	80h	To be taken over by Navy.
Calhan (Colo)	0.6 ESE;hwy N	6500	22 S1	80 oct.
* Chesterfield Int,4 L8-CG (Ill)	3 ENE;hwy N	612	26 L3	
Civil Air Patrol (Denver, Colo)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Clear Ridge (Omaha, Nebr)	5.2 NW;RR N	1230	24 S6	80 oct. P-line E.
COLORADO SPRINGS Range (Peterson)(Colo)	224 (CD)	166°, 3.9	MRLWZ	
Combs (Denver, Colo)	3 NE;RR N	5276	29 S6	80,91 oct. P-line N,S.
Council Bluffs (Iowa)	3 SE;RR S	980	37 S6	80 oct. Bldgs SW.
Craig (Mo)	0.6 NE;RR SW	875	25 S1	73 oct. P-line WNW.
Creighton (Golden, Colo)	4 E;lake E	5600	30 S1	80 oct. NW blocked.
Creve Coeur (St. Louis, Mo)	14.5 WNW	445	37	Lake E.
Crosier (Greeley, Colo)	3.5 E;rd,riv S	4648	34	73,91 oct.
Cyril Lebert (Lebanon, Ill)	0.5 SE;hwy N	440	22 S2	80 oct. Poles N,W,S.
DENVER Range (Stapleton)(Colo)	379 (DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3); 131.7, 116.1
DENVER VHF Range (Stapleton) (Colo)	109.1 (DV)(vhf)	211°,9.7	BVAR-DTXV	(3); 131.7, 116.1
Dunlap (Iowa)	0.5 WNW;RR SE	1160	30 S3	80 oct. P-line NNE.
Eagleton (Decatur, Nebr)	1 S;riv NE	1100	26 S2	73 oct. Poles NE;trees NW.
East Colfax (Watkins, Colo)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N,NW.
Edwardsville (Ill)	3.4 E;RR N	555	21 S2	No fuel. P-line E,S.
Ellisville (Mo)	0.4 NE;hwy S	750	16 S2	80 oct.
Englewood (Colo)	6.8 SSE;hwy S	5520	45 S6	80, 91 oct.
Falls City (Nebr)	1.2 NE	960	29 S2	80 oct. Data unver.
Flagler (Colo)	0.8 S;RR N	4975	48 S4	80 oct. 20' p-line E.
Fleck's Lakeview (Rochester, Ill)	2.8 W;lake W	580	21 S6	80 oct. P-line W.
Gundlach (Belleville, Ill)	1.8 E	514	23	Obsts sur fld.
H & S (Gillespie, Ill)	1 W;RR S	661	18	P-line N.
Harlan (Iowa)	5 SSW;hwy E	1196	27 S2	73 oct. Hi-line S,E.
Hew's (Humboldt, Nebr)	4.2 NNE;RR S	1200	13	Pwr line E.
Hi ghland-Winet (Highland,Ill)	3.6 NE;RR S	535	24	P-line S.
Jacksonville (Ill)	3.9 S;hwy E	650	19 S4	80 oct.
Kratz (St. Charles, Mo)	1.1 ESE;RR S	442	30 L S6	80,91 oct. Port rnwy lgts.
Lakeside (E. St. Louis, Ill)	7 NNE;lake W	420	32 L S6	80,91 oct. Port lgts on req. SE blocked.
LAMBERT-ST. LOUIS Tower (St. Louis, Mo)	278 (126.18, 118.3)		AC (ILS-W)	(4); 126.18, 122.5, 118.3
(NG)(N) [Lambert-St Louis](Nas) (St. Louis, Mo)	10.8 NW;hwy N, W	552	60h L6 S6	80-100 oct. Rdo rqrd.
Longmont (Colo)	2.9 W;RR N	5030	40 S6	80,91 oct. Trees NW.
LOWRY Tower (Colo)	396 (126.18)+		CA	(3); 126 18
(A) Lowry (Denver, Colo) (A)	5.3 ESE	5412	83h L5 S6	91, 100 oct JP-1
Lucas (Festus, Mo)	1.7 S;RR W	425	16 S2	73 oct.
Machens (Mo)	1 NNW	450	41	
Meremec (Valley Park, Mo)	1.5 ESE;riv N	440	30 L S2	80 oct. Port rnwy lgts. P-line S.
Missouri Valley (Iowa)	1.5 S;RR W	960	16 S2	80 oct.
Negus (Alexander, Ill)	2.8 WSW;RR SE	645	22	PRIVATE.
(N) Neubeiser OLF (St. Louis, Mo) (N)	22 NNW;riv N	438	20h	CLOSED.
Nichols (Colorado Springs, Colo)	2.8 NNE;hwy W	6300	42 S6	80,91 oct. P-line SE,NE,N
OFFUTT Tower (Omaha, Nebr)	396 (126.18)		CA	(3); 126.18
(A) Offutt (Omaha, Nebr) (A)	10 S;RR W	1046	61h L5 S4	91,100 oct. No sto.
Oliver Ranch (Onawa, Iowa)	5 SE;hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
OMAHA Range (Nebr)	320(OH)(vhf)	146°,0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE;lake W	982	54h L6 S6	73,80,91,100 oct. No contact lgts.
Parks (East St. Louis, Mo)	4.2 SW;RR SE	410	26 L1	Obsts on fld.
Parks Metropolitan (East St. Louis, Ill)	3.5 SSW;RR W	420	40 L S6	80,91 oct. Port rnwy lgts. 1700' paved rnwys
Pine Valley (Colorado Springs, Colo)	9.2 N;hwy E	6575	47 S6	80,91 oct. Poles E,W, NNW
Randolph (Iowa)	1.7 NNE;RR W	1050	20	
Rocky Mountain (Colorado Springs, Colo)	6 ESE	6100	35 S2	No fuel.
Ross (St. Louis, Mo)	4.8 NNW;RR SE	430	30 S6	80,91 oct. Poles sur fld
Ruston (Denver, Colo)	10 NNW;hwy W	5550	40 S6	80,91 oct. P-line NE,SW, E,W blocked. Rnwy data unver.
Rutledge (Dupont, Colo)	1 S;bet RR & hwy	5107	42 S6	80 oct. P-lines sur fld
St. Charles (Mo)	5.3 NNW;RR N	470	29 S6	80 oct Poles E,N,NE,SE
ST. LOUIS Range (Lambert-St. Louis) (Mo)	209(LS)(vhf)	256°,2.2	SBRAZ-DTXV	(3); 116.1, 122.1
SCOTT Army Range (Bellev'l, Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill)	396 +		CA	(4)
(A) Scott (Belleville,Ill)(A)	7.5 ENE;RR S	444	55h L5 S5	73,91,100 oct JP-1
Shenandoah (Iowa)	2.8 W;RR SE	960	25 L S2	80 oct. Port rnwy lgts
SKY RANCH Tower (Colo)	296		CI	(3); (8-17)
Sky Ranch (Denver, Colo)	12.6 E;RR S	5478	55 S6	73,80,91 oct.
SPANISH LAKE (Mo)	219 (L)	69°, 6.8	FMK	St. Louis
Springfield (Ill)	3.5 SW;bet RRs	606	31 S6	80,91 oct. Use strips only.
SPRINGFIELD Range (Mo)	254(SX)(116.1)	134°, 4.3	SBRAZ-DTV	(4); 116.1
STAPLETON Tower (Denver, Colo)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
[Stapleton] (Denver, Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
Starling (St. Louis, Mo)	14 SSW;RR E	615	26 S4	80,91 oct. Obsts sur fld.
Steckley (Weeping Water,Nebr)	3 S;RR,rd E	1260	26	P-line N.
Sylvan Beach (Fenton, Mo)	2 NNW	442	42 L S2	80,91 oct. Port rnwy lgts. P-line N.
TARKIO H Fac. (Mo)	281 (TK)(116.1)		MHTV	(4); 116.1
Tarkio,10,KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct. Trees N.
Tecumseh (Nebr)	1 W;RR NE	1115	26 S2	80 oct. Trees W;p-line N
Valley (Nebr)	1.8 NW;RR NE	1150	22 S1	80 oct.
Vest Aircraft Co.(Denver,Colo	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.
Wadlow (Alton, Ill)	3.5 NNW	600	25 S4	80 oct.
Weiss (Kirkwood, Mo)	4 SW	430	15 S4	80 oct. P-line NE,N.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LAMBERT	110.3		238°	IM- ·····(0.06)	MM-	OM- ——(3.98)
					MMK- 201 ···(0.60)	OMK-
OMAHA	110.3	335	135°	IM- ·····(0.06)	MM- ·—·—(0.78)	OM- ——(4.90)
					MMK- 201 ····	OMK- 219 —·—·
STAPLETON	110.3	335	206°	IM-	MM- ·—·—(0.65)	OM- ——(4.19)
					MMK- 335 ···—	OMK- 359 —··

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

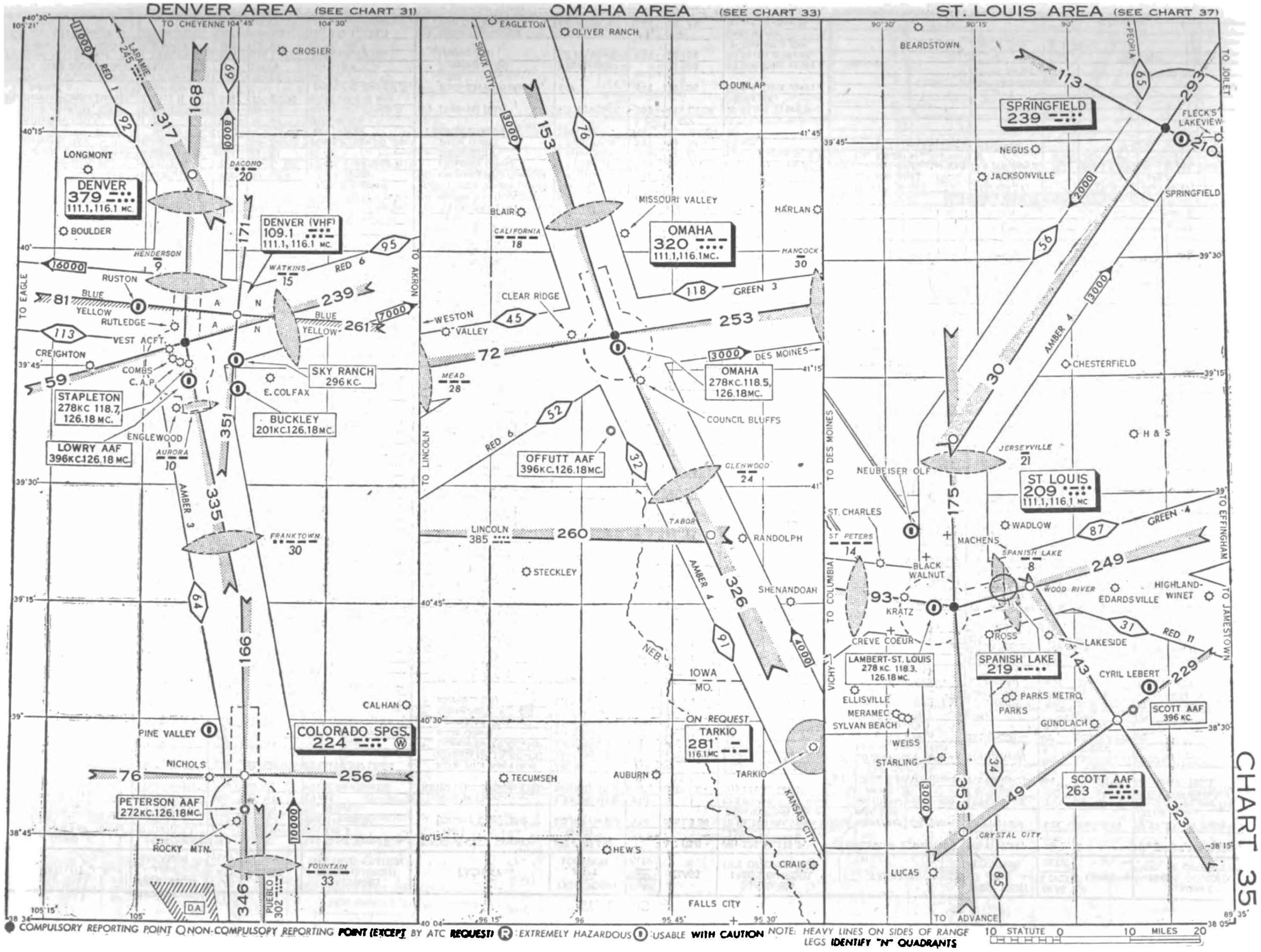

DENVER AREA (SEE CHART 31)
OMAHA AREA (SEE CHART 33)
ST. LOUIS AREA (SEE CHART 37)
DENVER 379 111.1, 116.1 MC.
DENVER (VHF) 109.1 111.1, 116.1 MC.
SKY RANCH 296 KC.
STAPLETON 278KC 118.7, 126.18 MC.
BUCKLEY 201KC 126.18MC.
LOWRY AAF 396KC 126.18 MC.
COLORADO SPGS. 224
PETERSON AAF 272KC. 126.18MC.
OMAHA 320 111.1, 116.1MC.
OMAHA 278KC. 118.5, 126.18MC.
OFFUTT AAF 396KC. 126.18MC.
TARKIO 281 116.1MC
SPRINGFIELD 239
ST LOUIS 209 111.1, 116.1 MC
LAMBERT-ST. LOUIS 278 KC. 118.3, 126.18 MC.
SPANISH LAKE 219
SCOTT AAF 396 KC.
SCOTT AAF 263
TO CHEYENNE
LARAMIE 245
RED 1
LONGMONT
BOULDER
CROSIER
DACONO 20
HENDERSON
RUSTON
WATKINS 15
BLUE
YELLOW
RUTLEDGE
VEST ACFT.
CREIGHTON
COMBS C.A.P.
E. COLFAX
ENGLEWOOD
AURORA 10
FRANKTOWN 30
PINE VALLEY
NICHOLS
ROCKY MTN.
FOUNTAIN 33
CALHAN
TO EAGLE
TO AKRON
TO LINCOLN
TO DES MOINES
TO JOLIET
TO EFFINGHAM
TO JAMESTOWN
EAGLETON
OLIVER RANCH
SIOUX CITY
DUNLAP
BLAIR
CALIFORNIA 18
MISSOURI VALLEY
HARLAN
HANCOCK 30
CLEAR RIDGE
WESTON
VALLEY
MEAD 28
DES MOINES
COUNCIL BLUFFS
GLENWOOD 24
TABOR
RANDOLPH
LINCOLN 385
STECKLEY
SHENANDOAH
NEB.
IOWA
MO.
ON REQUEST
TECUMSEH
AUBURN
TARKIO
KANSAS CITY
HEWS
CRAIG
FALLS CITY
BEARDSTOWN
PEORIA
FLECK'S LAKEVIEW
NEGUS
JACKSONVILLE
SPRINGFIELD
CHESTERFIELD
H & S
JERSEYVILLE 21
NEUBEISER OLF
ST. CHARLES
ST. PETERS 14
WADLOW
MACHENS
BLACK WALNUT
KRATZ
CREVE COEUR
ELLISVILLE
MERAMEC
SYLVAN BEACH
WEISS
STARLING
SPANISH LAKE 8
WOOD RIVER
EDARDSVILLE
HIGHLAND-WINET
ROSS
LAKESIDE
CYRIL LEBERT
PARKS METRO
PARKS
GUNDLACH
CRYSTAL CITY
LUCAS
TO ADVANCE
VICHY
TO COLUMBIA
AMBER 1
AMBER 2
AMBER 3
AMBER 4
RED 6
RED 11
GREEN 3
GREEN 4
● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
10 STATUTE 0 10 MILES 20

CHART 35

FACILITY	FREQ., IDENT ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Adair (Iowa)	1.5 SSE;RR NW	1350	18 S1	Ltd 73 oct.Trees S.
ATLANTIC H Fac. (Iowa)	257(IZ)(116.1)		MHTV	(4); 116.1
Atlantic Mun. (Iowa)	1.9 W;RR E	1153	33 L3	Bcn 1/4 mi W.
Atlantic (Iowa)	4.6 NW;RR S	1353	21 S6	80, 91 oct.
Audubon Arwys (Iowa)	1 SSE;RR W	1300	15 S1	80 oct.
Bailey's (Brookfield, Mo)	2 WSW;hwy N	800	26 S1	80 oct.Pwr line SE Poles E,SE.NW blckd
Bailey's Arpk (Chillicothe, Mo)	2 SSE;RR W	675	32 S6	80 oct S,SW blckd
Beaver (Des Moines)	3.4 NW	900	25 S6	80 oct. (Iowa)
Boonville (Mo)	1.5 NNW;riv S	602	16 S4	80 oct.Obsts sur fld.
Bowling Green (Mo)	1.6 NW;RR E	882	25 S2	80 oct.Poles S;pwr line SE.
BRADFORD H Fac.(Int.)	382 (MQ)		MHT	(4) (Ill)
* ★ Bradford Int,29,KC-CG (Ill)	4.5 NNE;	795	26 L3 S1	80 oct.P-line SW,NE.
(P) Bradley (Moberly,Mo)	3 NNE;hwy W	865	37h S6	80 oct. Obsts.
Briggs (Fiscus,Iowa)	4.2 NE;RR E	1370	21 S2	80 oct. Trees N.
BURLINGTON Range	326(BN)(vhf)	357,1.9	SBRAZ-DTV	(4); 116.1, 122.1 (Iowa
(P) [Burlington] (Iowa)	1.7 SSW	698	54h L5 S6	80, 91, 100 oct.Hwy E
Butler, (Mo)	1.5 N		18 S2	80 oct. Data unver.
Cameron (Mo)	2 E;RR NW	1050	21 S4	80 oct.Poles N,W,NW
Carthage (Ill)	1.5 SSW;RR E	665	24 S6	80 oct.P-line E.
(P) Cedar Rapids (Iowa)	6.7 SSW	860	55h L5 S1	80,91 oct. RR E
Centerville (Iowa)	3.5 SSW;RR N	1017	25 S2	80 oct.Use strips only.
Chariton C.A.P (Iowa)	2.3 NNE;RR SE	1050	16 S1	80 oct.
CHILLICOTHE H Fac (Mo)	242(CK)(116.1)		MHTV	(4); 116.1
Chillicothe,7,KC-CG	3 ESE;RR N, SW	780	25h L3	P-line S;trees SW 4000' strip avail.
Clarinda (Iowa)	0.8 SE;RR W	1060	26 S4	80 oct.
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct.No sto.Port rnwy lgts.
(P) Clinton (Mo)	2 NE;RR SE	800	37 S4	80 oct.Poles SW,S,E,N
►COLUMBIA Range (Mo)	379(CA)(vhf)	89°,3.9	SBRAZ-DTV	(4);116.1,122.1
Columbia (Mo)	2.4 NW;hwy S	777	33h L3 S5	80, 91 oct.
Columbus Junction (Ia)	3 N;RR E	580	28 S2	80 oct.P-line N,E.
Cram (Davenport,Iowa)	2.5 NW;RR SW	646	21 S6	80,91,100 oct.
Creston Arwys (Iowa)	1.6 NE;RR W	1320		UNUSABLE.
Daviess Co. (Mo)	1.1 W;RR N	930	16 S1	80 oct. Pole N.
Decatur (Ill)	4 NW	678	29 S6	80,91 oct P-line S,SW W, NW.
DES MOINES Range (Iowa)	212(DM)(vhf)	344°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
DES MOINES Tower (Iowa	276 (126.18, 118.3)		C	(4);126.18,122.5,118.3
(A) [Des Moines] (Iowa) Dixon (Ill)	4.5 SSW	950	57h L5 S4	80,91,100 oct. RR W.
	1.9 ESE;RR S	766	30 L1 S6	80,91 oct.Appchs blckd except E and N half W boundary.
Dodge (Iowa)	3.5 E;RR E	835	27 S6	80 oct. Hwy E.
Dressler (Anita,Iowa)	7 SSE;rd W	1250	17 S2	80 oct. Trees S.
Eads (Iberia, Mo)	1.1 W;hwy NE	960	32 S2	80,91 oct.
Edwards (Grant City)	1.2 ENE;RR W	920	17 S1	Ltd 80 oct. (Mo)
Fayette (Mo)	1.5 S	660	28 S2	80 oct. Data unver.
Fitzgerald (Mendota, Ill)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
Fordyce (Bethany,Mo)	4.8 ESE;rd W	1050	22 S2	80 oct.
Fort Madison (Iowa)	1.5 N;RR W		27 S4	80 oct.Ltd sto.Data
Fulton (Mo)	3 WSW,hwy SE	875	20h S2	80 oct. unver
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct.Fld lgts prior req. E blocked.
Grand (Grand Mound)	1.2 SW;RR N	770	20 S2	80 oct. (Iowa)
Green(Mexico, Mo)	4.3 ESE;RR S	815	36 L S6	80 oct.Port rnwy lgts
Guthrie Center (Iowa)	0.5 NW;riv E	1074	21 S1	80 oct.
Hannibal (Mo)	4.3 WNW; hwy N	735	28 L S6	80 oct.P-line SW.Port rnwy lgts.
Hillsboro (Ill)	1 NE	630	25 S4	Data unver.
Hi-Way (Piatt, Ill)	1.3 WNW;hwy S	665	20 S4	80 oct.35'p-line S,E.
(P) Hunter (Cedar Rapids, Iowa)	3 S;riv N	732	27 L3 S6	80,91 oct.Fld lgts prior req.Poles S,E.
Huston (Windsor,Mo)	4.3 E;hwy N	932	25 S1	80 oct.
IOWA CITY H Fac (Iowa)	248(IX)(116.1)		BHTV	(4); 116.1
(P) [Iowa City] (Iowa)	1.7 SW;riv E	650	43h L1 S6	80,91 oct.No sto.
Jefferson City (Mo)	2 N;hwy S	550	32 S6	80, 91 oct.
KANSAS CITY Range (Mo)	359(KC)(vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
►KANSAS CITY Tower (Mo)	278 (126.18, 118.3)		AC (ILS	(4); 126.18,118.3, 122.5.
[Kansas City] (Mo)	2.5 NW;riv W,S	739	52h L6 S6	80,91,100 oct.Poles E Dike W.Flood lgts in op.
Keokuk (Iowa)	4.6 NNW;riv E	670	28 S1	Ltd 80 oct.
KIRKSVILLE Range (Mo)	391(KR)(116.1)	333°, 0.9	BMRLZ-DTV	(4); 116.1, 122.1
Kirksville Arpk (Mo)	Adj SE	927	26	Closed for winter.
Kirksvi lle,12,KC-CG	7 SE;hwy NE	970	39h L3 S6	80,91 oct. (Mo)
* Lamoni Int,10,KC-MP	3 WNW;RR NE	1163	37 L3	(Iowa)
Leon (Iowa)	4.1 N;RR SE	1050	20 S2	80 oct.
Lexington (Mo)	3 WNW;RR NW	650	33 S6	73 oct.P-line S,W,SW
* Luray Int,16,KC-CG	1.9 ESE;hwy N	727	26 L3	(Mo)
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73,80 oct.N,NE blckd. P-line E, SE.
Mader (Garnett,Kans)	2 WNW;hwy S	1060	26	
Manning (Iowa)	0.6 SW;RR W	1327	25 S2	73 oct.
Marceline (Mo)	1.5 N;RR SE	855	20 S1	80 oct.P-line NNE.
MARSHALL H Fac. (Mo)	281(MH)(116.1)		MHTV	(4);116.1,122.1
★ Marshall Int,7,KC-LS	1.8 S;hwy E	800	39 L3 S2	80 oct.Silo NE corner
(P) Maryville Mun. (Mo)	2.2 WNW;hwy S	1154	25 S6	80, 91 oct. (Mo)
Matanzas (Havana, Ill)	4 S;riv W	480	24 S6	80 oct.Data unver.
McCoy (Blue Mound,Ill)	5 W	660	16 S2	No fuel.
McVille (Mechanicsville, Iowa)	3.2 WNW;RR S	850	30 S6	80 oct. Poles S,W.
Medbury (Armington)	1 NE	650	26	Data unver. (Ill)
Mel Adkins (Gravois Mills, Mo)	4.2 SSE;hwy W	950	19	
Melbourne (Iowa)	1.5 SW	1000	20 S1	80 oct. Poles N.
Melbourne, com.(Iowa)	0.3 S;RR E	1000	21 S2	80 oct. P-line E.
MOLINE Range (Ill)	224(MO)(116.1)	142°, 12.0	SBRAZ-DTV	(4); 116.1
MOLINE ARPT Range (Ill)	278	86°, 2.3	ML	3105 (on req.)
(P) [Moline] (Ill)	4 S;hwy E,N	590	40h L6 S6	73,80,91 oct.;100 oct for Army.Poles NW.
Monmouth (Ill)	1.5 NNE;rd E	770	31 L1 S6	80 oct.P-line E,W,S.
MONTEZUMA H Fac.				DECOMMISSIONED
* Montezuma Int,17, OH-CG (Iowa)	3 E;hwy N	953	32 L3	Poles,trees SW.Pwr line N.
Morton (Ill)	3 W;hwy N		33 S2	80 oct.Use NE/SW strip. Data unver.
Mt.Ayrport (Mt.Ayr, Iowa)	6.6 N;RR N	1100	21 S1	Ltd 80 oct. Poles N, NE.
Mt. Hawley (Peoria)	6.4 N;rds E,S	700	28 S6	80 oct.P-line S,E.(Ill)
Mt. Pleasant (Iowa)	2.6 ESE;RR N	727	19 S2	80 oct.
(P) Muscatine (Iowa)	6 SW;RR SE	546	36 L3 S6	80 oct.
Nashville (Ill)	1 E;lake W		20 S1	80 oct. Data unver.
NEW FLORENCE H Fac (Int.)(Mo)	248(ST)(116.1)		BHTV	(4)1 116.1
* New Florence Int,17, KC-LS (Mo)	1 SSE;hwy N	885	40 L3 S1	80 oct.
Newton (Iowa)	1.5 ENE;hwy S	950	19 S1	80 oct.
Nicholas (Marshall,Mo)	3.8 S;hwy W	770	26 S4	80 oct. Pwr line S.
Niederhauser Arwys (Grinnell, Iowa)	4.5 E	1000	26 S2	80 oct.
OLATHE Navy Range (Kans)	420 (NUU)	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kan)	201 (142.74)		CN (GCA)	(3); 142.74 (8-18)
(N) Olathe Nas (Kans)(N)	5.2 SW;RR W	1085	53h L5 S6	100 oct.
OTTUMWA Tower (Iowa)	272 (14, 4)		CN	(3); 142.74
(N) Ottumwa NAS (Iowa)(N)	6.4 NNW	841	52h L5 S6	73, 100 oct.
Ottumwa (Iowa)	3.6 N;hwy S	830	32 S6	80,91 oct. Hwy W.
Pekin (Ill)	4 S;bet RRs	505	24 S2	80 oct.P-line W,N,E.
Pella (Iowa)	3.5 SE;RR N	877	24 S6	80 oct.
PEORIA Range (Ill)	356 (PI)	178°, 2.3	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW;rd E	659	44h L5 S6	80,91 oct.Trees W Bldg NE.
Phil-Larry (Roanoke, Ill)	4 W	474	23 S6	80 oct. Data unver.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
Quincy (Ill)	2.8 SE;hwy E	650	26 S6	80,91 oct.E blckd. P-line SE,S,SW.
(P) Quincy (new)(Ill)	9.5 E	760	54h	Data unver.
Red Oak (Iowa)	1.5 W;RR E	1044	25 S2	80 oct. P-line N.
ROSECRANS Tower (Mo)	278 (126.18, 118.7)		C	(4); 126.18,118 7,122.5
(NG)[Rosecrans] (St. Joseph, Mo)	4 NW;riv SW	821	60h L5 S6	80,91,100 oct.Fld lgts prior req.
Roth (Oskaloosa,Iowa)	2 SSE;RR NE	850	20 S2	80 oct.Trees sur fld.
St. David (Ill)	1.5 SW;RR N	628	22 S2	80 oct.200' stack NE.
ST. JOSEPH Range (Rosecrans) (Mo)	341 (ZJ)(vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
ST. LOUIS Range (Lambert-St.Louis)(Mo)	209(LS)(vhf)	256°, 2.2	SBRAZ-DTXV	(3);116,1,122.1
SCOTT Army Range (Belleville)(Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill)	396+		CA	(4)
(A) Scott (Belleville,Ill)(A)	7.5 ENE;RR S	444	55h L5 S5	73,91,100 oct.IP-1
Sedalia (Mo)	6.3 NW;RR S	820	30 S6	80 oct.Poles S.
(A) Sedalia AAF (Knobnoster, Mo) (A)	2.8 S;hwy N	834	72h	TMP INACT.NO FACS
Seymour (Iowa)	2 NNW;RR S	1060	24 S1	80 oct. Hedge S.
Slater (Mo)	0.8 NW;hwy SE	850	26	P-line adj N.
SPANISH LAKE (Mo)	219 (L)	69°,7.8	FMK	St. Louis
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4)
Springfield (Ill)	3.5 SW;bet RRs	606	31 S6	80,91 oct.Use strips.
Sterling (Ill)	1.4 N;hwy E	645	25 S6	80,91 oct.E,SE blckd.
* Stuart Int,8,OH-CG (Ia)	3.5 SE;rd E	1189	31 L3	P-line NE,E.
Taylorville (Ill)	1 SW		26 S6	80 oct. Data unver.
Unionville Arwys (Mo)	1.5 ESE;hwy NE	1100	24 S2	80 oct.P-line N.
Vandalia (Ill)	4.4 NW	532	39h L3 S6	80 oct.
*† Van Orin Int,34,OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W
Vaughn (Trenton,Mo)	1.2 NNW;RR E	790	26	
Venture (Ottumwa,Ia)	2.8 SSE;RR W	800	13 S6	80 oct.P-line N,W,NE
Versailles (Mo)	1.7 ENE;RR N	1050	20 S2	80 oct.Pwr line N,NE, NW.
VICHY (AAF) Range (Mo) ►	344(OM)(116.1)	310°, 2.7	BMRLZ-DTV	(4);116.1,122.1
(A) Vichy AAF (Mo)(A)	1.5 NNW	1120	55h	CLOSED. Hwy SW.
Vogel (La Salle,Ill)	6.5 NNW;RR E	664	26 S2	80,90 oct.Soft when wet. Poles N, W.
Warrensburg (Mo)	7.3 SSW;hwy E	880	22 S6	80 oct.
Washington (Iowa)	1.5 SSE;RR NE	769	26 S6	80 oct.
Weise Flying Service (Lone Tree, Iowa)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver.
Winterset (Iowa)	2 W;RR E	1130	21 S4	80 oct. Fence each end rnwy.
Wright (Garden City, Mo)	1.4 NNW;hwy SW	880	25 S1	80 oct. P-line S.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KANSAS CITY	109.9	333.8	173°	IM- ••••••(0.01)	MM-	OM- ——(4.65)
					MMK-221•••2.6	OMK-248•••(1.0
LAMBERT	110.3		238°	IM- ••••••(0.06)	MM-	OM- ——(3.98)
					MMK201 •••(0.60)	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-

NEW FACILITIES

LAMBERT Tower (St.Louis.Mo.)	276(126.18, 118.3)		AC(ILS-W)	(4);126.18,122.5, 118.3
(NG)[Lambert-St.Louis (N) (St. Louis)	(NAS)10.8 NW;hwy N, W	552	60h L6 S6	80-100 oct. Rdo rqrd.

S-Simul, Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. †Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page IV) ►► NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

CHART 29

ST. LOUIS 37

USABLE WITH CAUTION

EXTREMELY HAZARDOUS

COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

NON-COMPULSORY REPORTING POINT

STATUTE MILES

MANNING
GUTHRIE CENTER
BRIGGS
AUDUBON
DES MOINES 278 KC. 118.3. 126.18 MC.
DODGE
TO MASON CITY
MELBOURNE COM.
MELBOURNE
NIEDERHAUSER AWYS.
NEWTON
MONROE 24
CEDAR RAPIDS
HUNTER
Mc VILLE
IOWA CITY 248 116.1 MC.
IOWA CITY
CLINTON
MOLINE 224 116.1MC.
STERLING
ROCKFORD 338
DIXON
VAN ORIN
FITZGERALD
ATLANTIC
ADAIR
STUART
BEAVER
GRAND
CRAM
EARLHAM 26
WINTERSET
PELLA
MONTEZUMA
WEISE FLY. SVC.
MUSCATINE
GREEN 3
IOWA CITY
MOLINE
PRINCETON
BRADFORD
VOGEL
CHICAGO
OMAHA
ATLANTIC MUN.
DRESSLER
ROTH
WASHINGTON
COLUMBUS JCT
MOLINE 278 KC. On request
ATLANTIC 257 116.1 MC. On request
CRESTON AWYS.
DES MOINES 212 111.1, 116.1 MC.
CHARITON C.A.P.
OTTUMWA MUN.
CHICAGO KANSAS CITY
BURLINGTON
MONMOUTH
GALESBURG
BRADFORD 382 On request
MT. HAWLEY
RED OAK
CLARINDA
MT. AYRPORT
LEON
NAS. OTTUMWA 272 KC. 142.74 MC.
HUMESTON
SEYMOUR
VENTURE
CENTERVILLE
MT. PLEASANT
BURLINGTON 326 111.1, 116.1 MC.
OMAHA 33
IOWA MO.
LAMONI
MARYVILLE MEM'L
EDWARDS
FOR DETAILS IN THE KANSAS CITY AREA SEE CHART 39
UNIONVILLE AWYS.
LURAY
FORT MADISON
KEOKUK
MO. ILL.
HI-WAY
PEORIA
ST. DAVID
MACOMB
CARTHAGE
PEORIA 356
MATANZAS
PHIL LARRY
MORTON
PEKIN
JOLIET
CHICAGO
TERRE HAUTE 55
MEDBERY
TABOR
OMAHA
AMBER 4
AMBER 5
KIRKSVILLE ARPK.
KIRKSVILLE
FORDYCE
VAUGHN
DAVIESS CO.
CHILLICOTHE
ST. JOSEPH 341 111.1, 116.1 MC.
KIRKSVILLE 391 116.1 MC.
+ QUINCY (NEW)
QUINCY
ROSECRANS 278 KC. 118.7. 126.18 MC.
BAILEY'S ARPK.
CAMERON
MARCELINE
BAILEY
HANNIBAL
SPRINGFIELD 239
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 35
DECATUR
SPRINGFIELD
MC COY
TAYLORVILLE +
KANSAS CITY 278 KC. 118.3. 126.18 MC.
LINKVILLE
EXCELSIOR SPRINGS
CHILLICOTHE 242 116.1 MC. On request
BRADLEY
COLUMBIA 379 111.1, 116.1 MC.
BOWLING GREEN
MARSHALL
SLATER
FAYETTE
LEXINGTON
NICHOLAS
GREEN 4
GREEN
NEW FLORENCE
ST. LOUIS 209 111.1, 116.1 MC.
JERSEYVILLE
SPANISH LAKE 219
HILLSBORO
EFFINGHAM
DE SOTO
EUDORA
KANSAS CITY 359 111.1, 116.1 MC.
BOONVILLE
ST. PETERS
SPANISH LAKE
WOOD
RED 11
JAMESTOWN
EVANSVILLE
VANDALIA
SEDALIA
SEDALIA AAF
MARSHALL 281 116.1 MC. On request
COLUMBIA
FULTON
NEW FLORENCE 248 116.1 MC.
PAOLA
OTTAWA
TOPEKA AAF
WARRENSBURG
WRIGHT
HUSTON
JEFFERSON CITY
KANSAS CITY
ST. LOUIS
CLINTON
VERSAILLES
MADER
NAS. OLATHE 420
LAMBERT-ST. LOUIS 278 KC. 118.3, 126.18 MC.
SCOTT AAF 263
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 9°E TO 4°E
MEL ADKINS
VICHY AAF
VICHY 344 116.1 MC.
BUTLER
KANS.
MO.
JOPLIN
CHANUTE
LITTLE ROCK 85
TO ADVANCE
CRYSTAL CITY
NASHVILLE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Allman (Lenexa, Kans)	2.5 NNW;hwy N	900	22 S1	80 oct. Hedge E.
Conard (Ottawa, Kans)	3.8 NNE;RR S	946	24 S1	80 oct. P-line N; hedge S.
FAIRFAX Tower (Kansas City, Kans)	278 (126.18, 118.9)		C	(4); 126.18, 122.5, 118.9
(A) Fairfax (Kansas City, Kans) (A)	3 NE;RR E	742	65h L5 S4	81, 100 oct.
Fisher (Edwardsville, Kans)	1 ESE;RR N	770	26 S6	80 oct.
Gardner (Kans)	1.4 WSW; hwy S	1070	39	
Gault (Wellsville, Kans)	0.8 ESE; RR N	1020	20 S1	80 oct. Trees E.
Hall's (Olathe, Kans)	2.6 SSE;RR W	1000	16 S2	73 oct. Cattle on fld. Pole line N.
Harrisonville (Mo)	2.1 W;RR N, S	910	20 S1	73 oct. Fld rough.
Hawk's (Atchison, Kans)	1.3 WNW	1000	12 S1	80 oct. Poles N.RR S.
Heart of America (Kansas City, Mo)	4 E;RR E	759	23 S6	80 oct. Poles, trees S.
Independence (Mo)	5.8 ESE;RR S	825	23 S6	80 oct. Poles S.
KANSAS CITY Range (Mo)	359 (KC) (vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
➔KANSAS CITY Tower (Mo)	278 (126.18, 118.3)		AC(ILS)	(4); 126.18, 118.3, 122.5
[Kansas City] (Mo)	2.5 NW;riv W,S	739	52h L6 S6	80,91,100 oct. Poles E. Dike W. Flood lgts inoperative.
(P) Kansas City-Grandview (Kansas City, Mo)	16.4 S;RR E	1072	55h L5 S2	80,91 oct. Fld lgts prior req.
Lawrence (Kans)	2.5 NNE;hwy S	832	32 L3 S6	80 oct. No bcn. Poles W. Lgts prior req.
Leavenworth Lecompton (Kans)	3.6 WSW; RR E	1125	14 S4	80 oct. No sto. Trees, bldg S.
OLATHE Navy Range (Kans)	420 (NUU)	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kans)	201 (142.74)		CN (GCA)	(3); 142.74 (8-18)
(N) Olathe NAS (Kans) (N)	5.2 SW;RR W	1085	53h L5 S6	100 oct.
(N) Olathe OLF #2 (Kans)(N)	5 SE	1090	16h	INACTIVE. 4 mi. W of Stanley.
(N) Olathe OLF #4 (Kans)(N)	10 S	1090	22h	INACTIVE. 1.3 mi. SE of Springhill.
(N) Olathe OLF #7 (Kans)(N)	16 SSW	940	23h	INACTIVE. 4.3 mi. W of Hillsdale.
(N) Olathe OLF #9 (Kans)(N)	11 SE	1070	23h	INACTIVE. 1 N of Stillwell.
Ong (Kansas City, Mo)	9 SE;hwy NE	1050	24 S6	73,80 oct. P-line N,W.
* Osborn Int, 4, KC-MP (Mo)	1.5 NW;hwy S	1046	32 L3	
Ottawa (Kans)	5.3 S;RR W	975	34 L S6	80 oct. Port rnwy lgts Rnwy data unver.
ROSECRANS Tower (St. Joseph, Mo)	278 (126.18, 118.7)		C	(4); 126.18, 118.7, 122.5
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW;riv SW	821	60h L5 S6	80, 91, 100 oct. Fld lgts prior req.
ST. JOSEPH Range (Rosecrans) (Mo)	341 (ZJ) (vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
SHERMAN Tower (Fort Leavenworth, Kans)	396 (126.18)+		CA	(3); 126.18 cont. except Sun. (On Sun. 23-7)
(A) Sherman (Fort Leavenworth, Kans) (A)	1 NNE;RR W	771	60 L5 S4	73, 91, 100 oct.
State Line Arpk (Stanley, Kans)	3.8 NE;RR E	1000	22 S1	80 oct. Poles E.

INSTRUMENT LANDING SYSTEMS (*Localizer and G.P. in mcs, Compass Locators in kcs*)

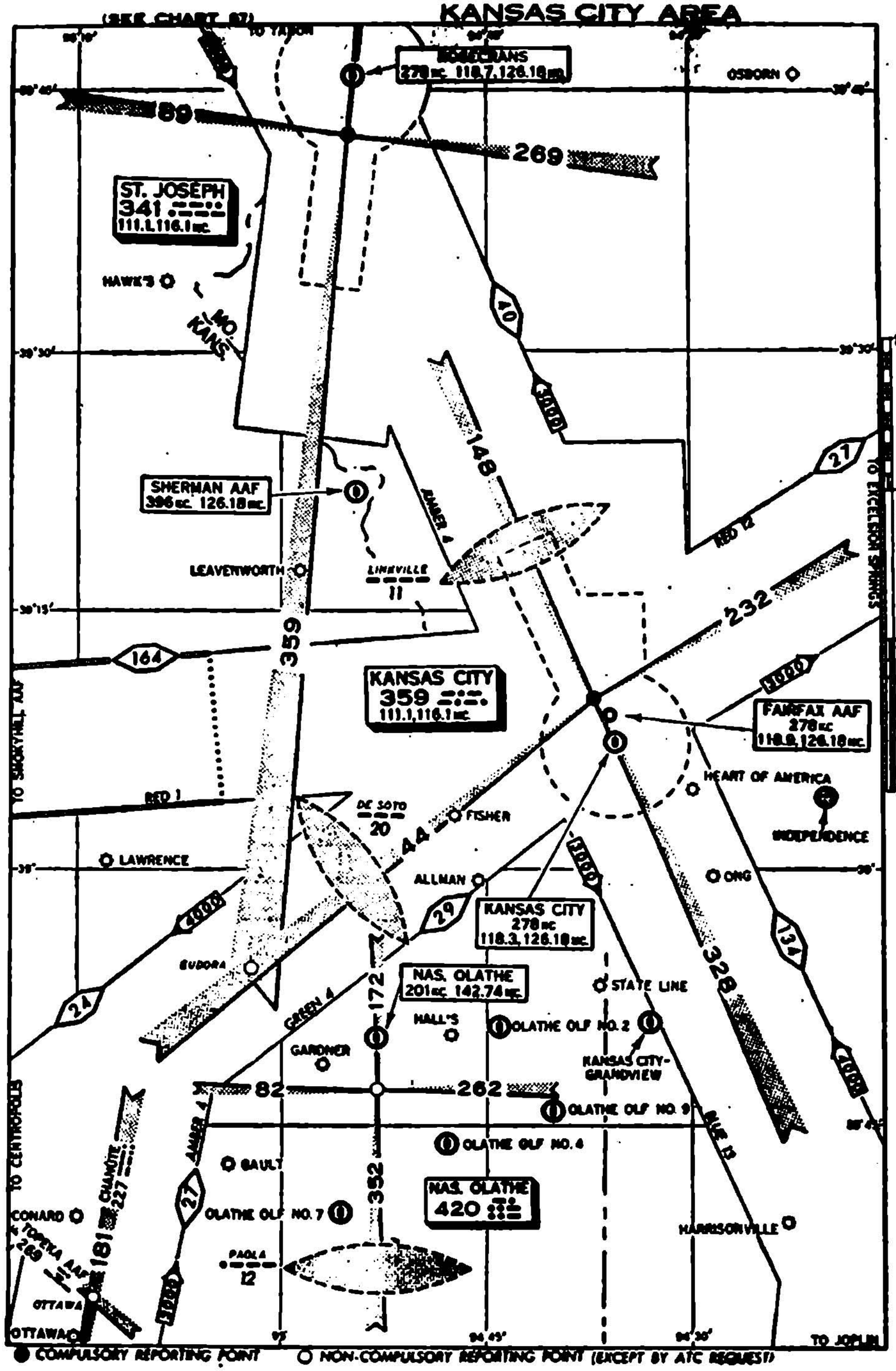
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
➔KANSAS CITY	109.9	333.8	173°	IM- ·-·-·(0.01)	MM-	OM- --(4.65)
					MMK-221 -·-(2.6)	OMK-248 -·-(11)
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page IV) ➔ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

KANSAS CITY AREA



● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 39

RADIO — ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
BRADFORD (Int.)	382 (MQ)	MHT	(4)
CHICAGO	350(CG)(116.1)	SBRAZ-DTXV,152°,2.2	(3); 116.1
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
GLENVIEW (Navy)	269 (NBU)	BMLZ-DT	(3); 140.58, 142.74
Glenview NAS	236(142.74, 140.58)	CN, 140°, 3	(3); 140.58; 3117.5 on req.
HARVEY (Rubinkam)	385 (GH)	MLWZ, 90°, 2.2	
JOLIET	257 (JO)(116.1)	SBRAZ-DTV,126°,3.7	(4); 116.1
NEWARK FM	(- - -)	FM, 246°, 49	Chicago
PEORIA	356 (PI)	SBMRAZ-DT,178°,2.3	(4)
ROCKFORD (Machesney)	338(RD)(116.1)	SBRAZ-DTV,45°,1.7	(4); 116.1
[redacted]			
LOWELL FM	(. - -)	FM, 182°, 40	Chicago
McCOOL (Int.)	360(ML)	MHW	(Cont.)
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen
[redacted]			
GENERAL MITCHELL (Milwaukee)	278 (118.5)	C; 352°, 2.5	(4); 118.5.122.5
GENESEE FM	(- - -)	FM, 279°, 25.3	Milwaukee
KENOSHA FM	(- -)	FM, 178°, 24.7	Milwaukee
MADISON (Truax)	400(MA)(116.1)	BMLZ-DTV,314°, 2.6	(4); 116.1
MILWAUKEE (General Mitchell)	242(MK)(116.1)	SBRAZ-DTV	(3); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

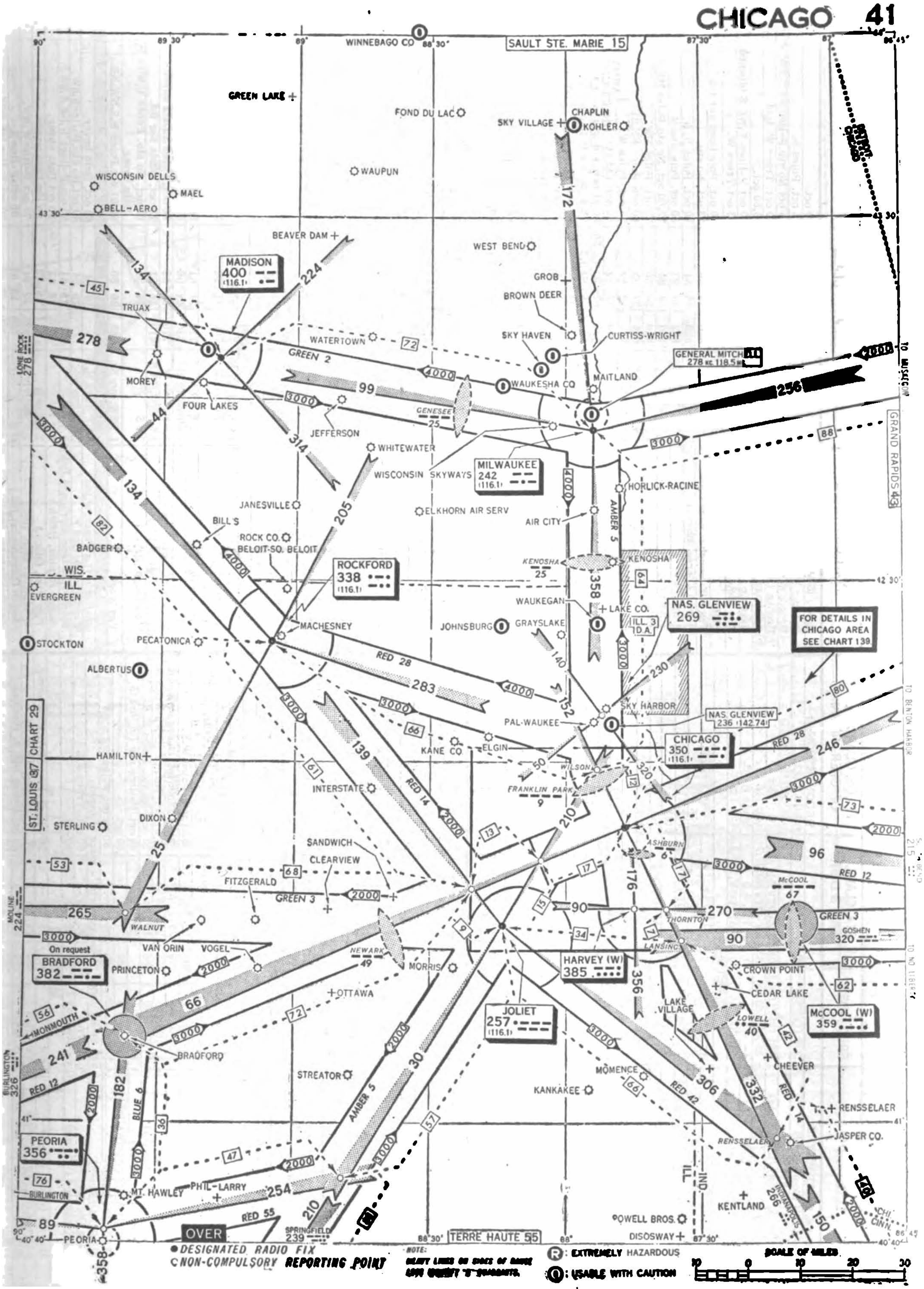
AIRPORTS — ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Albertus (Freeport)	3.8 SE,RRS,W	740	26 S6	73,80 oct.
Beloit-S.Beloit (S. Beloit)	1 S; RR E	772	33 S6	80,91 oct. Hill NE.
* Bradford Int,29, KC-CG	4.5 NNE	795	26 R1 L3 S1	80 oct. Pole line SW, NE.
Clearview (Earlville)	3 E; hwy S		18 S1	80 oct. Data unver.
Dixon	1.9 ESE,RR S	786	30 L1 S6	80,91 oct. Appchs blocked except E
Elgin	2.2 N; hwy W	770	24h S1	80, 91 oct. and N half W bndry.
Evergreen (Warren)	1.4 SSE; hwy W	1000	26 S4	80 oct. Trees W.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
(N)Glenview NAS (N)	1.6 NW;RR W,E	654	63h R2 L3 S6	91,100 oct. No sto.
Grayslake	1.1 ENE;rd W	791	26	Trees W,S,E
Interstate (De Kalb)	1.8 E;RR W	900	42h	
Johnsburg Airpark	0.4 SSW;riv S	740	20 S4	80 oct.
Kane County (Elgin)	7 WNW;hwy E	910	21 S4	80 oct. Trees E,SE,NW
Kankakee	3.2 WSW;hwy E	625	26 S4	73,80 oct. Use strips only. Ditch N.
Kiswaukee (Sycamore) (NC)	2.1 SW; rd E	830	18	
Lake County (Waukegan)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
Machesney, 7, CG-Twin Cities (Rockford)	6 NNE;riv NW	735	29 R1 L3 S6	73,80 oct. E,S blkd. P-line SE
Momence	3.5 SW;riv NW,N	645	23 S2	80 oct. Trees N,NW,NE.
Morris	4.5 N;hwy W	590	21 S2	73 oct. Poles N,NNE.
Mt. Hawley (Peoria)	6.4 N;rds E,S	700	28 S6	80 oct. Pole line S,E.
Pal-Waukee (Glenview)	5.5 WNW;RR S	642	26 L3 S6	80,91 oct. Pole line N.
Pecatonica	1 N;hwy E	750	24 S1	73 oct. Poles E.
(P)PEORIA	4.8 WSW;rd E	659	44h R1 L5 S6	80,91 oct. Trees W, bldgs NE.
Phil-Larry (Roanoke)	4 W	747	23 S6	80 oct. Data unver.
Powell Brothers (Sheldon)	2.2 S;hwy NE	690	20 S2	80 oct.
Princeton	3 N; creek N		18 S2	80 oct. Data unver.
Sky Harbor (Northbrook)	1.6 NW;RR SE	680	26 S6	80,91 oct. Port rnwy lgts.
Sterling	1.4 NW;hwy E	645	25 S6	80,91 oct. E,SE blocked.
Stockton	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Service	2 ENE;hwy S	650	26 S4	80 oct. Pole line E.
* Van Orin Int, 34, OH-CG	1 ENE;RR S	828	33 L3	Poles W.
Vogel (La Salle)	6.5 NNW;RR E	664	26 S2	80,90 oct. Soft when wet. Poles N,W
Waukegan	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Will County (Steger)	0.5 S;RR W	740	15 S6	Pole line S. No sto or fuel.
[redacted]				
Cedar Lake	1.5 NNW;lake E	751	18 S4	73,80 oct. Data unver.
Cheever (Demotte)	3 W		29 S1	80 oct. Data unver.
Crown Point	1 N		30 S6	80 oct. P-line E. Data unver.
Jasper Co. (Rensselaer)	1,5 WNW;hwy 8	676	32 L3 S4	80 oct
Kentland	6 ENE		19	Data unver.
Lake Village	1 NW;hwy 8	650	22 S2	80 oct. Data unver.
Rensselaer	10 NE		18	Data unver.

WISCONSIN

Air City (Sturtevant)	0.6 SE;RR E	633	25 S4	80 oct. Pole line NW.
Badger (Monroe)	1.8 SW;RR N	1080	20 S1	80 oct.
➔ Beaver Dam Inc.	2 N;lake W			ABANDONED
Bell-Aero Service (Baraboo)	4 NNW;hwy W	980	21 S4	80 oct.
Bill's (Broadhead)	1.8 S;riv S,W	780	23 S1	80 oct.
Brown Deer (Milwaukee)	10 NNW;RR E	681	25 S6	80 oct. Pole lines N;trees SE.
Chaplin Arpk (Plymouth)	0.5 N;RR W		22 S2	80 oct. Data unver.
Curtis-Wright (Milwaukee)	9 NW;riv SW	750	30 S6	80,91 oct. Rnwy data unver.
Elkhorn Air Service	1.5 N;hwy E	1000	13 S1	80 oct. Rough and rolling.
Fond du Lac	2.6 ENE;lake WNW	769	26 S2	80 oct. 50' hi-line N.
(P)Four Lakes (Madison)	3 SSE;lake N	881	30 S6	80 oct. Obst lgts prior req.
(P)GENERAL MITCHELL (Milwaukee)	6 S;RR E	676	50h R2 L4 S6	80,91,100 oct.
Grob (Cedarburg)	2 N	875	24 S4	Data unver.
Horlick-Racine (Racine)	2 N;RRs E,W	665	25h L1 S6	80,91 oct. Trees N,SE.
Janesville City (Janesville)	1.8 NNE;RRs NW	880	26 S6	80,91 oct. 51' twr SE;p-line SE.
Jefferson	1.7 WSW;RR E	800	13	Pole line N.
Kenosha	2 S; RR W	623	29 L S6	80,91 oct. Flood lgts.
(P)Kohler	1 N;hwy S	647	30 L1 S6	80 oct. Obsts sur fld.
Mael (Portage)	1.6 NW;lake SE	820	26 S6	80 oct. Obsts sur fld.
Maitland (Milwaukee)	3 ESE; RR W	590	25 S6	73,80,91 oct. Stack S.
Morey (Madison)	9 WNW;hwy E	928	34 S6	80 oct. 30' pole line S.
(P)Rock County (Janesville)	4.5 SSW;RR W	807	54h L5 S2	80,91 oct.
Skyhaven (Milwaukee)	10.5 WNW	800	26 S1	80 oct. Pole line N;trees E,S.
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver.
(A)TRUAX (Madison)	5 NE;hwy E	859	60h R1 L5 S6	80,91 oct. ARMY TMP INACT: CIVIL FACS
Watertown	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukesha County	1.8 N;rd jct NW	904	31 S8	80,91 oct. Pole line S.
Waupun	3.5 W;RR E	912	14 S1	80 oct.
West Bend Flying Service (West Bend)	2.5 E;riv S	880	21 L3 S6	80 oct. Fld lgts prior req. Poles sur fld.
Whitewater	2 N;RR S	810	22 S5	80 oct. P-line E,ENE;ridge E.
(P)Winnebago Co. (Oshkosh)	2 SSW;RR NE	776	50h L1 S4	80,91 oct. No sto. P-line NE,N,W. Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton)	0.8 SE;riv NW	910	24 S6	80 oct. 2 hills SW;trees, pole line NW,NE,SE.
Wisc. Skyways (Hales Corner)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
NEW AIRPORTS				
Ottawa (Ill.)	Adj NW		22 S2	80,91 oct. Data unver.
Disosway Sheldon (Ill)	5.8 SW; RR W		26 S2	73, 80 oct Data unverified
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.
Sandwich, (Ill.)	1 W;RR N		18 S4	80 oct. Data unver.
Beaver Dam, (Wisc.)	1.7 W;lake N,E	910	20 S4	80 oct. Data unver.
Hamilton Arpt (Polo,Ill.)	2.3 NE	795	25 S3	80 oct. P-line N,E blkd.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). ➔ NEW OR REVISED DATA


SAULT STE. MARIE 15
WINNEBAGO CO
GREEN LAKE
FOND DU LAC
CHAPLIN
SKY VILLAGE
KOHLER
WAUPUN
WISCONSIN DELLS
MAEL
BELL-AERO
BEAVER DAM
WEST BEND
MADISON 400 (116.1)
GROB
BROWN DEER
TRUAX
SKY HAVEN
CURTISS-WRIGHT
WATERTOWN
GENERAL MITCH 278 (118.5)
MOREY
FOUR LAKES
WAUKESHA CO
MAITLAND
GENESEE
JEFFERSON
WHITEWATER
MILWAUKEE 242 (116.1)
WISCONSIN SKYWAYS
HORLICK-RACINE
JANESVILLE
ELKHORN AIR SERV
AIR CITY
BILL'S
ROCK CO.
BELOIT-SO. BELOIT
BADGER
KENOSHA
WIS.
ILL.
EVERGREEN
ROCKFORD 338 (116.1)
WAUKEGAN
LAKE CO.
NAS. GLENVIEW 269
FOR DETAILS IN CHICAGO AREA SEE CHART 139
MACHESNEY
JOHNSBURG
GRAYSLAKE
STOCKTON
PECATONICA
ALBERTUS
SKY HARBOR
NAS. GLENVIEW 236 (142.7)
PAL-WAUKEE
CHICAGO 350 (116.1)
HAMILTON
KANE CO
ELGIN
WILSON
FRANKLIN PARK
INTERSTATE
DIXON
STERLING
SANDWICH
CLEARVIEW
FITZGERALD
ASHBURN
McCOOL 67
THORNTON
GOSHEN 320
WALNUT
VAN ORIN
VOGEL
NEWARK
MORRIS
On request
BRADFORD 382
PRINCETON
HARVEY (W) 385
CROWN POINT
OTTAWA
LAKE VILLAGE
CEDAR LAKE
JOLIET 257 (116.1)
LOWELL
McCOOL (W) 359
BRADFORD
STREATOR
MOMENCE
CHEEVER
KANKAKEE
RENSSELAER
JASPER CO.
PEORIA 356
MT. HAWLEY
PHIL-LARRY
KENTLAND
POWELL BROS.
DISOSWAY
SPRINGFIELD 239
TERRE HAUTE 55
OVER
● DESIGNATED RADIO FIX
C NON-COMPULSORY REPORTING POINT
NOTE:
R: EXTREMELY HAZARDOUS
①: USABLE WITH CAUTION
SCALE OF MILES
0 10 20 30
TO BENTON HARBOR
TO MUSKEGON
TO GRAND RAPIDS
TO BELVIDERE
CHART 29
ST. LOUIS
MOLINE
BURLINGTON
LONE ROCK
GREEN 2
RED 28
AMBER 5
BLUE 6
RED 12
RED 14
RED 42
RED 55
GREEN 3

RADIO

INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ BAER, FORT WAYNE			DECOMMISSIONED
BENDIX (South Bend)	278 (118.3)	C	(4);118.3,122.5
→ DECATUR FM			DECOMMISSIONED
FORT WAYNE (Baer Field)	251 (FW)(116.1)	BMRLZ-DTV,51°,3.5	(4);116.1
GOSHEN	320(GO)(116.1)	SBRAZ-DTV,90°,2.7	(4); 116.1
NOTRE DAME LFM	(- -)	LFM, 75°, 8.2	South Bend.
SOUTH BEND (Bendix)	215(SN)(116.1)	SBMRAZ-DTV,75°,3.3	(3); 116,1

MICHIGAN

BANGOR FM	(- - -)	FM, 213°, 48	Grand Rapids
BATTLE CREEK (Kellogg)	272(JC)(116.1)	BMLZ-DTV, 3°,3.2	(4); 116.1
GRAND RAPIDS (Kent County)	329(GR)(116.1)	BMRLZ-DTV,303°,2	(4); 116.1
JACKSON (Reynolds)	257 (JN)	MHT	(4)
LANSING (Capital City)	206 (LJ)	SBMRAZ-DT,280°,3	(4)
MUSKEGON (Muskegon County)	263 (UK)	BMLZ-DT,317°,2.8	(4)

OHIO

ARCHBOLD (Int.)	371(YV)	MHW	(Cont.)

NEW RADIO FACILITIES

MARKLE(Ind)FM	(- - -)	FM, 231°, 10	Ft. Wayne

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Auburn	1.3 NNW;RR E	872	27 S2 9IX	73,80 oct. Trees sur fld.
(A) BAER (Fort Wayne)	7.5 SSW;RR E	799	63h R1 L5 S4	91 oct;100 oct Army.Fld lgts prior
BENDIX (South Bend)	3.5 NW;hwy S	778	48h R2 L3 S6	80-100 oct. Pole line E, S req
Cadet (South Bend)	6.5 NE;RR E	730	33 S4	80 oct. Twr W; pole line E.
Chain Lakes (South Bend)	5.2 W;hwy N,S	765	22 S3	80 oct.
Culver (NC)	2 E;lake W	815	26	
Elkhart	2.7 NNW;RR S	752	27 S6	73,80 oct. Hedge N.
Gordon (New Carlisle)	2.8 ESE;RR N	730	13 S1	Fuel avail. Poles E.
(P) Goshen	4.5 SSE;riv SW	823	39 R1 L3 S6	80,91 oct. P-line S,SE,SW.
La Porte	2.5 SSW,RR W	801	29 L3 S6	80 oct. S & SW blocked
Logansport	4.4 SSW;hwy E	605	27 S1	80 oct. Port rnwy lgts. Poles E,N
→ McComb (Decatur)	0.9 NW;hwy E			ABANDONED.
Manchester (No. Manchester)	1.5 W;RR E	752	20 S2	80 oct. Poles S.
Medaryville	1.1 NW	645	24 S1	80 oct. Data unver.
Michigan City	4 E;RR N	650	23 S3	80,91 oct. Pole line S,W
Midway (Goshen)	5 NW		36	Data unver.
Million (Logansport)	See Logan under "New Airports" - name changed.			
Monticello (Chalmers)	3 ENE;RR W	650	19 S2	80 oct. Hwy W.
Myers (Fort Wayne)	4 SE		24 S2	80,91 oct. Pwrline NE. Data unver
Peru	3.5 WSW;riv E	650	24 S6	80 oct. S,SW blocked.
(P) Plymouth	1.5 NW;RR E	898	32 S4	80,91 oct. Poles W,E.
Rochester	1.5 E;RR N	779	25 L S6	80 oct. Flood lgts on req. Poles SE,
Smith (Fort Wayne)	4.5 N;RR E	831	35h L4 S5	80,91 oct. No sto. S,N,NW;NE blkd
Sportsman (Mishawaka)	3.7 NE;riv S	760	18 S4	73 oct, No sto. Poles E, S.
Starke County (Knox)	1.7 S		26 S3	80 oct. P-lines sur fld. No sto.
Triangle Air Service(Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct.
(P) Tri State (Angola)	4.2 W;lake W	900	35 S4	80,91 oct. P-line SE,S,SW
Victory (Warsaw)	See Smith under "New Airports" - name changed.			
Wake (Huntington)	4 N;hwy E	750	30 S2	80 oct. Trees NE.
Whittenberger (Wabash)	1.5 NNW;hwy E	770	20 S2	80 oct.

MICHIGAN

Abrams (Grand Ledge)	1 NE	844	26 S2	80 oct. Pwr line S,W. Data unver.
Adrian City Arpt (Adrian)	3 SW;RR N	800	25 S6	80,91 oct. Obsts sur fld.
Allegan	1.9 E;RR S	701	21 S4	80 oct. P-line N,E,S. Blocked.
(P) Alma	1.3 NE;riv SE	750	32 S4	80 oct. Tanks S
Austin Lake (Kalamazoo)	8.5 SSE;lake N	860	27 S4	80,91 oct. Poles N.
Aviation Co. Club (Galesburg)	1.7 WSW	800	19 S2	80 oct. Data unver.
Barry (Saginaw)	3 WSW;riv S	599	19 S4	80 oct.
Belding Fliers Inc.	2.1 W;RR E	790	27 S4	73 oct. Poles S.
Breedsville Airpark	0.6 WNW;RR E	654	23 S4	73 oct. No sto. P-line NE,S,SW.
Brooks (Marshall)	1.3 S;riv N	950	26 L3 S6	80 oct. Trees W, lgtd.
(P) CAPITAL CITY (Lansing)	3.8 NW;RR S	857	42h R1 L4 S6	73,80 oct.
Cass Co. Memorial (Dowagiac)	1 NW	750	31 S4	80 oct P-lines E,NE,S blocked.
City (South Haven)	4 S;RR W	640	30 S4	73 oct. Trees W.
Elsie	0.3 SSE;RR NNE	730	19 S1	80 oct. Pole lines sur fld.
Fitch H. Beach (Charlotte)	1.8 ENE;RR NW	880	25 S6	73 oct, No sto.
Haines (Three Rivers)	2.3 NE;riv SE	820	26 S1	80 oct. Poles N, S.
Hastings	3.2 WNW;RR SW	802	34 S3	80 oct. Pole line N.
Hillsdale	1.6 NW;RR E	1160	19 S4	73,80 oct. No sto. Poles NE,E.
Ionia	3 S;hwy W	810	24 S6	73 oct. Poles NW.
Jack Barstow (Midland)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
Jewett (Mason)	1.3 SE;RR W	920	22 S2	73 oct. Poles W. ARMY TMT
Johnsons (Ithaca)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto. INACT.CIVIL FA S.
(A) KELLOGG (Battle Creek)	3 WSW;RR bed W	936	62h R1 L5 S6	80,91 oct. Fld lgts prior req.
(P) KENT COUNTY (Grand Rapids)	3.5 S;RR NE	681	44h R1 L3 S6	73,80,91 oct. P-line NW,SE. Rdo
Kirsch (Sturgis)	1 NW;RR E	922	24 S4	80 oct. Poles S. repairs.
Lakeview	1.1 NNE;lake S	900	19 S6	80 oct. Poles N.
Leach Aero Service (Hartford)	1 NNW;RR E	664	29	Rnwy data unver.
(P) Legg (Coldwater)	1.3 NW	982	32 S2	80 oct. Trees E.
(P) Lindbergh (Kalamazoo)	4 SSE;RR E	872	40h S6	80,91 oct. Poles S;
Marks (Lawton)	1 N;RR S	770	25 S4	73,80 oct. Poles W, ENE.
Mecosta Co., 5, GR-TG (Big Rapids)	1.5 NW;RR E	928	39 L3 S4	80,91 oct.
Miller (Eaton Rapids)	1 ENE;RR W	908	21 S6	73 oct. No sto.
Montcalm Co. (Greenville)	2.5 S;RR E	800	22 S1	80 oct.
Mt. Pleasant	2.2 NE;RR W	755	36 S4	80 oct.
(P) MUSKEGON COUNTY	3.5 S;lake N	627	40h R1 L3 S6	73,80,91 oct.
Newaygo	0.8 SSE;RR NNW	785	20 S1	80 oct.
Niles	1.5 NE;RR NW	740	28 S2	80,91 oct. P-line NE..
Northside (Muskegon)	5.4 NNE	590	29 S4	73 oct. No sto. Refinery SW.
Oceana (Rothbury)	1 W;lakes NE		30 S2	80 oct. Data unver.
Park Township (Holland)	3 WNW;bay S	612	27 L4 S6	73,80 oct, No bcn. Lgts prior req.
(P) Reynolds (Jackson)	2.5 WNW;RR S	990	40h R1 L5 S4	80,91 oct. No sto. P-line SE,SW.
St. Joseph Co. (Centerville)(NC)	5 SE;RR,hwy N	830	15	Pole line N, trees W. Fld,obst lgts on req.
Saugatuck-Douglas (Douglas)	2 S;hwy W		26 S1	73 oct. Data unver.
Shiawassee Co. (Owosso)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Sparta	2.7 SE;RR W	752	25 S4	73,80 oct. Poles N.
(P) TRI-CITY (Saginaw)	10 NW;RR SW	660	57h	"SERV & L6 LGTS FOR PCA ONLY
Twin City-Ross (Benton Harbor)	1.5 NNE;RR S	640	38h S6	73,80 oct.
White Cloud (NC)	0.5 N	872	18	Twr SE; poles E, W.

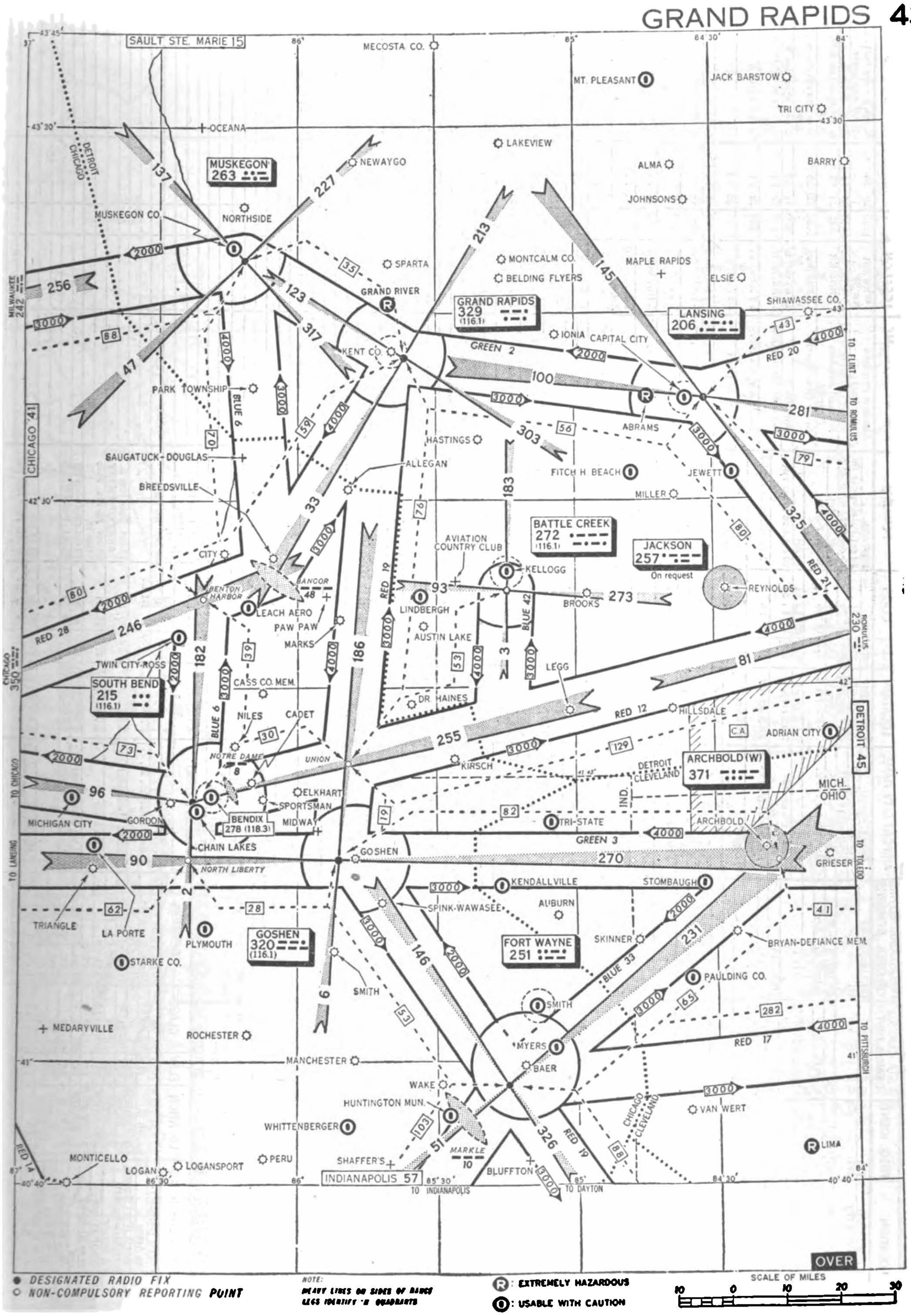
OHIO

★ Archbold Int, 18, CG-LG	3.5 NNW;RR N	716	28 L3	
Bryan-Defiance Memorial (Defiance)	5.2 NW;riv E	705	31 S2	73,80 oct. Pole line S,E.
Grieser (Wauseon)	2.5 E;RR N	750	24 S1	80 oct.
Lima	4 WNW;RR N	830	42 S6	80,91 oct. Pole line N.
Paulding County (Paulding)	2.5 NE;RR W	720	26 S2	80 oct. Poles S. Data unver.
Skinner (Hicksville)	1.6 NNW;RR S	810	26 S1	73 oct. Obsts sur fld.
Stombaugh (Bryan)	0.5 S		24 S4	80 oct. No sto. Fence E;wire W. Data unver.
Van Wert	1 WSW;hwy S	785	26 S6	80,91 oct. Poles N,S,NW,NE.

NEW AIRPORTS

Shaffer's (La Fontaine,Ind.)	5 NE;hwys N,W		19 S4	80 oct. Data unver.
Kendallville, (Ind.)	2.2 N;hwy W		25 S4	80 oct, No sto. P-line S,SW.
Spink-Wawasee (Syracuse,Ind.)	3.4 E	880	15 S1	80 oct. P-lines N,NE,S,SW.
Maple Rapids, (Mich.)	Adj E	750	26 S2	80 oct Data unver.
Paw Paw, (Mich.)	2 N;riv E		26 S3	80 oct Data unver.
Huntington Mun. (Ind.)	2.5 SSE;riv S	825	22 S4	73 oct. P-line W,NW.
Logan (Logansport,Ind.)	7 S	594	15 S1	80 oct. P-line S.
Smith (Warsaw, Ind.)	4 N	790	27 S2	80 oct. P-line NE,SSW.
Grand River Arpk (Comstock Park,Mich.)	0.4 SW;riv E	614	30 S2	Fuel. P-lines S,N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA


SAULT STE. MARIE 15
MECOSTA CO.
MT. PLEASANT
JACK BARSTOW
TRI CITY
OCEANA
LAKEVIEW
NEWAYGO
MUSKEGON 263
ALMA
BARRY
JOHNSONS
MUSKEGON CO.
NORTHSIDE
MONTCALM CO.
BELDING FLYERS
MAPLE RAPIDS
ELSIE
SPARTA
GRAND RIVER
GRAND RAPIDS 329 (116.1)
LANSING 206
SHIAWASSEE CO.
IONIA
CAPITAL CITY
KENT CO.
GREEN 2
RED 20
TO FLINT
TO ROMULUS
PARK TOWNSHIP
BLUE 6
ABRAMS
HASTINGS
SAUGATUCK-DOUGLAS
ALLEGAN
FITCH H. BEACH
JEWETT
BREEDSVILLE
MILLER
BATTLE CREEK 272 (116.1)
JACKSON 257 On request
AVIATION COUNTRY CLUB
KELLOGG
CITY
BENTON HARBOR
BANGOR
LEACH AERO
PAW PAW
MARKS
LINDBERGH
AUSTIN LAKE
BROOKS
REYNOLDS
RED 28
RED 19
BLUE 42
TWIN CITY-ROSS
SOUTH BEND 215 (116.1)
CASS CO. MEM.
DR. HAINES
LEGG
NILES
CADET
NOTRE DAME
UNION
HILLSDALE
RED 12
ADRIAN CITY
KIRSCH
DETROIT CLEVELAND
ARCHBOLD (W) 371
MICH. OHIO
ELKHART
SPORTSMAN
MIDWAY
MICHIGAN CITY
GORDON
BENDIX 278 (118.3)
CHAIN LAKES
TRI-STATE
ARCHBOLD
GREEN 3
GOSHEN
NORTH LIBERTY
KENDALLVILLE
STOMBAUGH
GRIESER
TRIANGLE
LA PORTE
PLYMOUTH
GOSHEN 320 (116.1)
SPINK-WAWASEE
AUBURN
FORT WAYNE 251
SKINNER
BRYAN-DEFIANCE MEM.
STARKE CO.
SMITH
PAULDING CO.
MEDARYVILLE
ROCHESTER
MANCHESTER
MYERS
BAER
RED 17
WAKE
HUNTINGTON MUN.
VAN WERT
WHITTENBERGER
CHICAGO CLEVELAND
LIMA
MONTICELLO
LOGAN
LOGANSPORT
PERU
SHAFFER'S
MARKLE
BLUFFTON
INDIANAPOLIS 57
TO INDIANAPOLIS
TO DAYTON
RED 14
RED 21
RED 33
RED 42
RED 19
BLUE 33
BLUE 6
CHICAGO 41
CHICAGO 350
ROMULUS 230
DETROIT 45
TO CHICAGO
TO LANSING
TO TOLEDO
TO PITTSBURGH
DETROIT
CHICAGO
MILWAUKEE 242
IND.
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF BANDS
LEGS IDENTIFY 'R' QUADRANTS
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
→ BISHOP (Flint)	278	C	(4);118,3.122.5
DETROIT CITY (Detroit)	278	C	(4)
DETROIT NAS	269(142.74)	CN	(3):142.74 (8-17)
DETROIT	201 (D)	K; 329°, 2.2	Detroit City Arpt.
→ FLINT	335(FN)(116.1)	MHTV	(3);116.1
ROMULUS (AAF)	230(DT)(116.1)	SBRAZ-DTV;86°, 2.8	(3); 116 1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ;119°,2.0	(3); 126.18
Selfridge Field	396 (126.18) +	CA(ILS-W)	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
→ YPSILANTI (Willow Run)			DECOMMISSIONED
→ Willow Run Arpt.	332 (118.7)	C(ILS-W)	(4); 118.7

OHIO

AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272(118.9)	C; 45°, 0.4	(4);122.5,118.9
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 201°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(3); 116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
→ FINDLAY	209 (JF)	BHMT	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
→ HOMERVILLE FM			DECOMMISSIONED
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. . - - -)	FM; 280°, 26	Cleveland

CANADA

WINDSOR, ONT.	353(QG)	SBRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM- (0.23)	MM- ····· (0.83)	OM- -- (4.31)
					MMK-	OMK-
→ WILLOW RUN			45°	IM-	MM-	OM-
					MMK 341 — (0.65)	OMK 359 — — 5.85
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice; W Without Voice, Z-VHF Range Station Location Marker; (3)-3165, 4495, 6210 kcs; (4)-3165, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	28 S6	80 oct. Trees S,SW,SE.
Ann Arbor	4 S;RR E	835	28 L2 S6	80 oct. Trees NE.
Baker's (Port Huron)	3 NNW;RR NNE	585	27 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	25 S1	73,80 oct.Pole line N.
Big Beaver	0.8 E;hwy W	650	21 S4	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct.
Burns (Detroit)	8.5 WSW;RR N	625	15 S6	73 oct.
Caro	3 WSW;RR SE	741	22 S2	80 oct. S,SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line NNE.
Croswell City	1 W;RR,riv E	732	26 S1	80 oct. S blocked.
Dalton (Flushing)	2 ESE;riv W		26 S4	80 oct. Data unver.
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. ARPT OF ENTRY.
DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	73,80,91 oct.Rdo rcvr rqrd,Tank W side.
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct.Poleline sur fld.
Gridley(Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct.Pole E;woods N.
Hance (Wyandotte)	2.5 W;hwy W	590	33 S6	73 oct. No sto.
Hartsell Air Term. (Wayne)	3 5 NW;RR E	675	18 S6	80 oct. No sto.
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct.Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	73,80 oct.Obsts sur fld
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct.Poles NW; bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct.Poles N,W.
Milan	3.8 SW;RR SE	705	23 S2	80 oct.Poleline N
Monroe (Newport)	3.5 SSE;hwy SE	590	29 S4	73 oct. No sto.
Nan-Bar (Flat Rock)	0.7 ENE;RR N	590	28 S6	80 oct.Smudge pots prior req.Data unver.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	635	30 S4	73 oct.No sto.Poles NE,NW
(N) Newport OLF (N)	3 W	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct. Poles S
(NG) Romulus	3 E;RR N	630	61h R1	ARPT OF ENTRY.
Roseville	0.5 S;hwy W	610	29 S6	73,80 oct.Poles S,SW.
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct.Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct.Poles NE,SE,SW,NW Lgts on req.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. N,NE blocked.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct.JP-1.Poles E. FOREIGN CLEAR STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	660	25h S1	80 oct. Hi-lines N,NE.
Tecumseh	1.8 NNE;RR W	815	26 S6	73 oct. Pole line S.
Thomas B. Joy (Detroit)	13 NE;hwy E	616	24 S6	73,80 oct.No sto Trees SW.
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct.30' poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct.Pole line N.
Washtenaw (Ann Arbor)	5 W		26 S2	80 oct.Hi-line S.Data unver.
West's (Clio)	4 SW;rd E	690	21 S2	80 oct.
(P) Willow Run (Ypsilanti)	4 E;RR N; riv S	710	74h R2 L5 S1	90,100 oct.Rdo rec required.
Wings (Utica)	2 5 SW;RR E	630	26 S6	73,80 oct.Poles N. Stumps NW.No sto.

OHIO

(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct.No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80,91 oct.Poleline W
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. E blocked
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct.Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE	600	18	
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct Pole line all sides.
Gage (Mansfield)	4.5 W;RR SE	1360	13 S2	73 oct.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy S	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	73 oct. Pole line S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct.Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE	1080	30 L S6	80 oct. Pole line sur fld.
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto.Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct.Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct.No sto.Poles SSW
Norwalk	0.8 NE;RR W	700	18 S2	73 oct. Pole line W.
Norwalk Airpark(NC)	2 NNE;RR W	690	29 S2	73,80,91 oct Poles W, SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	29 S1	80 oct. Poles E.
Peninsula (Port Clinton)	3 5 E;RR S	587	36 L3	
* Perry Int,4B.CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus(Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct.Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV. ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto.Pole line N,E,SE.
Snyder (Fostoria)	1 E;reservoir SSW		32 S1	80 oct. Data unver.
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct. No sto.Poles sur fld.
Tiffin	1.5 N;RR W	750	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	621	42h R2 L5 S4	80,91,100 oct.
Wellington	Adj NW;RR W	850	20 S2	80 oct Stacks NE.Data unver.
Westfield (LeRoy)	1 2 SSE;RR E, S	1030	25 S4	80 oct.Pole line W.Rnwy data unver.
Willard	1.6 SSW;RR NE	960	22 S2	80 oct. Poles W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.

NEW AIRPORTS

Akron-Canton, (Ohio)	12 SE Akron		56h L3 S1	91 oct.Data unver.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page IV) NC-(not charted) → NEW OR REVISED DATA

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓞ : USABLE WITH CAUTION

DETROIT 45

NOTE: HEAVY LINES ON SIDES OF PLATE INDICATE U.S. BOUNDARY.

DETROIT AREA

SAULT STE. MARIE 15
JAMES CLEMENTS
SKYHAVEN
SAGINAW
CARO
SAGINAW 212
GRAND RAPIDS 43
DALTON
WEST'S
BISHOP 278
On request
FLINT 335 (116.1)
FORREST
LAPEER
SEELY'S
CROSWELL CITY
MICH. 3 D.A.
MICH. CAN.
BAKER'S
ST CLAIR CO. MUN.
ALLEN'S
CENTER
OXFORD
SELFRIDGE AAF 388
SELFRIDGE AAF 396 (126.18)
PONTIAC
HOWELL
ROMULUS 230 (116.1)
WASHTENAW
ANN ARBOR
GRIDLEY
McENNAN
SALINE
MITCHELL BAY
WINDSOR 353
WILLOW RUN 332 (118.7)
MILAN
YPSILANTI
NAS. DETROIT 269 (142.74)
NAN-BAR
TECUMSEH
MONROE
NEWPORT OLF
NATIONAL AVIATION
DETROIT CLEVELAND
MICH. OHIO
FRANKLIN
TOLEDO 263
OHIO 6 D.A.
PUT-IN-BAY
PENINSULA
BOWLING GREEN
BRICKER
SLAGER
TOLEDO 239 (116.1)
NORWALK
PARKS
SNYDER
TIFFIN
FINDLAY
WILLARD
MANSFIELD
FINDLAY 209
GAGE
PORT BUCYRUS
GALION
DAYTON 245
COLUMBUS 59
COLUMBUS 391
SANDUSKY
HINDE
VERMILION
ELYRIA
AVON LAKE
NORTH ROYALTON
MEDINA
PRICHARD
WESTFIELD
LING
AKRON 272 (118.9)
ASHLAND
WOOSTER
HAYESVILLE
HAYESVILLE 329
TO NEWARK
TO PITTSBURGH
TO WELLSBURG
AKRON 362 (116.1)
KENT STATE
MILLER
TAYLORCRAFT
AKRON-CANTON
McKINLEY
NOBLE
MARTIN
CLEVELAND
PITTSBURGH
PERRY
On request
PERRY 332 (116.1)
FOR DETAILS IN CLEVELAND AREA SEE CHART 139.
CLEVELAND 344 (116.1)
BRECKSVILLE
PARKMAN
TO YOUNGSTOWN
TO ERIE
BUFFALO 47
CLEAR CREEK 248
ERIE 371
TO UNION
TO LANSING
TO ARCHBOLD
TO FORT WAYNE
TO TROY
LANSING 206
WIXOM 20
BIG BEAVER
McKINLEY
BERZ
KRIST-PORT
WARREN
THOMAS B. JOY
ROSEVILLE
DETROIT CITY 278
DETROIT 201
METTETAL
BURNS
TRIANGLE
NATIONAL FLY. SVC.
HARTSELL AIR TERM
FORD
STINSON
ROMULUS
HANCE
SCALE OF MILES
GREEN 2
GREEN 3
RED 1
RED 12
RED 17
RED 20
RED 21
RED 27
RED 59
AMBER 6
BLUE 11
BLUE 15

OVER

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	BEAR & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANGOLA FM	(. . - - -)	230°,24	FM	Buffalo.
BUFFALO Range	260(BF)(116.1)	230°,0.9	SBRAZ-DTXV	(3); 116.1
Buffalo Tower	278 (126.18, 118.5)		AC	(4); 126.18,122 5,118.5
CHEEKTOWAGA LFM	(- - -)	230°,4.7	LFM	Buffalo
DUNKIRK MH Fac.	239 (DK)		MHW	
EAST PEMBROKE FM	(- -)	92°,17.5	FM	Buffalo
NIAGARA FALLS Tower	272 (126.18)		CI	(4);126.18,122.5 (8-20)
WOLCOTTSVILLE FM	(-)	50°, 11	FM	Buffalo
OHIO				
YOUNGSTOWN Range	212 (CT)(116.1)	185°,3.4	BMRLZ-DTV	(4); 116.1
Youngstown Tower	278		CI	(4); (630-2030)
PENNSYLVANIA				
➔ BROOKVILLE FM				DECOMMISSIONED
BROOKVILLE Range (Int.)	391 (BR)		MHW	
ERIE Range (Port Erie)	371 (ER)(116.1)	64°,2.0	SBMRAZ-DTV	(4); 116.1
MILLBROOK Range	109.1 (MC)		VARW	
NORTH SPRINGFIELD FM	(- - -)	253°,12	FM	Erie
PHILIPSBURG Range	224 (MJ)(116.1)	169°,5	SBRAZ-DTV	(4); 116.1
PHILIPSBURG Range	108.7 (MJ)		VARW	
CANADA				
CLEAR CREEK Range (Ont.)	248 (QO)		BRAZ-T	(4)
TORONTO Range (Ont.)	368 (YZ)	17°,4.0	SBRAZ-TX	3105,6210,3117.5

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + — Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

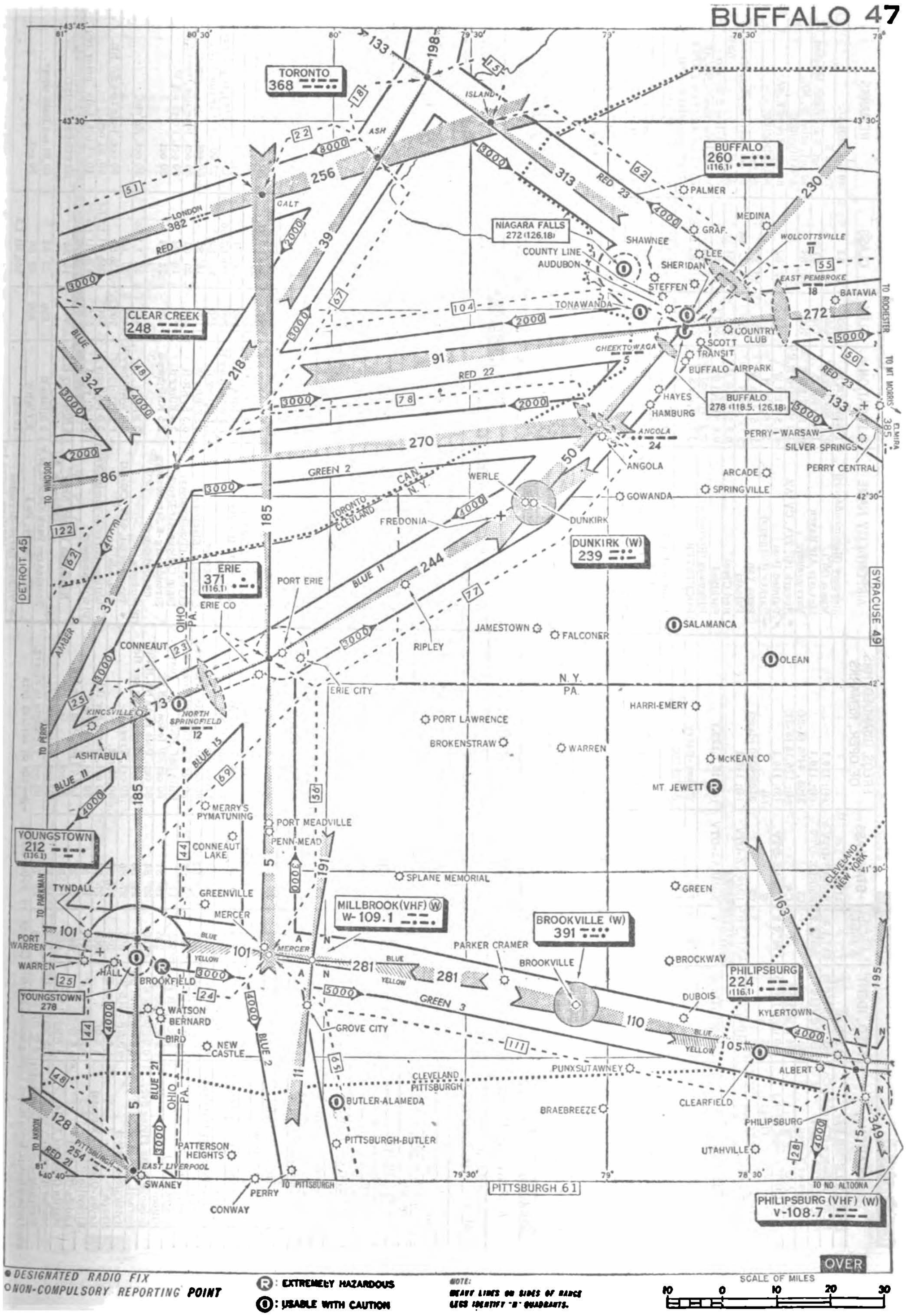
NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Angola	1.4 N;RR SE	610	15 S1	80 oct.
Arcade	2 N;RR E,W	1740	22 S4	Ltd 80 oct. No sto.
Audubon (Getzville)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia	2.4 NNE;rd W	910	30 S6	80 oct. Pole line W.Trees E.
Buffalo Arpk (Gardenville)	1.5 ENE;rd S	680	27 S6	80 oct. OF ENTRY.
(A) BUFFALO	6.1 ENE;RR NE	712	56h R2 L6 S6	80-100 oct;100 oct Army ARPT
Country Club (Clarence)	2.3 SSE;RR S	800	36 L S6	80 oct. Trees SW.Port lgts on req.
County Line (No. Tonawanda)	3.4 E;RR SW	577	21 S4	80 oct.
(P) Dunkirk	3 E;RR N,S	692	40h L5 S6	80,91 oct.
Falconer	1.3 NNE;RR S	1250	22 S4	80 oct.Obsts sur fld.
Fredonia	3.5 W;RR SE		27 S2	80 oct.Pole line N,NE,E.
Gowanda	1.4 NNW;crk W	760	22 S6	80 oct. No sto.
Graf (Lockport)	2.8 N;RR S	380	15 S6	80 oct.
Hamburg Airpark Incorporated	2 NNW;RR,hwy W	722	23 S2	80 oct. Pole line NE.
Hayes (Blasdell)	0.7 SSE;RR E,W	723	20 S4	80 oct. No sto.
Jamestown	4.1 N; hwy E	1719	27h S6	80 oct. Trees S.
Lee (Lockport)	1.8 SSE;hwy N	640	18h S2	80 oct. Pole line N.
Medina	2 W; RR S	500	21 S1	80 oct. Obsts sur fld.
(P) Niagara Falls	4 E;RR N	587	55h R1 L5 S4	80-100 oct. IP-I. No sto.
Olean	1.8 SE;RR N	1440	22 S6	80 oct. Trees W,N; hill S.
Palmer (Olcott)	1.2 SSW;RR S	315	17 S2	73 oct. Pole line E.
Perry Central	1.7 NNW;lk SSW	1400	23	P-line,trees N,E.
➔ Perry Flying Svc. (Perry) (NC)	3.3 W;RR 3 mi W	1640	21	Pole lines NNE Reported
Ripley	1.4 WNW;lake N	650	22 S4	80 oct, No sto. ABANDONED
Salamanca	1.6 W;RR N,S	1370	12 S6	80 oct.
Scott (Lancaster)	1.5 E;RR N,S	680	22 S1	80 oct.Pole line SW.Rnwy data unver.
Shawnee Flying Service (North Tonawanda)	4.5 NNE;riv SE	580	33 S6	80 oct.Pole line E,W
Sheridan (Williamsville)	2.5 NE;hwy SE	640	38 S6	80 oct. No sto.
Silver Creek (NC)	1 WSW;hwy SE	720	11	Trees E, NW.
Silver Springs	0.5 E;lake NE	1420	15 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). ➔ NEW OR REVISED DATA

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Springville	1.5 NE;RR W	1395	26 S4	80 oct.Pole line N,E. Rnwy data unver.
Steffen (East Amherst)	3.5 N	582	22 S6	80 oct.Obsts sur fld.
Tonawanda	3 SSW;RR E	610	30h S4	80 oct. Rough. Obsts sur fld.
Transit (Depew)	2 SSW;RR N	670	13 S2	80 oct. Trees, bldg E.
Werle (Dunkirk)	1.8 ENE;RR N,S	640	22 S1	80 oct. Poles,trees sur fld.
Westfield (NC)	1.5 WSW;hwy N	758	18 L1	S blocked.
OHIO				
Ashtabula	3.1 W;lake N	621	17 S2	80 oct.
Bernard (Youngstown)	3.4 E;lake NE	1140	28 S6	73,80 oct, Pole line N,S,W.
Bird (Youngstown)	2.6 NE;RR W	1000	22 S4	80,91 oct. Pole line W,N.
Brookfield	0.8 W;RR W	1130	20	Poles N,E.
Conneaut	2 ESE;hwy S	670	18 S1	80 oct.
Hall (Warren)	3.5 ENE;RR NW	900	26 S2	73,80 oct. Poles E.
➔ Holloways (Greenford)	1 ENE;RR W			ABANDONED
Port Warren (Warren)	1.5 N; RR W		24 S1	80 oct. Data unver.
Sky Harbor (Williamsfield)(NC)	1 S;hwy E	1140	26	Poles E.
Swaney (East Liverpool)	4.9 NW;crk SE	1170	22 S2	80 oct.
Tyndall (Warren)	6 NNW;RR E	940	30 L1 S4	80 oct. No sto.
Warren Airways	2.3 WNW;RR S,E	900	22 S2	73 oct. Trees S.
Watson (Youngstown)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
YOUNGSTOWN	11 N;hwy E	1178	39h R2 L5 S6	80,91 oct;100 oct on req.
PENNSYLVANIA				
Albert (Philipsburg)	5.5 NNW;rd N	1750	38 S5	80,91 oct.P-line sur fld.Rnwy
Braebreeze (Marchand)	0.3 N;RR NW	1650	18 S2	80 oct.Trees N,NE, data unver
Brockway	1.3 NE	1700	18	
Brokenstraw (Youngsville)	2.6 W;RR S	1230	17 S4	73 oct.
* Brookville Int,45A,CG-LG	2 WSW;RR E	1416	30 L3 S1	80 oct.
Butler-Alameda (Butler)	3.4 WNW	1340	24 S6	80 oct. Pole line E.
Clearfield	1.5 WSW;RR SE	1220	20 S1	80 oct. Pole line NE.
Conneaut Lake	1.7 WSW;hwy SE	1250	18 S2	80,91 oct.Pole line SE end.
Conway	0.7 N	950	24 S4	80 oct. Hill N.Rnwy data unver.
Dubois	1.7 ESE;RR NE	1575	30 S6	80 oct.
Erie City (Kearsarge)	0.5 W;hwy E	900	29 L S6	80 oct.Port rnwy lgts.P-line SE
Erie County (Erie)	11.6 SW;hwy N	805	24 S6	80 oct. Poles N,E,S.
Green (Ridgeway)	3 NW;hwy,RR E	1720	21 S2	No fuel. Trees NNW.
Greenville	2.3 W;RR E	1180	17 S2	80 oct. Pole line S.
Grove City	2.1 SSE;RR E	1275	19 S4	80 oct.
Harri-Emery (Bradford)	2.3 WSW;RR E	1490	20 S4	80 oct.
Kylertown	1 WNW	1660	40 S4	80 oct. Trees S,WNW.
(P) McKean County (Bradford)	11 S;RR SW	2140	45h	
Mercer	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
Merry's Pymatuning (Linesville)	1.5 NW;RR E	1200	21 S2	73 oct. Pole line NNE.
Mount Jewett	0.8 ESE;hwy N	2240	19 S4	80 oct.
New Castle	4 WNW;hwy SE	1080	29h S5	80 oct.
Parker Cramer (Clarion)	1 ENE;riv N	1480	28 S2	80,91 oct. Rnwy data unver.
Patterson (Beaver Falls)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville)	3 SSW;hwy E	1365	20 S2	73 oct.
Perry (Mars)	5 E;hwy E	1060	16 S6	80 oct.No sto.Pole line E.
Phillipsburg, 51A, CG-LG	7 E;hwy N	1940	30h R1 L3	
Pittsburgh-Butler (Butler)	6.7 SSW;hwy E	1235	49 L1 S6	80 oct.
PORT ERIE (Erie)	6 WSW;RR SE	735	46h R1 L6 S6	80, 91 oct.
Port Lawrence (Corry)	1.2 S;RR N	1745	23 S2	73 oct. Pwr line NW.
Port Meadville (Meadville)	3.4 W;hwy S	1400	32h L4 S6	80 oct.
Punxsutawney	3 NE;hwy S	1470	22 S2	Ltd 80 oct. Pole line ESE,S.
Splane Memorial (Oil City)	4.1 NNW;hwy E	1490	22h L S4	80,91 oct. Port rnwy lgts.
Utahville	1 N; RR S	1800	22 S4	80 oct.Ltd 91 oct.
Warren	2 WSW;RR N	1100	23h L S4	80 oct. Port rnwy lgts.
NEW AIRPORTS				
Perry-Warsaw (Perry,N.Y.)	3 WNW;hwy N		15 S2	80 oct.



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "B" QUADRANTS.

SCALE OF MILES
10 0 10 20 30

OVER

SYRACUSE

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
DANSVILLE MH Fac.	212 (DA)		MHW	
ELMIRA Range (Chemung Co.)	385 (EA)(116.1)	75°,1.8	SBRAZ-DTV	(4); 116.1
ROCHESTER Range	206 (RC)(116.1)	298°,2.2	BMRLZ-DTV	(4); 116.1
Rochester Tower	278		CI	3105, 4495 (8-24)
ROME AAF Tower	396 (126.18)+		CA	(4); 126.18 (8-22)
SYRACUSE Range (Mun.)	350 (SR)(116.1)	178°,2.2	SBRAZ-DTV	(3); 116.1
Syracuse Mun. Tower	278		C	(4)
TRI-CITIES Tower	278		CI	3105,6210 (days)
UTICA Range	359 (UA)(116.1)	151°,3.0	BMRLZ-DTV	(4); 116.1
		PENNSYLVANIA		
→ALLENTOWN Range (Allentown-Bethlehem)	320 (XA)(116.1)	192°,2.7	SBMRAZ-DTV	(4);116.1,122.1
LAKE CAREY FM	(- - - -)	360°,20.8	FM	Wilkes-Barre
SLATINGTON FM	(- - - -)	290°,12	FM	Allentown
SUNBURY MH Fac.	353 (SV)		MHW	
SUNBURY Range	108.3 (SV)		VARW	
→WILKES-BARRE Range (Wilkes-Barre-Scranton)	272 (WI)(116.1)	91°,4.0	SBMRAZ-DTV	(4); 116.1
WILLIAMSPORT Range	375(IA)(116.1)	281°,7.0	BMRLZ-DTV	(4); 116.1
	NEW RADIO FACILITIES			

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range **Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.**
Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army **A.C.S. transmits** on and guards **116.1, 137.88, 140.58 mcs.**

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Martins Creek (Belvidere)	3 SSW;riv SE	340	25 S6	80,91 oct.Pole line N.

NEW YORK

Auburn	3.7 NNW;lake E	525	24 S4	80 oct. Poles,trees sur fld.
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct. Trees N.
Bonnie Brae (Owasco) (NC)	1.7 SW;RR W	960	17	Cattle on fld.
Boonville	4.5 ESE;riv NE	1273	29 S1	80 oct. Obsts sur fld.
Brizee (Pittsford)	2 E; RR N	422	25 S4	80 oct. Pole line S, NW.
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage	1 E; RR NW	740	20 S1	80 oct.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct. Pole line E.
(P) CHEMUNG CO. (Elmira)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate University (Hamilton)	5.4 N; RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct. Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30 S6	80 oct. Wooded ridge E.
Costa's (Painted Post)	2.7 NW	960	16 S1	80 oct. Trees W, NW.
Crowner (Wellsville)	1 W; RR E	1506	22 S2	80 oct. Obsts sur fld.
(P) Dansville	1 NW; RR NE	662	40h L3 S6	80 oct. Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct. Trees S,W.
Elmira	2 SSW;RR E	890	16	Trees adj NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy N	980	14	Trees WSW.
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct.No sto.Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct.Brush WNW.Rnwy data unver.
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct. 3' fence E,S,SE.
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct. Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W.	525	27 S6	80 oct. Trees E.
Ithaca	1.3 NW;inlet E	386	25h S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct. Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct. Pole line E.
Ladd's (Mexico)	0.6 W;RR N	393	20 S1	Ltd 73 oct.Pole line NE.
Martin (Montour Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct. Pole line S.
Meacham-Genesee (Rochester)	6 S; RR N	564	22 L S6	80 oct. Floodlgts in emerg.

NEW YORK

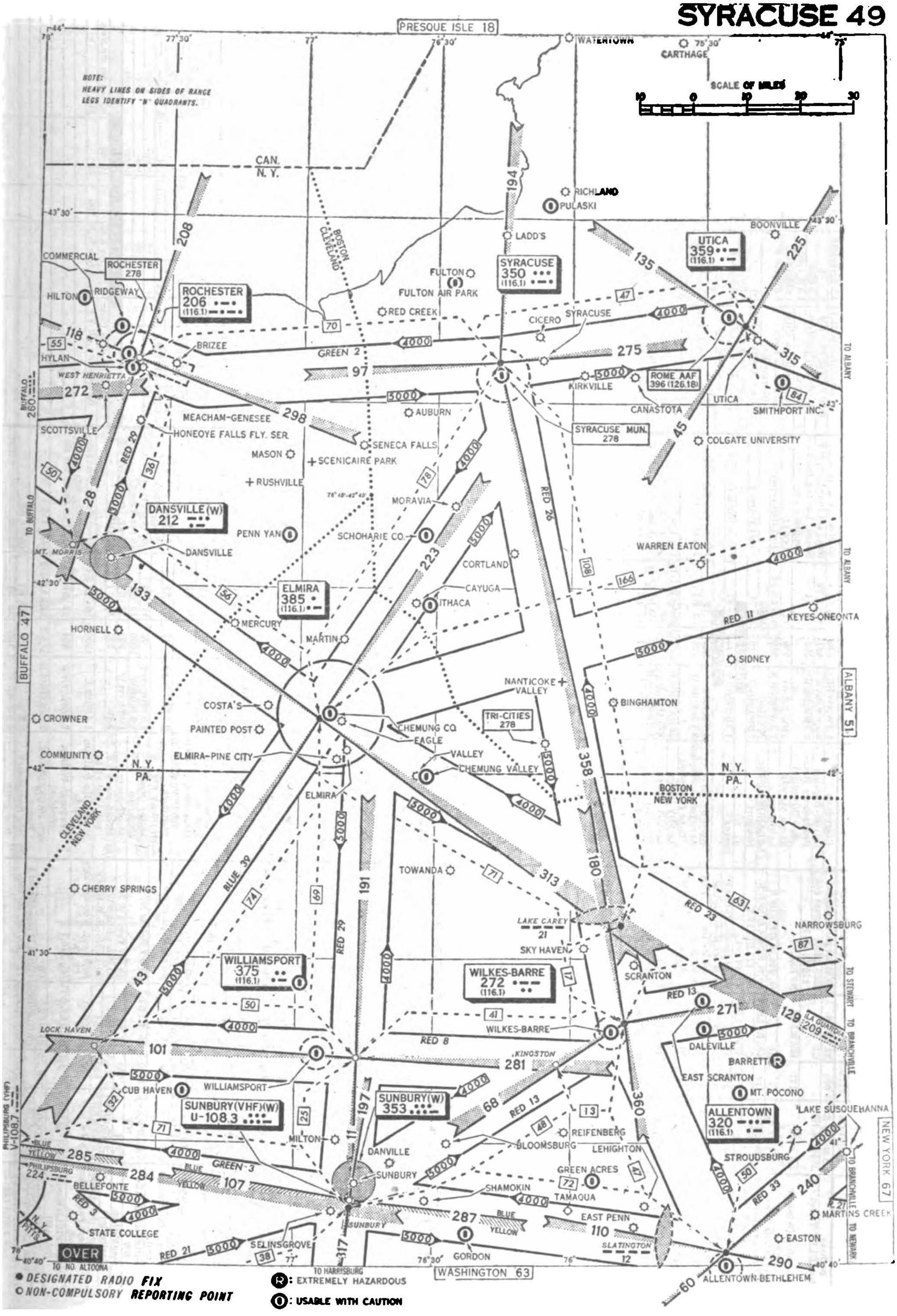
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct. Hill W.
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
Moravia Air Haven	1 NW; RR E	730	20 S1	80 oct. S approach blocked.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct. Mtns N, NE.
* Newark Int, 27A, CV-AZ	1.3 NNW;rd N,E			ABANDONED
Painted Post	4.4 SW;RR W	950	19 S2	80 oct. Trees E, W.
→Parker (Palmyra)	2.8 S; RR N			ABANDONED.
Penn Yan	1.1 S; lake W	850	20 S2	80 oct.
Pulaski	3 SE;riv N	500	18 L S4	80 oct.Port rnwy lgts.Trees WSW.
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct.
Richland	0.6 NE;RR SW	560	21 S4	80 oct.Hi-line S.No sto.
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct.Pole lines W,NW,SE.
(N) ROCHESTER	3.7SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OF ENTRY NATS(Hospital flights)
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct. JP-1.
Rushville	2.5 NNE	1120	20 S1	Data unver.
Schoharie Co.(Richmondville)	1.3 NE;RR N	1000	16 S1	80 oct. Trees E.
Scottsville	1 N; RR W	600	10	Allway area: 1000 x 1000'.
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct. Pole line S.
Smithport Inc. (Utica)	3.5 SSE	1150	20h S1	80, 91 oct. Data unver.
(P) Syracuse	3.5 NNE;hwy W	419	55h	
SYRACUSE MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct. Rdo rec rqrd.
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80 oct.Twr W;hill N;trees E
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct. Wooded ridge E.
(P) Watertown	5.9 WNW;hwy N	325	50h L1 S4	80 oct.Bcn on req. ARPT OF ENTRY.

PENNSYLVANIA

ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only. Fld lgts prior req.
Barrett (Canadensis)	1.8 N;hwy SW	1450	18 S2	No fuel. Trees E.
Bellefonte	4.3 ESE;hwy N	1045	21 L3 S6	80 oct.
Bloomsburg	0.8 ESE;riv S	478	32 L3 S6	80,91 oct.Pole lines SW,E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	24 L S4	80 oct.Lgts prior req.
Cherry Springs (Corbett)	2.4 W	2265	18 S1	Ltd 80 oct Trees W,SE,NW.
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S1	80 oct. Pwr line E.
Daleville	0.6 N;hwy W	1775	19 S4	80 oct. Hill S.
Danville	2.2 SW;RR N	480	22 S3	80 oct. Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct. Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct
East Scranton (Scranton)	7.3 ESE;lake E	1660	23	Trees S, N.
Gordon	1.8 W; RR E	960	18 S2	80 oct. Hill S.
Green Acres (Hazleton)	4 SE	1260	20 S4	80, 91 oct.
Lehighton	0.9 WSW;hwy NW	502	18 S5	80 oct. Trees WSW.
Mid Valley (Olyphant) (NC)	3 N; rd NE	1385	20	
Milton	0.8 S;RR W	450	24 S6	80 oct. Pole line SW.
Mt. Pocono, 21, BI-LG	1.5 NW;hwy NE	1925	26h L3 S1	80 oct. Pole line NE.
Mt. View (Nicholson) (NC)	4.8 ENE;crk NW	1280	21	50' trees S.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
Scranton	7.2 WNW;hwy N	1150	24h L3 S6	73-91 oct.Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S; RR N	639	20 S1	80 oct. Pole line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	19 S4	80 oct. Poles adj W.
Stroudsburg-E.Stroudsburg (Stroudsburg)	2.5 NNE;hwy S	426	22 S4	80 oct
(P) Sunbury	2 NNE	443	37 L1 S6	80 oct. No sto.
* Tamaqua Int, 61B, CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S1	80 oct. Pole line SW,NE.
Wilkes-Barre-Wyoming Val'y	3.5 NNE;riv S	546	35h R1 L3 S4	80, 91 oct.
(P) Williamsport	5.1 E; riv S	526	43h R1 L5 S6	80,91 oct. Lgts prior req.
	NEW AIRPORTS			
Nanticoke Valley Arpk (Maine,N.Y.)	4 NNE;hwy E	975	18 S2	80 oct.Data unver.
ScenicAire Park (Geneva,N.Y.)	2 S;lake E	550	27 S2	80,91 oct.Data unver.
Valley (Sayre, Pa.)	2.7 WNW	800	29 S6	80 oct.
→Wilkes-Barre-Scranton (Wilkes-Barre,Pa)	10 NE;		52h R1 L3	

n-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). →NEW OR REVISED DATA

SYRACUSE 49


PRESQUE ISLE 18
WATERTOWN
CARTHAGE
SCALE OF MILES
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
CAN.
N. Y.
RICHLAND
PULASKI
LADD'S
BOONVILLE
UTICA
359
(116.1)
SYRACUSE
350
(116.1)
ROCHESTER
278
ROCHESTER
206
(116.1)
COMMERCIAL
HILTON
RIDGEWAY
FULTON
FULTON AIR PARK
RED CREEK
CICERO
SYRACUSE
BRIZEE
GREEN 2
HYLAN
WEST HENRIETTA
ROME AAF
396 (126.18)
KIRKVILLE
UTICA
CANASTOTA
SMITHPORT INC.
SCOTTSVILLE
MEACHAM-GENESEE
HONEOYE FALLS FLY. SER
AUBURN
SENECA FALLS
SYRACUSE MUN.
278
COLGATE UNIVERSITY
MASON
SCENICAIRE PARK
RUSHVILLE
MORAVIA
DANSVILLE (W)
212
PENN YAN
SCHOHARIE CO.
DANSVILLE
MT. MORRIS
WARREN EATON
CORTLAND
CAYUGA
ITHACA
ELMIRA
385
(116.1)
MERCURY
MARTIN
HORNELL
KEYES-ONEONTA
SIDNEY
NANTICOKE VALLEY
BINGHAMTON
COSTA'S
CROWNER
PAINTED POST
CHEMUNG CO
EAGLE
TRI-CITIES
278
VALLEY
CHEMUNG VALLEY
COMMUNITY
ELMIRA-PINE CITY
ELMIRA
N. Y.
PA.
BOSTON
NEW YORK
CLEVELAND
NEW YORK
CHERRY SPRINGS
TOWANDA
LAKE CAREY
21
SKY HAVEN
NARROWSBURG
WILLIAMSPORT
375
(116.1)
WILKES-BARRE
272
(116.1)
SCRANTON
LOCK HAVEN
WILKES-BARRE
KINGSTON
DALEVILLE
BARRETT
EAST SCRANTON
MT. POCONO
CUB HAVEN
WILLIAMSPORT
SUNBURY (VHF)(W)
U-108.3
SUNBURY(W)
353
ALLENTOWN
320
(116.1)
LAKE SUSQUEHANNA
MILTON
DANVILLE
SUNBURY
REIFENBERG
BLOOMSBURG
LEHIGHTON
GREEN ACRES
SHAMOKIN
TAMAQUA
STROUDSBURG
PHILIPSBURG
224
BELLEFONTE
STATE COLLEGE
SUNBURY
EAST PENN
110
MARTINS CREEK
SELINSGROVE
GORDON
SLATINGTON
12
EASTON
ALLENTOWN-BETHLEHEM
TO NO. ALTOONA
TO HARRISBURG
WASHINGTON 63
TO BUFFALO
TO ALBANY
TO STEWART
TO BRANCHVILLE
TO NEWARK
NEW YORK 67
ALBANY 51
BUFFALO 47
PHILIPSBURG (VHF)
V-108.7
LA GUARDIA
209
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION

CONNECTICUT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Bethany	1.3 N;hwy E	680	21 L2 S6	80,91 oct.No bcn.Lgts
BRADLEY Tower	284 (126.18)		CI	3105,4495; prior req. 126.18 (6-22)
(NG) Bradley (Windsor Locks)	2.8 WNW; RR,riv E	171	50h R1 S6	No fuel.
→BRAINARD Tower	278 (118.5)		AC	(4);126.18,122.5,118.5
[Brainard] (Hartford)	2.8 SE;RR W	18	48h R2 L5 S6	80,91,100 oct.Dike E,N.
BRIDGEPORT Tower	269 (118.7)		C	(4); 122.5, 118.7
(P) [Bridgeport]	3.5 ESE	9	48h R1 L5 S4	80, 91 oct.
Brookfield	0.5 S;hwy W	280	10 S6	80 oct.No sto.Hi-line E
Canaan	1 N;RR W	680	24 S6	80,91 oct.No sto.P-line
Danbury	2.5 SW;RR N	454	44h S6	80 oct.P-line SW. WSW,SSE.
Doane (Essex)	1.2 SW;RR E,N	30	21 S6	80,91 oct.Trees N,NW
Groton Trumbull	2.8 SE;RR W	10	50h	(Groton)
Hammonasset (Madison)	2 E;hwy N	15	14 S2	80 oct.Trees W.Use NE/SW strip only.
HARTFORD Range (Brainard)	329(HT) (116.1)	323°,2.3	SBMRAZ-DTV	(3) ; 116.1
Kinsley (Somers)	2.5 NNW;RR W	200	19	
Lufbery(Wallingford)	0.5 WSW;RR E	80	22 S6	80 oct.No sto.Stacks N,S
MERIDEN FM	(- - -)	244°, 17.6	FM	Hartford
MERIDEN Tower	278		CI	3105,4495 (days)
Meriden	2.7 SW;RR E	102	35 R1 L3S6	80 oct.Hi-line W,S.
Milford	1.5 SSW;RR NW	10	20 S1	80 oct.
Monroe	0.7 SSE;rd E	620	20 S6	80 oct. Rd W.
[New Haven]	3.5 SSE;riv W	4	42h S6	80,91 oct;ltd 100 oct.P-(3);126.18 line NW.
RENTSCHLER Tower	254 (126.18)		CI	
Rentschler(E.Hart'd	1 S;riv W	45	58h R1 L5 S6	80,91,100 oct.
Salem	2.1 E;lk NNE	400	21 S6	80 oct.
Southington	3.5 NNE;RR W	200	21 S4	80 oct.
Stephenson (Bristol)	1.5 ESE;RR N	240	18 S6	80,91 oct.
Tier Airstrip(Cheshire)	0.8 NNE;hwy W	200	14	W blckd.Use in emerg.
Waterbury	2.6 S;RR E,W	843	20 S6	80 oct. (Plymouth)
Waterford	1.7 N;RR SSE	60	20 S6	80 oct.Trees,hill S.
Watertown	2.2 S;lk N	660	19 L S4	80 oct.Port rnwy lgts on prior req.
West Haven	2.7 SW;hwy E	15	18 S4	80 oct.No sto.P-line E, W blocked.
Windham	3.5 NNW;hwy S	238	44h S1	80 oct.Trees NE,ENE.

MASSACHUSETTS

Adams	1.3 SSE;RR W	1400	18 S1	80 oct.
Agawam Land & Seaplane Base	0.5 S;riv E	50	16 S6	80 oct.P-line SE
[Barnes] (Westfield)	3 NNE;RR W	268	50h R1 L5 S6	80,91 oct.
Bowles (Agawam)	2.4 WSW;trk E	190	40 S4	80 oct.P-line S,SSE,NW,
Brookfield's	1 W;RR SW	680	20 S6	80 oct.P-line SW. W.
East Brookfield	0.5 W	650	15 S3	80 oct. Data unver.
Fair View Farm (Williamstown)	4 SW;riv E	954	23 S1	80 oct.P-line ENE.Hill NNE. Lgt acft only.
Gardner	2 SW;hwy N	1020	18 S4	80 oct.
Great Barrington	2 WSW;riv N	726	28 S6	80,91 oct.Obst sur fld.
Hiller (Barre Plains)	2 SW;riv W	589	25 S1	80 oct.
La Fleur (Northampton)	1.2 ENE;riv SW,N	120	26 S4	80 oct No sto.
Metropolitan(Palmer)	5 N;riv W	400	19 S6	80 oct. Hill N.
(P) Orange	1.5 SE;hwy SE	555	50h S1	80 oct. Poles NE.
Pilgrim(Northampton)	9 N	120	16 S3	No sto. Data unver.
Pittsfield,3B,AZ-BW	2.4 WSW;hwy NW	1140	27 L3 S1	80 oct.P-line N.
Southbridge	1.7 N	700	27 S1	80 oct.Trees W,N
Springfield	2.3 NE;RR S	205	26 S6	80,91 oct.Bldgs W.
Stevens (N.Adams)	2.8 WSW;RR N	690	20 S4	80 oct.No sto.P-line E.
Turners Falls (Montague)	4.2 N	350	33 S6	80,91 oct. Wooded ridge SE,SW.
WESTFIELD Range (Barnes)	230(WJ) (116.1)	27°,1.7	BMRLZ-DTV	(4); 116.1
WESTOVER Army Rng	272 (DOJ)	239°,2.7	BMRAZ	(3)
WESTOVER Tower	396(126.18)+		CA(ILS)(GCA)	(3);126.18 (Appch cont.)
(A) Westover (Chicopee Falls) (A)	3.8 NNE;riv W	244	70h R3(L6)S6	73,91,100 oct. No sto.
West Springfield	1.5 N;riv E	65	19 S4	Data unver.

NEW HAMPSHIRE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
Claremont	1.3 W;riv NE	520	28h S2	80,91 oct. req. (Keene)
Dillant-Hopkins	2 S;riv,RR W	481	40h L S6	80,91 oct.Port lgts prior
Brattleboro-Hinsdale (Hinsdale)	2.7 NW;RR W	360	18 S4	80 oct. Landing flares on prior req.
Keene Airpark	3 NW;RR W	500	21	CLOSED
Lebanon	3.3 WSW;RR N	579	40h L5 S4	80 oct.Rdo repairs.
LEBANON MH Fac.	209 (LP)		MHW	
Newport	2 NNW;RR W	780	20 S4	80 oct.P-line E.

NEW JERSEY

Sussex	1.2 WSW;RR S	420	25 S1	80 oct 200' knoll NNE.

NEW YORK

Accord (NC)	0.7 N;RR S	260	19	PRIV.Trees S,NE,SW.
Aero Lake & Seaplane Base (Kingston)	3.7 SSE;RR W	220	23 S4	80 oct. Trees S.
ALBANY Range	365(AZ) (116.1)	196°,3.1	SBRAZ-DTV	(3); 116.1
→ALBANY Tower	278 (118.3)		AC	(4) 116.1,118.3,122.5
(P) [Albany]	6.9 NNW;riv N	283	35h R2 L5 S6	80,91,100 oct.ARPT OF
Amsterdam	6 N;rd NW	887	18 S6	80 oct,ltd 91 ENTRY. oct.Use strips only.
Arlington(Poughkeepsie)	1.5 E;RR E	280	18 S2	80 oct. P-line NE,trees SW.
AURIESVILLE FM	(- - - -)	302°, 27.2	FM	Albany.
(P) Ballston Spa	3 N;RR E	433	40h L5 S6	80,91 oct.Fld lgts prior
Briggs (Carlisle)	0.6 SE;RR W	1320	12	req.
Catskill Valley (Catskill)	1.5 SW	100	26 S3	80 oct.Data unver.
Christie (New City)	1.5 N;RR E	150	16 S4	80 oct. P-line SW.
COLONIE LFM	(- - -)	206°,5.7	LFM	Albany
Cooperstown	1.4 NNW;RR SE	1660	16 L S4	80 oct.Pole S.Port lgts.
Cozine (Rhinebeck)	0.5 SE;RR W	200	20 S1	87 oct. Pole-line W.
Cliff Haven(Accord)	11 W;RR S	260	16 S1	80 oct.
Croton Arpk.	4.8 SW;riv SW	280	13	Hill SW. (Peekskill)
East Greenbush	0.8 NW;RR W	260	38 L S6	80 oct.Port rnwy lgts.P-
East Hampton	2.5 W;RR S	40	25 S4	80 oct.No sto. line N.
(A) Elizabeth (Fisher's Island) (A)	W end Island	7	29h L4	No bcn.
Farly's (New Baltimore)	3 S;RR W	10	20 S1	80 oct. Trees N.
★ Ft.Plain Int,40A,CV-AZ	3 NNW;RR NE	680	35 L3	
Freedom Plains	2 W;rds N,E	340	11 S1	80 oct.Pwr line S.(Bill-
Fulco(Johnstown)	1 SE;hwy S	840	22 S4	80 oct.No sto lings)
GLENS FALLS MH fac	206 (GB)		MHW	Data unver.
Glens Falls,18,LG-UL	2.6 NW;rd S	474	36h S6	80 oct.
Glove City	1.5 NE;RR S	860	17 S1	80 oct. (Gloversville)
Halcott(Halcott City)	1 N		10 S1	80 oct. Data unver.
Hayduk (Herkimer)	0.6 SSW;RR N	400	12 S4	Ltd 80 oct.P-line E.
Huguenot(Port Jervis)	3.3 NE;RR SE	480	21 S6	80 oct.Trees SW.
Intercity (Schenect'y)	3.6 SSE;RR NE	340	20 S4	80 oct.
Kingston	1.5 NW;RR S	150	17 S4	80 oct.P-line NW.
(P) Kingston-Ulster	2.7 N;RR E	160	30 S4	80 oct.No sto.P-line E.
Lime Ridge(Beekman)	1.3 SE;RR S	420	16 L2 S6	80 oct.All lgts prior req.
Livingston Manor	0.5 SE;RR W		21h S4	80 oct.;91 oct.req.Data
Long Meadow (Rexford)	1.5 NE;RR N,S W	380	17 S1	80 oct.Poles unver. NNE.
Mahopac	1.5 WNW;lk E		20 S4	80 oct.No sto.Data unver.
Margaretville-Fleischmanns(Marg'v)	0.2 S;riv W		21 S4	80,91 oct.No sto.P-line NE. Data unver.
Mattituck	0.8 ESE;bay S	12	25 S6	80,91 oct. Poles N.
→MEDWAY FM				DECOMMISSIONED
Miller (Nyack)	1.8 WNW;riv E	70	17 S6	80 oct.No sto.P-line SW.
Millerton	1.5 N;RR W	1000	13 S1	80 oct.Trees N
Montgomery	1 WSW;riv W	393	22 S6	80 oct.Trees N,brush E.
(A) Montgomery U.S. Mil.Acad.#1 (A)	2 SW	355	35h	CLOSED.
Monticello-Sullivan County	1.4 S;RR E	1500	30 L S4	80 oct.No sto.Port rnwy lgts.Rnwy data unver.
Newburgh-Walden (Walden)	2.2 SSW;riv W	404	32 S6	80,91 oct.Obsts sur fld
NEW HACKENSACK Range	236(NX) (116.1)	5°,5.3	SBRAZ-DTV	(4) ; 116.1
(P) New Hackensack	0.5 W	156	35h R1	Obsts NE.
New Paltz	0.8 W;RR E	190	20 S1	80 oct. NNE
Piseco	0.5 N;hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush
Plateau(Northville)	2.5 E;riv ESE	1040	24 S6	80,91 oct.Trees S.
PORTCHESTER FM	(. . -)	42°,16.5	FM	La Guardia
Randall's(Middlet'n)	1.8 ESE	520	20 S2	80 oct. RR NW.
Ravena	1.2 N;riv 2 E	180	14 S2	80 oct. Lgt acft only.
Rockland(New City)	1 SSE;RR E	240	14	Trees W;Hwy E. (NC)
Sacandaga Park (Northville)	1 SW;RR W	770	13 S1	80 oct.P-line WSW.
SARATOGA SPGS FM	(-)	28°,24	FM	Albany
(P) Schenectady Co.	3 N;RR SE	362	50h L5 S6	80,91,100 oct.
Schuylerville,Land & Seaplane Base	2.5 S;riv E	100	29	Trees N,S.
Selkirk	2.7 E;riv E	160	22	Trees N.
Sky Haven(Delanson)	0.9 NW;RR SE	1100	14 S2	80 oct.ESE,W blocked.
Somers	0.6 SE;RR E,S	563	20 S4	80 oct. No sto.
Spring Valley	0.3 E		19 S2	Fuel. Data unver.
Stanton's Newburgh Cub Port (Newb'g)	5.3 NW;RR S	520	12 S2	80 oct. Trees S.
Starhaven(Middletown)	1.3 NW;RR SW, N	750	29	Trees SW, SE, NW.
Steenburgh Avia. Svc.(Gloversville)	1.5 ENE;RR N	900	8 S1	80 oct.
STEWART Army Rng	335(DMU)		MRLW	
STEWART Tower	396 (126.18)	125°,2.4	CA	(3); 126.18 (7-23)
(A) Stewart(Newburgh)	4 W;hwy N	474	61h R1 L5 S6	100 oct. JP-1. (A)
Stone Arabia	3.6 ENE;hwy E	880	18	P-line NNW.(Ft.Plain)
Stormville	1 ENE;RR S	350	23 S4	80 oct.No sto.Trees NE
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
★ Ticonderoga Int,22	2.7 NNE;rd E	210	32 L3	Obsts sur fld.(LG-UL)
Troy	2 SSE,riv W	327	30 L4 S6	73,91 oct.Trees NW.
Valley Air Park	1.5 NNW	635	20 S4	Data unver.(Middleb'g)
Vaughan(Johnstown)	1 E;hwy W	760	18 S1	Ltd 80 oct.Trees W.
(A) Wallkill,U.S. Mil.Acad.#2 (A)	3 NW;riv E	340	35h	CLOSED
Wappingers Falls	0.9 SE;rd S	152	21 S4	80 oct.P-line E,W,S.
[Warren Co.](Glens Falls)	2.4 NNE;rd N	325	40h L5 S1	80 oct.Lgts prior req.
Warwick-Wickham	4.5 NE;RR W	540	24 S4	80 oct.Ridge N.
WESTCHESTER CO. Tower	260		C	(4)
(P) Westchester Co. (White Plains)	4 NE;lake W	435	50h R1 L5 S6	80,91 oct.days.;100 oct.
White(Bedford)(NC)	3.6 SE;hwy E	475	12	
Wingdale	1.5 NE,RR W	400	25 S4	80 oct.No sto.ROUGH.
Wurtsboro	2 NE;RR E,SE	560	31 S6	80 oct.Obsts sur fld.

PENNSYLVANIA

Matamoras	0.5 SSE;riv SE	450	18h L4 S6	80 oct.No bcn.Lgts prior req.

VERMONT

Bennington	2.5 WNW	830	13 S1	80 oct.470' hill WNW.
Equinox(Manchester)	1 E;riv E,N	700	18 S6	80 oct.P-line,mtn E.
Fair Haven	1.5 N	370	20 S2	80 oct.Hills sur fld.
Hartness(Springfield)	3.8 NNW;riv E	570	20 S6	80 oct.
Rutland	5.8 SSE;hwy W	784	40h L3 S4	80 oct.No sto.All lgts
Twin State (White River Junction)	1 SW; riv, RR E	540	19h S6	80 oct. prior req. Hill NW.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WESTOVER (A) (L6)	109.9	333.8	239°	IM- (0.49)	MM- ••••• (0.79)	OM- — (3.38)
					MMK-	OMK-
WESTOVER (A) (L6)	109.5	332.6	59°	IM- (0.02)	MM- ••••• (0.72)	OM- — (4.42)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Island (Shelton,Conn.)	0.3 E;riv E,W		19 S4	80 oct.No sto.Data unver.
Duanesburg, (N.Y.)	0.3 S;hwy W,N	700	22	Sto.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice

✦ Army A.C.S. transmits on and guards 116.1, 127.80, 140.50 mcs * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities L-lighting facilities. S-servicing (see page iv)

→← NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop .

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS

Ⓞ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

PRESQUE ISLE 18
TICONDEROGA
GLENS FALLS(W) 206
FAIR HAVEN
LEBANON(W) 209
TWIN STATE
RUTLAND
PISECO
PLATEAU
SACANDAGA PARK
GLENS FALLS
WARREN CO.
LEBANON
NEWPORT
HARTNESS
CLAREMONT
STEENBURGH
GLOVE CITY
AMSTERDAM
BALLSTON SPA
SARATOGA SPRINGS
EQUINOX
VAUGHAN
LONG MEADOW
SCHUYLERVILLE
HAYDUK
FULCO
SCHENECTADY CO.
FORT PLAIN
KEENE
ALBANY 365 (116.1)
BENNINGTON
DILLANT-HOPKINS
STONE-ARABIA
LAURIESVILLE
STEVENS
BRATTLEBORO-HINSDALE
SKY HAVEN
BRIGGS
COOPERSTOWN
INTERCITY
COLONIE
TROY
VT. N. H. MASS.
GARDNER
ALBANY 278 KC. 118.3 MC
FAIR VIEW FARM
ADAMS
TURNERS FALLS
ORANGE
DUANESBURG
VALLEY AIRPK.
EAST GREENBUSH
SELKIRK
RAVENA
WESTOVER AAF 272
PITTSFIELD
FARLY'S
PILGRIM
LaFLEUR
HILLER
WESTOVER AAF 396 (126.18)
E. BROOKFIELD
METROPOLITAN
BROOKFIELD
SOUTHBRIDGE
HALCOTT
MARGARETVILLE — FLEISCHMANNS
CATSKILL VALLEY
GREAT BARRINGTON
BARNES
WESTFIELD 230 (116.1)
SPRINGFIELD
W. SPRINGFIELD
KINGSTON-ULSTER
COZINE
CONN.
CANAAN
MILLERTON
BRADLEY 284 KC. 126.18 MC
BOWLES
KINSLEY
AGAWAM
WOODSTOCK
WALLKILL NO. 2
KINGSTON
LIVINGSTON MANOR
CLIFF HAVEN
AERO LAKE
ARLINGTON
NEW HACKENSACK
SOUTHINGTON
SIMSBURY
WEATOGUE
RENTSCHLER 254 (126.18)
NEWBURGH-WALDEN
NEW PALTZ
FREEDOM PLAINS
STEPHENSON
STEWART AAF (W) 335
WAPPINGERS FALLS
WINGDALE
LIME RIDGE
WATERBURY
HARTFORD 329 (116.1)
WINDHAM
MONTICELLO
MONTGOMERY
WURTSBORO
STANTON'S
STORMVILLE
WATERTOWN
MERIDEN 18
BRAINARD 278 KC. 118.5 MC
SALEM
MONTGOMERY NO. 1
NEW HACKENSACK 236 (116.1)
BETHANY
BROOKFIELD
LUFBERY
MERIDEN 278
STARHAVEN
HUGUENOT
RANDALL'S
MATAMORAS
DANBURY
MAHOPAC
MONROE
AMBER TIER
ISLAND
DOANE
HAMMONASSET
WATERFORD
GROTON TRUMBULL
STEWART AAF 396 (126.18)
SUSSEX
WARWICK-WICKHAM
SOMERS
CROTON
WESTCHESTER
NEW HAVEN
WEST HAVEN
ELIZABETH AAF
BRANCHVILLE
CHRISTIE
LA GUARDIA 209
MILFORD
SPRING VALLEY
BRIDGEPORT 269 KC. 118.7 MC
N.Y. 3 D.A.
ALLENTOWN 320
LA GUARDIA 209
MILLER
NEWARK 341
PORT CHESTER
NEW YORK 67
MITCHELL AAF 227
MATTITUCK
EAST HAMPTON
WESTCHESTER CO. 260 KC.
SUFFOLK CO

TO UTICA
TO ELMIRA
SYRACUSE 49
TO WILKES-BARRE
TO LAKE CAREY
TO CONCORD
BOSTON 53
TO MOORUP

75° 74° 73° 72°
44° 43° 42° 41°

OVER

RADIO

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
BRUNSWICK NAS PORTLAND	206(PW)(116.1)	BMRLZ-DTV,149°, 2.2	DECOMMISSIONED (4); 116.1
YARMOUTH FM (Navy)			DECOMMISSIONED

MASSACHUSETTS

BEDFORD (Army)	522 (DBH)	MH	Operates cont.
Bedford AAF	212126.18137.88	CA	(3);126.18,137.88
BOSTON (Logan)	263(BW)(116.1)	SBRAZ-DTV	(3) ; 116.1
BRANT ROCK FM (Navy)	(- -)	FM, 141°, 20.2	Squantum NAS
EASTON FM (NAVY)	(- - -)	FM, 218°, 17.7	Squantum NAS
EVERETT LFM	(- - - -)	LFM, 298°, 4.2	Boston
FRANKLIN FM	(. . . - - -)	FM, 238°, 28.7	Boston
LOGAN (Boston)	278 (118.7 126.18 118.1	AC ;238°,1.4	(4), 122.5,126.18, 118.1, 118.7
PEABODY FM	(-)	FM, 31°, 9	Boston
SOUTH BOSTON LFM	(- - -)	LFM, 238°,4.7	Boston
SOUTH WEYMOUTH (Navy)			DECOMMISSIONED
South Weymouth NAF	3295 (142.74)	CN	(3),142.74,(8-1630,Mon-Fri.)
SQUANTUM (Navy)	472(NZW)	BMRLZ	(3):142.74 flt opers.
Squantum NAS	323(142.74)	CN(GCA);321°,3.7	3105,4495;142.74(8-30 min before sunset)

NEW HAMPSHIRE

BOSCAWEN FM	(- - - -)	FM, 332°,14.2	Concord
CONCORD	251 (CN)(116.1)	BMRLZ-DTV 332°,1.9	(4),116.1
GRENIER(Manchester) (Army)	338(DUR)	SBMRAZ	(3)
Grenier Field	278(126.18)	CA(ILS),352°,0.4	(3):126.18

RHODE ISLAND

CHARLESTOWN NAAS	269(142.74)	CN(GCA)	3105;142.74 (0700-1800)
GREENE(Providence)	278 (118.9)	AC;47°,3.2	(4); 118.9,122.5
PROVIDENCE (Greene)	347(PR)(116.1)	SBMRAZ-DTV	(3);116.1
QUONSET POINT (Providence) (Navy)	356 (NCO)	BMRLZ	3105;142.74
Quonset Point NAS (Providence)	227(142.74) (126.18)	CN,339°,2.2	(3);142.74,140.58, 126.18

NEW RADIO FACILITIES

DEDHAM,Mass.FM	. . - - -	FM;238°,14.4	Boston
MOOSUP, Conn.FM	(- - - -)	FM,286°, 18.6	Providence

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)					
GRENIER (A)	109.5 ·-·-	332.6	352°	IM- ·-	(0.03)	MM- ·····(0.71)	OM-		(5.00)
				MMK-201 ·-·	(0.71)	OMK-219 ·-·			(5.00)
				IM-		MM-		OM-	
						MMK-		OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Foster(Stonington)	1 NE,RR S	5	18 S4	80 oct. Lgt acft only
Plainfield	1.5 SSW,RR E	160	21 L S6	80 oct Port rnwy lgts.
* Putnam Int, 14,LG-BW	1.7WSW;riv E	460	22 L3	Pole line N;poles NE.

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Biddeford	2 SSW;RR NW	110	22 S2	80 oct. Pole line SE.
Brunswick NAS	1.5SE;RR N	77	60h	91,100 oct.
Douglas (Brunwsick)	3.5 W;RR SE	170	15	
Hilltop (West Buxton)	0.8 WSW;RR S	300	22 S4	80 oct. Poleline ESE.
Kennebunk	2S; rd E	120	20 S2	80 oct. Trees S. Data unverified
Merrymeeting(Bowdoinham)	1 SSE;riv E	60	18 S1	80 oct. Trees N,S.
PORTLAND	2 W,riv E	60	43h R1 L5 S6	80,91 oct.
Port of Maine (South Portland)	1.8 SSW,RR E	40	28 S6	80 oct.Rnwy data unverified.
Riverside Airpark (Brunswick)	1 WNW,RR S	60	18 S4	80 oct. No sto. Trees NNW
(P)Sanford	4 SE,hwy N	243	60h L5 S6	80,91 oct.
Scarboro	2 W,RR SSE	20	25 S2	80 oct.
Stover (Freeport)	4 NNW	200	12 S2	80 oct. Data Unverified

MASSACHUSETTS

Ames (Brockton)	3 WSW,RR W	120	20 S6	73 oct. RR S.
Auburn	2 SW,RR W,E	700	15 S1	80 oct. Lgt acft only.
(A)Bedford AAF (A)	1 S	128	50h R2 L5S6	73,100 oct:JP-1.
(CG) Beverly	3 NW,lake E	108	50h L5 S1	80,91 oct.
Bolton (Clinton)	2.3 NE,RR W	400	17 S6	80 oct. Trees around fld. RR S.
Boston-Metropolitan (Canton)	1 W,riv W	50	21 S6	80,91 oct
Brockton	2 S,hwy E	128	22 S6	80 oct.Poles E.W.Rnwy data unver.
Cape Cod (West Barnstable)	2.1 SW, lake SW	100	25 S2	80 oct.
Country Club(Wareham) (NC)	1.3 E,riv S	25	17	Pole line, trees N
Chatham	1.7 WNW,hwy S	66	14 S4	80 oct.Pole line N
Eastham	1.2 NW;hwy E	50	20 S4	80 oct.FEE.Rnwy data
Edgartown	2 S,rds E,NW	20	30 S4	80 oct. unver.Smudge pots prior P-line E. req.
Falmouth (NC)	2.5 NE	40	18 S4	80 oct Data unver
Fitchburg	2.5 SE,bet RRs	334	45h S6	80 oct Knolls,dike S.
(A)Fort Devens AAF(A) (Ayer)	See Ayer, Mass under "New Arpts" - name changed			
Franklin-Norfolk (Norfolk)	2.5 WNW RR SSE,NW	140	20 S6	80 oct.Pole line S
Grafton (No Grafton)	0.7 SSW,riv N	450	30 S6	80 oct. Wooded hill S
Groton	4.6 WNW,RR W	280	28 S6	80 oct
Haverhill	2 NNE,lake S	125	17 S6	80 oct.Stack S;pole line NW
HYANNIS	1.2 N,RR E	56	41h S4	80,91 oct.; line NNE
King (Taunton)	4.5 ESE,RR N	45	26 S6	73 oct. Pole P-line SSE
(P)LAWRENCE	2.5 ENE,lake E	155	40h L5 S6	91 oct day only.
Leicester	2 N	1140	15h S4	80 oct. Reservoir SE
(A)LOGAN (Boston)	1.5 E in harb	12	70h R2(L5)S6	80,91,100 oct. Rdo rqrd FEE ARMY TMP INACT CIVIL FACS
Mansfield	2 SSE,RR NE	124	25 S2	80 oct Pole line NWNE
Marlboro	2.4 E,RR WSW	265	15 S4	80 oct.Ridge SSE,NNW
(N) MARTHA'S VINEYD. (Vineyard Haven)	4.3 S,rd S	68	38h L5 S2	80,91 oct.Lgts prior req Obsts SE side TMP INACT.
Mendon	0.3 S,lake W	450	18 S4	80 oct. No sto P-line N,NW NO NAVY FACS
Myricks	0.8 N,RRSW	65	20 S4	80 oct. Pole line S
NANTUCKET	2.6 SE,rd N	47	40h L S6	80,91 oct.Port lgts.
(P)New Bedford	2.5 NNW,RR W	78	50h L5 S2	No fuel.
North Shore(Essex)	Adj NW	20	15 S1	
Norwood	1.8 E,riv E	55	40h L5 S1	80,91 oct.
Oak Bluffs	0.8 SW,rd W	20	20 S4	80 oct. Trees E,SE
(N)Otis OLF(Falmouth)	9 NNE	126	70h	INACTIVE (N)
Plum Island (Newburyport)	2.3 SE,riv N	15	25 L1 S6	80 oct. Pole line E.
Plymouth	SSE	149	25	Data unverified.
Providence (Seekonk)	2.1 ESE,rd NE	25	17 S4	80 oct. Pole line NNE
Revere	1 N	20	21h L S6	80,91 oct. Port lgts,fee Data unverified.

MASSACHUSETTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Richardson (Dracut)	2 NNW Lowell	115	15 S4	Data unver
Shawsheen Pines (Billerica)	2.7 E,RR NE	110	24h S6	80, 91 oct.Ltd sto.Rnwy data unver.Trees NE,E,SE
Sherman Memorial (Mansfield)	See Clifford Sherman Memorl under "New Arpts" - name changed.			
(N)South Weymouth NAF	1.5 SSE,RR W	152	45 R1 L5 S4	100 oct. B-2 lgts.
Spencer (N)	2 NE	1100	15 S4	80 oct,Data unver.
(N)Squantum NAS (N)	0.8 W,bay N	10	41h R2 L5 S4	91,100 oct. No sto. No ngt flying,lgts prior req
Westboro	1.9 WNW,hwy N	310	13 S6	80 oct.
Wilkins (No.Attleboro)	2 NE,lake NW	200	18 S6	80 oct.Poleline ESE
WORCESTER	3.5 W,RR SE	1009	55h	

NEW HAMPSHIRE

Boire (Nashua)	2.8 WNW,RR N	185	20h L3 S6	80,91 oct.Lgts prior req P-line S
CONCORD	1.5 E,riv W	346	40h R1 L5 S6	80,91 oct
Daniel Webster(Nashua)	3.5 NW,riv E	192	25 S6	80,91 oct. Data unverified
Gate City (Nashua)	4 S		20 S4	80 oct. Data unver
(A)Grenier (Manchester)	4 S,RR E	230	70h R3 L5 S6	73,91,100 oct. (A)
Hampton	1.6 N,RR W	80	20 S5	80 oct. No sto.Trees N,S.
Hooksett Land & Seaplane	2 S,RR E	187	20 S6	80 oct. No sto.
Laconia	3.8 NNE,RR S	536	35h L5 S6	73,80,91 oct. Fld lgts prior req.
Lakes Region (Wolfeboro)	2.6 W,RR E	580	14	CLOSED
Merrimack Bay(Concord)	5 NNW,RR W	260	15 S2	80 oct.Poleline S.
Plymouth Mun.Arpk	3.5 WNW,RR N	506	18 S2	Ltd 80 oct.Poleline N
(P)Portsmouth	3 W,bay W	94	50h L5 S6	80,91 oct.
Wayside(Sommersworth)	2.4 W,RR N	200	15 S2	80 oct.Trees SSE.

[redacted]ND

(N)Charlestown NAAS(N)	1.9 SW,hwy N	32	58h R1 (L5) S1	91,100 oct. No bcn.
GREENE(Providence)	7 S,RR W	53	41h R2 L5 S6	80,91 oct.
Newport Arpk	3.5 NNE	145	25 S4	80,91 oct,Emerg lgts only.
Mineral Springs (Providence)	4.6 NW,hwy E	240	11 S4	73 oct.No sto.Trees surround field
(N) Quonset Point NAS (Providence) (N)	16.5 S	14	60h R2 L5 S6	91,100 oct. NATS
Riconn (Greene)	1.8 WNW,RR S	390	15 S4	80 oct.
Smithfield	1 NE,RR W	400	17 S6	80 oct. Flares on req.
Westerly	2.4 SSE	81	40h	Riv. E.
Woonsocket	2.5 E;riv WSW	400	20 S2	80 oct.

NEW AIRPORTS

(N)Plymouth, Mass.OLF (N)	4.5 SW	140	28	
(A) Ayer, (Mass.)	1.5 NW;riv W	268	52h	
Conway Valley (Conway,N.H.)	0.3 NW;RR E,S	460	20 S4	80 oct.Trees NNE,SSW Data unver.
Clifford Sherman Memorl (Mansfield,Mass)	3 SSW;RR W	130	17 S1	73 oct.Trees [redacted] fld.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv); NC-(not charted). → NEW OR REVISED DATA

BOSTON 53

ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA

PRESQUE ISLE 18
CONWAY VALLEY
PLYMOUTH MUN.
PORTLAND 206 (116.1)
AUGUSTA
MERRYMEETING
DOUGLAS
RIVERSIDE
NAS. BRUNSWICK
STOVER
PORTLAND
PORT OF MAINE
HILLTOP
LACONIA
LAKES REGION
BOSCAWEN
MERRIMACK BAY
SCARBORO
BIDDEFORD
KENNEBUNK
SANFORD
WAYSIDE
CONCORD
CONCORD 251 (116.1)
HOOKSETT
GRENIER AAF 278 126.18
GRENIER AAF 338
N.H. 1 D.A.
PORTSMOUTH
HAMPTON
CHESTER
HAVERHILL
BOSTON ATC
ME. 3 D.A.
PLUM IS
BOIRE
DANIEL WEBSTER
N.H. MASS. GATE CITY
GROTON
RICHARDSON
FITCHBURG
AYER
LAWRENCE
NO. SHORE
BEVERLY
PEABODY
SHAWSHEEN PINES
BOLTON
GARDNER
WESTBORO
MARLBORO
EVERETT
EAST BOSTON
SOUTH BOSTON
BOSTON 263 (116.1)
LEICESTER
SPENCER
WORCESTER
GRAFTON
AUBURN
FRANKLIN-NORFOLK
DEDHAM
FRANKLIN
NAS. SQUANTUM 472
BRANT ROCK
MENDON
WOONSOCKET
SMITHFIELD
MINERAL SPRINGS
PLYMOUTH
PLYMOUTH OLF
PUTNAM
KING
MYRICKS
PROVIDENCE
GREENE 278 (118.9)
PROVIDENCE 347 (116.1)
MASS. 2 D.A.
MASS. 1 D.A.
EASTHAM
CAPE COD
CHATHAM
OTIS OLF
HYANNIS
C.A.
RICONN 106
PLAINFIELD
MOOSUP 19
NEW BEDFORD
FALMOUTH
N.Y. 3
NEWPORT
NAS. QUONSET PT. 227 142.74 126.18
NAAS. CHARLESTOWN 269 (142.74)
NAS. QUONSET PT. 356
OAK BLUFFS
MARTHA'S VINEYARD
EDGARTOWN
MASS. 2 D.A.
NANTUCKET
FOSTER
WESTERLY
HARTFORD 329
BOSTON AREA
BEDFORD AAF 212 126.18 137.88
BEDFORD AAF 522
LOGAN 278 118.1 118.7 126.18
EVERETT
REVERE
SOUTH BOSTON
DEDHAM 14
NAS. SQUANTUM 323 142.74
NAS. SQUANTUM 472
NORWOOD
BOSTON-METRO
NAF. SO. WEYMOUTH 3295 142.74
EASTON 18
AMES
BROCKTON
WILKINS
MANSFIELD
C. SHERMAN MEM'L.
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
SCALE 0 5
ALBANY 51
TO MONTPELIER
TO LEBANON
TO SALEM
STATUTE MILES
BLUE 4
BLUE 41
BLUE 40
RED 11
AMBER 1
AMBER 7
GREEN 2
RED 13
G 2
G 5
R 33
CONN. R.L.
MASS. R.L.
149
152
256
329
344
352
262
211
293
118
205
252
76
172
82
106
286
273
339
47
93
159
58
48
298
141
260
321
365
ALBANY
HARTFORD
WOODSTOCK

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'B' QUADRANTS.

OVER

TERRE HAUTE

RADIO

ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE (Rantoul)(Army)	365 (DNU)	SBMRAZ	(3), 126.18
Chanute Field	396 (126.18)+	CA, 43°, 3.3	(3), 126.18
EFFINGHAM	275 (EF)(116.1)	BMRLZ-DTV,341°,0-Intermediate	(4), 116.1
SCOTT (Belleville)(Army)	265 (DCD)	SBMRAPZ-DT,49°,2.2	(4)
SPRINGFIELD	230 (ZD)	SBMRAZ-DT,113°,2.3	(4)
EVANSVILLE	233 (EV)(116.1)	SBRAZ-DTV	(3);116.1
Evansville Airport (old)	278 (118.5)	C, 177°, 5.7	(4).118.5,122.5
TERRE HAUTE	248 (TH)(116.1)	BMRLZ-DTV; 69°, 5.8 (Hulman)	(4): 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Arcola)	2 W,RR N,E	665	20 S6	80 oct.Pole line N, E.
B & K (Fairfield)	1.4 WSW,RR S	500	21 S2	80 oct. Pole line S.
Beckerman (Mt.Carmel)	4 W,RR S	424	23 S1	80 oct. Pole line N.
(P) Bloomington	3 E, hwy N	875	33 L1 S6	80,91 oct. Pole line N. NW.Obst lgtd.
Carbondale	0.1 E,lake 2 E	450	20 S4	80 oct. No sto.
Champaign	2 NNW;hwy SW	753	28 S6	73,80 oct.W,NW,S blocked.
(A) Chanute (Rantoul)(A)	1 SE,RR W	744	63h R2 L5 S6	73,91,100 oct. JP-1.Pole N.
Charleston	1.3 SW;RR NW	690	26 S6	80,91 oct.Flares on req.P-line N,E,W.
Clinton Flying Club	5.5 NE	720	13	
Cooper (Tuscola)	1.6 SW,RR E	650	24 S2	80 oct.Poles NW, SE, NE, E
Danville	2.4 SSW,hwy W	640	33 S6	80,91 oct.N blocked.P-line NE,E.
Decatur	4 NW	678	29 S6	80,91 oct.P-line S,SW,W,NW. Hedge SW.
(P) Decatur Park	4 E,RR,hwy S	679	53h S6	80,91 oct.
Denis (Muddy)	Adj E	400	27 S1	80 oct.Data unverified.
(P) Du Quoin	1.8 W,hwy S			ABANDONED
Effingham Co. Memorial	3.6 S,hwy W	585	30 S6	80 oct.
Effingham Int,10,L3-II	2.5 N,RR E	608	26 R1 L3 S1	73 oct. on req.
Flora	0.8 SW;RR N	490	35 S6	80 oct.P-line N,W.
(A) George (Lawrenceville)(A)	4.5 NE,RR S	428	52h	CLOSED
Illini (Urbana)	2 NNE;hwy E	740	25 S6	P-line S.W. 80 oct.Flares on req.E,SE blkd.
(P) Leckrone (Salem)	1.9 NW;lake NW	545	39 S6	80,91 oct.Flares on req.Derrick NW
McCoy (Blue Mound)	5 W	660	16 S2	No fuel.
Macarin (Marion)	4.6 WNW,hwy W	470	35 S6	80, 91 oct.
Marion	1.8 ESE,RR S	430	26 S6	73 oct.
Mattoon	4 E,RR N	720	23 S6	80 oct. Poles W.
Medbery (Armington)	1 NE	650	26	Data not verified.
Moody (Dalton City)	2.2 S,hwy W	680	19 S6	80 oct. Pole line N
Murphysboro	3 N,riv SE		20 S1	80 oct. Data not verified.
Paris	3.5 NNW;RR E	740	30 S1	80,91 oct.Poles SW,S,W.
Pekin	4 S,bet RRs	505	24 S2	80 oct. Pole line W,N, E.
(P) PEORIA	4.8 WSW,rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
(A) Presbyterian Church No. 3 (St Francisville)	4 WNW,hwy E	430	45h	CLOSED (A)
Russell's (Hoopeston)	6.5 WNW,RR S		13	PRIVATE. Data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See page iv) (NC)-Not charted. ⟶ NEW OR REVISED DATA

ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Shelby County (Shelbyville)	1.9 ESE,RR N	677	21 S6	80 oct.
Smith Aviation (St.Elmo)	1.3 SW;RR,hwy N	647	32 L1 S6	80 oct.Bcn twr NE,poles N.
Springfield	3.5 SW,bet RRs	606	31 R1 S6	80,91 oct.Use strips only.
(P) University of Illinois (Champaign)	5.5 SSW,RR E	752	53h S6	80,91 oct.Flares on req.
Vandalia	4.4 NW	532	39h L3 S6	80 oct.
Vermilion (Danville)	4 E;RR N,SW	650	21 S4	80 oct. 30' poles S.
White County (Carmi)	1.1 NE, RR S	450	17 S1	80 oct.
Attica	2 S;hwy W	647	26 S1	80 oct. Data unverified
Cork (West Lebanon)	4 W		24 S1	80 oct. Obsts NE. Data unverif.
(A) Emison (Oaktown) (A)	3.6 WSW	425	45h	CLOSED
EVANSVILLE	4.5 NNE;bet RRs	383	60h R2 L5 S6	80, 91 oct. Twr W. Fld lgts on req.
Ferguson (Richland)	0.5 SE		13	Data unverified No flood lgts.
Highland (Perrysville)	2.8 WNW;riv 3 E	585	23 S2	Ltd 73 oct.
(P)HULMAN (Terre Haute)	5 ESE;hwy N	585	53h R1 L5 S4	80,91 oct.No sto.Fld lgts prior req.
Jordan (Bloomingdale)	See Port O'The Woods Arpk under "New Arpts" - name changed			
Kingman Flying Service (Kingman)	0.5 E,hwy N	710	26 S4	80 oct. No sto.Data unver.
Linton	3.3 E, RR S	500	19 S4	Ltd 80 oct. N,NE blocked.
Mount Vernon	1 E;bet hwy,riv	390	26 S1	80,91 oct.Data unverified.
O'Neal (Vincennes)	1.5 WNW,RR NE	415	28 S6	73,80 oct.NNW appch blocked.
Paul S. Cox (Terre Haute)	3.2 S;hwy W	485	27 S4	80, 91 oct. P-line NE,SW
Straub (Cynthiana)	0.5 NW		13	Data unverified
Washington Mun.	4 N		30 S4	80 oct. Data unverified.
Washington	3 W		21	Data unverified

KENTUCKY

Madisonville	6 ENE; hwy SE	420	24 S4	80 oct. No sto. Use strips only.
Owensboro	2.5 ENE;RR NW	484	29 S6	80 oct.
Sturgis AAF (A)	1.5 ESE,hwy SW	371	50h	CLOSED

MISSOURI

Chester (McBride)	3.8 NW,riv N	372	20h	Allway: 5388 x 4695'.

NEW AIRPORTS

Midway Aviation(Horace,Ill.)	1 E,RR W	650	26 S2	80 oct.Poles,bldgs,trees E,N.
Henderson,Ky.	6 SW,riv N		23 S1	80 oct.Data unver.
Morton (Ill.)	3 W; hwy N		18 S4	80,91 oct. Data unver.
Port O' The Woods Arpk (Bloomingdale,Ind.)	4.2 N;hwy W		33 S2	80 oct.Use NE/SW strip.Data unver.
Princeton, (Ind.)	0.7 E;RR NE	502	23 S2	80 oct. Data unver.
Mount Vernon, (Ill.)	2.5 ENE;RR S	465	37 L S6	80,91 oct.Data unver.Temp port lgts.
Taylorville, (Ill.)	1 SW		26 S6	80 oct.Data unverified.
Hillsboro, (Ill.)	1 NE	630	25 S4	Data unverified.
Schilt (Olney,Ill.)	1.5 E;RR S		30 S1	80 oct.Data unverified.
Nashville, (Ill.)	1 E;lake W		20 S1	80 oct. Data unverified.
Casey, (Ill.)	1 NW	645	26 S4	80,91 oct.Data unverified.
Midway Aviation(Horace,Ill)	1 E;RR W	650	26 S2	80 oct.Poles,bldgs,trees E,N.

TERRE HAUTE 55

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓘ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

PEORIA
MORTON
PEKIN
R 55
TO JOLIET
CHICAGO 41
BLOOMINGTON
RUSSELL'S
CHANUTE AAF 365
CHANUTE AAF 396 (126.18)
MEDBERY
CLINTON
CHICAGO CINCINNATI
ATTICA
LAFAYETTE
CORK
ILLINI
CHAMPAIGN
DANVILLE
VERMILION
HIGHLAND
CHICAGO ST. LOUIS
UNIV. OF ILLINOIS
DECATUR
SPRINGFIELD 239
DECATUR PARK
COOPER
KINGMAN
PORT O' THE WOODS
ILL. IND.
MC COY
MOODY
ALLEN
MIDWAY AVIATION
PARIS
TERRE HAUTE 248 (116.1)
SPRINGFIELD
TAYLORVILLE
HULMAN
TO JERSEYVILLE
TO INDIANAPOLIS
MATTOON
CHARLESTON
PAUL S. COX
SHELBY CO.
EFFINGHAM 275 (116.1)
CASEY
FOR DETAILS IN THE ST LOUIS AREA SEE CHART 35
EFFINGHAM
HILLSBORO
LINTON
WOOD RIVER
ST. LOUIS 209
EFFINGHAM CO.
SMITH AVIATION
VANDALIA MUN.
ST. LOUIS CINCINNATI
EMISON
WASHINGTON MUN.
JAMESTOWN
SCHILT
GEORGE AAF
O'NEAL
WASHINGTON
LECKRONE
FLORA
PRESBYTERIAN NO. 3
SCOTT AAF 263
B AND K FLY. SER.
BECKERMAN
PRINCETON
STRAUB
EVANSVILLE 233 (116.1)
MT. VERNON
NASHVILLE
RED 11
WHITE CO.
ST. LOUIS 37
LITTLE ROCK 85
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
MARION
DENIS
MT. VERNON
EVANSVILLE 278 (118.5)
IND. KY.
FERGUSON
OWENSBORO
HENDERSON
MADISONVILLE
STURGIS AAF
ILL. MO.
ST. LOUIS MEMPHIS
MEMPHIS 87
ADVANCE
GREEN BRIER
MADISONVILLE
TO LOUISVILLE
INDIANAPOLIS 57
STATUTE MILES

OVER

RADIO

INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ADVANCE FM	(- - - -)	FM, 330°, 24	Indianapolis
CEDAR GROVE FM	(- - - -)	FM, 297°, 35	Cincinnati, Ohio
CLAYTON FM	(- - -)	FM, 250°, 11.2	Indianapolis
GREENCASTLE FM	(. . - - -)	FM, 250°, 27	Indianapolis
GREENFIELD FM	(-)	FM, 82°, 31	Indianapolis
INDIANAPOLIS	266 (ID)(116.1)	SBRAZ-DTV	(3) 116.1
Indianapolis Airport	278(126.18,118.7)	AC (ILS); 82°,3.2	(4); 122.5, 126.18,
LAFAYETTE (Purdue University)	227(LF)(116.1)	BMRLZ-DTV;50°,2.4	(4).116.1 118.7
MORGANTOWN FM	(- -)	FM; 177°, 22	Indianapolis
STOUT(Indianapolis)	396	CA	4495 (9-18)
KENTUCKY			
BOWMAN FIELD (Louisville)	278(126.18) (118.3)	AC; 269°,1.4	(4);122.5,126.18, 118.3
EASTWOOD FM	(- -)	FM; 89°, 9.4	Louisville
GODMAN(Ft. Knox)(Army)	227 (DKX)	BMRLZ	
Godman Field	272(126.18)	CA; 172°,3.1	(3);126.18 (6-24)
LOUISVILLE(Bowman)	359 (LV)	SBMRLZ-DTX	(3)
SHEPHERDSVILLE FM	(- - -)	FM; 190°,18	Louisville
SULPHUR FM	(. . - - -)	FM; 227°,70	Cincinnati, Ohio
UNION FM	(- - -)	FM; 227°,24	Cincinnati, Ohio
GREATER CINCINNATI (Covington)	221(118.9) (126.18)	AC (ILS)	(4);118.9,122.5, 126.18
OHIO			
CINCINNATI (Lunken)	335(CC)(116.1)	SBRAZ-DTV	(3);116.1 DTV lctd at Gr.Cincin.Arpt
DAYTON	245(DY)(116.1)	SBMLZ-DTV;90°,3.2	(3); 116.1
Dayton Airport	278 (126.18, 118.9)	AC(ILS-W)	(4); 122.5,126.18, 118.9
FAIRFIELD FM(Army)	(- - -)	FM, 196°,9.3	Patterson
LOVELAND FM	(-)	FM, 44°, 8.8	Cincinnati
→LUNKEN(Cincinnati)	227(118.7)	AC 227°, 5.2	(4);118.7,122.5
PATTERSON (Fairfield) (Army)	379 (DPK) (137,88)	SBMRAZ-DTV ;32°,2.96	(4);137,88
Patterson Field	396 (126.18)+	CA(ILS-W)	(4); 126.18
VERONA FM	(- - - -)	FM,270°,9.9	Dayton
WRIGHT (Dayton)	260 (126.1)	CA	3105,4495;126.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
DAYTON	110.3	335	55°	IM- ·····(0.05)	MM-	OM- --(4.4)
					MMK-	OMK-
GRTR.CINCINNATI	109.9	333.8	360°	IM-	MM- ·-·-(0.6)	OM- --(4.3)
					MMK 206 ···-(0.6)	OMK 215 ·-·-(4.3)
INDIANAPOLIS (L6)	109.9	333.8	44°	IM	MM- ·-·-(0.89)	OM- --(4.3)
					MMK 201 ·-·-(0.89)	OMK 219 ··(4.3)
PATTERSON (A)	108.7	333.8	210°	IM- (0.09)	MM- ·-·-·(1.12)	OM- --(4.5)
					MMK-	OMK-

§ Send Range and Time. ‖ Radiosonde Time. ‡-WBI Range System (position finder). (T) 1193, 6973, 6750 kcs, wb 3023, 6495, 6750, 3117.5 kcs. Provisional Number or Frequency Change subject WBI Time. ◊—Army ACS transmits on and guards 116.1, 122.05, 149.18 mcs.

AIRPORTS

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ace (Anderson)	2 S	875	30 L S4	80 oct.Port rnwy lgts.
Anderson	3.5 SE;RR W	875	27 S6	80 oct.P-line NE.
Aretz (Lafayette)	4 NE	500	35 S6	80 oct.Info. unverified.
(A) Atterbury AAF(Columbus) (A)	3.5 N;hwy S	651	50h	TM? INACT,NO FACS
Bargersville	1 N		20	Info. unverified.
Beck (Zionsville)	5 NE;crk W		14 S2	80 oct.Poleline W.Info. unverified.
(P) Bedford	3.5 SE	682	19 S6	80 oct.
Black Hawk (Sheridan)	5.3 N;hwy E	925	17 S2	80 oct.
(P) Bloomington	5 WSW;RR SE	840	40 L S6	80,91 oct.Port,rnwy lgts Trees N,NE,SW
Boss-Denien (Salem)	3 WNW;RR N		26 S6	80 oct.Poleline S. Data not verified.
Bringham (Portland)	1.5 E;RR E	1020	20	Poles S;120'tank SW.
Brightwood(Indianapolis)	3.7 NE;rd S		44 S4	80 oct.Data unverif.
Brownsburg	1.5 SSE;RR N	650	26 S2	80 oct. Poleline S

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC (not charted). → NEW OR REVISED DATA.

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Bunker Hill NAS (N)	1.8 W;RR N	798	50h	INACTIVE
Bush (Jeffersonville)	3 NE		20 S2	80 oct.Inf.unverified.
Bush (Ramsey)	1.5 WSW;hwy N	680	12 S4	73 oct.
Campus (Bloomington)	1.5 ENE,RR S	883	22 S4	80 oct.
(P) Columbus	4.5 SSW	616	45h S4	80 oct.No sto.Stacks NW
Coxey's (Winchester)	1 ESE	1088	16 S6	80 oct.P-line S,SW
Crawfordsville	4.5 SSW;hwys E, W	850	38 S4	80 oct.
East Richmond (Richmond)	3.7 ESE;RR E	1090	20 S6	73 oct.
Elwood	2 S;hwy NW	850	23 S6	80 oct.P-line S.
Farmers (Greenfield)	9 NW		26 S2	73 oct.Info. unverif.
→Fortville	2.8 E;rd N			ABANDONED
Franklin Fly.Field	4 S;riv S	745	22 S2	80 oct.Trees S.
(A) Freeman (Seymour)(A)	2 SW;hwy N	575	55h	CLOSED
French Lick Sprgs.(NC)	1 SE;RR W	500	27h	
G & C (Anderson)	1 N	875	30	Info. unverified.
Greencastle	8 SE		23 S2	80 oct.Info. unver.
(P) Greenfield, Inc.	1.9 ENE,RR S	910	30 S6	80 oct.Poleline S.
Halsmer (Lafayette)	3 ESE;RR S	595	40 L S6	80,91 oct.Port lgts on
Himes (Ladoga)	4 NW		13	Info. unver.
Hoosier-Park (Ind)	4 WNW;hwy N	740	26 S6	80,91 oct.P-line NE, SW
Howell Bros(Rushville)	2 SE;hwy SW	985	13 S4	91 oct.Bldgs SW.
Huffman Air Service (Selma)	0.8 SE; RR N	1000	19 S6	80 oct.Obst sur fld.
(P) Huntingburg 19,LS-LV	3 S;RR E	500	31 L2 S4	80 oct.
(P) INDIANAPOLIS	8 SW;hwy N	796	53h R3(L6)S6	73-100 oct.Exper lgtg.
Kokomo, mun.	4.7 NE	835	40h L5 S2	80 oct.P-line N.Lgts prior
Lapel	1 NE		13	Rough.Info. unver. req.
Lawrenceburg	1 SW		22	Info. unver.
Lebanon	1 S;RR N	825	16 S4	80 oct.Trees SW.
Lizton	1 SE		25	Info. unverified.
Lockwood (Frankfort)	2.5 S;RR W	764	20 S6	80 oct.E,SE blocked.
Loy (Plainfield)	0.5 NE;RR S		19 S6	73 oct.Data unver.
Madison Commercial	See Myers under "New Airports" - name changed.			
(A) Madison AAF (A)	6 NNW; RR SW	850	50h	Closed to all acft.
Mapleton (Seymour)	3 E	630	18 S4	80 oct.No sto.Info.unver.
Martinsville	2 W		10	Info. unver.
Marion	3.8 SSW;hwy E	832	24 L S6	80,91 oct.P-line NE,E,
Mecco (Danville)	0.5 W		13 S2	73 oct.Info. unver. Port lgts on req.
Mettel (Connersville)	2.8 NNE	950	29 S2	80 oct.bet RR's
* Milroy Int,5, CC-CG	5.5 ESE	1034	27 L3	
Moore (Zionsville)	12 NW		14 S1	80 oct.Info. unver.
(P) Muncie	3.5 N;RR SW	950	32h L4 S6	80,91 oct. Lgts on req.
New Castle	3.2 E;hwy N	1040	29 S6	80,91 oct.N,NE blkd.
New Castle Western (New Castle)	2.3 NW;hwy E	1080	24 S2	80 oct.P-line N,SE. NW blkd.
Noblesville	1 SE: RR N	801	24 S1	80 oct.Pwr line ESE.
Ockley	1 W		23	Pwrlines N,W;trees E. Info. unver.
Owen (Mooresville)	4 E		31 S1	80 oct.Info. unver.
(P) Purdue University (Lafayette)	2.5 W;RR N	605	35h R1 L3 S6	80 oct.No sto.P-line N; stack NE.
Reese (Muncie)	4 E	950	19 S2	80 oct.Info. unver.
Reimer (Lafayette)	2 S		25 S2	80 oct. Data unver.
Richmond, com.	4 WSW;RR N	1075	42 L1 S2	80 oct.
(P) Richmond, mun.	6 SSE;RR W	1139	55h L5 S1	80,91 oct.No flood lgts.
Ruzicka (Kokomo)	2.5 S;RR E	800	22 S6	80 oct.Pole E;trees N.
(P) St. Anne #2 (N.Vernon)	2.3 NNE;RR W	750	45h	
Scottsburg	2 W		18	Info unver.
Shank's (Indianapolis)	5 WNW	740	28 S6	80 oct.Info. unver.
→Shelbyville	3.1 S;hwy E			ABANDONED
Silent Brook (Orleans)	5 W;riv SW	650	21 S4	80 oct. hi-line W,SW
(P) Sky Harbor (Indianap's)	7 ENE;hwy S,E	730	26 L S6	80 oct. Pole line E,S,SE.
(P) Sky Haven (Bedford)	2 SSW;riv S	650	36h S6	80,91 oct.P-line E,NE,S
Steed (Portland)	1.5 NW	1030	20 S2	80' hill W end WSW rnwy 80 oct.Obsts N end NE-SW stp.Info.unver.
Stiles (Shoals)	1 N	740	22 S2	80 oct. Info. unver.
(A) Stout (Indianapolis)(A)	5.5 WSW	712	45h R1 L5	
→Templeton (Greensb'g)	3.5 WNW;RR N			ABANDONED
Vevay	1 E	450	20 S2	73 oct.Tree NE corner Info. unver.

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	
West Side (Marion)	2.5 NW;hwy S	835	26 S6	80,91 oct.
White Cloud (Greenw'd)	1.6 SW;hwy E	800	25 S4	Fuel.No sto.Info.unver.
Yorktown	1 S		22 S1	80 oct.Obsts E.Info.unver.
KENTUCKY				
Blue Grass (Lexington)	6 W;hwy N	978	40h L5 S6	80,91 oct. Fld lgts on req.
-BOWMAN (Louisville)	5.5 ESE	546	44h R2 L5 S6	73,91,100 oct. No flood lgts.
Cool Meadow (Lexington)	4.8 NE;rd W	910	28 S6	80,91 oct.
* Glendale Int,75B,	0.5 NE;RR W	702	25 L3	(DL-LV)
(A) Godman (Ft.Knox)(A)	1 NW;RR E	740	52h R2 L5 S4	73,91,100 oct.No sto.
Goodall (Danville)	4.2 S;hwy W	990	27 S4	80 oct. WNW,SW blocked.
(P) Greater Cincinnati (Covington)	8.2 W;riv NE	890	55h R3 L6 S6	80,91 oct.
Paris	1.2 NNE	635	20 L S1	80 oct.Flood lgts NE,SW,
Shelby (Shelbyville)	2.5 ENE;hwy S	850	20 S2	80 oct.Info. unver. NW blkd.
Silver Lake (Frankfort)	3.2 E;hwy N	750	20 S6	80,91 oct. Poles N
Standiford (Louisville)	4.3 SSE;hwy E	480	50h	
* Warsaw Int,5A,LV-CV	0.8 SW;riv NW	485	30 L3	
OHIO				
Attaway Air Ranch (Mason)	4.2 S;RR NW	850	23 S4	80 oct.No sto.Pole line E.
Campbell (Cincinnati)	6.2 NNW;RR E	820	24 S1	80 oct.Pole line WSW.
Cheviot (Cincinnati)	9 W	914	18 L1 S1	80 oct.
Cincinnati (Sharonv'l)	2 SE;hwy N	860	37 S6	80 oct.
* Coldwater Int,4,DY-GO	2 NW;crk NW	898	33 L3	
→Country Club (Johnsv'l)	2.9 N;RR NE			ABANDONED
Dahio (Dayton)	8.5 W;hwy S	925	37 S4	80 oct.
(P) DAYTON	10 N;hwy E	1007	55h R3 L6 S6	73,80,91,100 oct.
Hamilton	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE, SSW Trees NW.
Happy Landings (Morrow) (NC)	2.4 ESE;RR S	880	28	Area SE unusable. data unver.
Harrison	2 ESE;RR SW	580	26 S6	80 oct.P-line S.Rnwy
Hightman (Lebanon)(NC)	3 E;RR W	880	16	Pole line W;trees W,E.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct. Pole N.
(P) LUNKEN (Cincinnati)	4.3 SE;RR SW	488	41h R2 L5 S6	73,91,100 oct.
(P) Miami University (Oxford)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
(P) Middletown	1.5 N; riv N	653	31 S4	80 oct.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct.Trees W.
Mt. Healthy (Cincinnati)	9.5 NW;hwy E	870	22 S6	80 oct.Trees WSW,NE,
New Westville (New Paris)	2.8 S;RR S	1180	21 S1	80 oct.Poles E, ENE NW, SE.
Parks Watson (Cincinnati)	9 NE;RR E	865	25 S6	80 oct.
(A) Patterson (Fairfld)(A)	1.6 WSW	819	78h R3 L6 S4	73,100 oct. JP-1.
Piqua	4 WNW;RR S	1000	19 S2	80 oct.Poles S,SE,SW.
→Polk Grove (Vandalia)	3.6 W;riv W			ABANDONED
Sidney	1 W;RR S		25 S2	80 oct.Data unver.
South Dayton (Dayton)	5 SSW;RR W	750	32 S6	80 oct.No sto.Hills S.
Treaty City (Greenv'l)	1.5 NNE;hwy W	1060	20 S4	80 oct.Poleline W.
Waco-Troy (Troy)	1.8 SW;RR SE	870	29 S1	80 oct.
(A) Wright (Dayton)(A)	5 ENE;RR NW	800	72h R1 L5 S2	62,73,91,100 oct.JP-1 CLOSED.

NEW AIRPORTS

Port Koneta (Wapakoneta, Ohio)	2.5 NNE;RR E		26 S4	80 oct.Inf. unver. Data unver.
Stair (Mulberry) Ind.	0.13 NE,hwy S	650	16 S4	80 oct No sto.Pole line S
Jeffersonville-New Albany, (Ind)	2 NW;riv S	450	29 S6	80 oct.Poles SW. (Jeffersonville)
Veteran's (Bloomington, Ind.)	2.5 W;RR N	890	18 S6	80 oct. No sto. Poles W,
Riverside(Louisville,Ky)	7.5 SW;riv W		27 S4	80 oct. Data unver.
Charlestown (Ind.)	5 NE;hwy E		15 S6	Data unver.
Bethel (Ohio)	1 ESE	890	30 S6	1500' hard surfaced rnwy
Myers (Madison,Ind.)	2.2 N;RR W	960	24 S6	80 oct,N,NE,E blkd.
Delaware (Muncie,Ind)	3 WSW; hwy N		27	Pwr line E Data unveri.
Lebanon,(Ky)	3 NW		24 S4	No sto. Data unver.
Lakewood Arpk. (Cincinnati) Ohio	9.5 NNW	870	20h S6	80,91 oct.P-line E
Sheridan, (Ind.)	2.5 N	700	23 S6	80,91 oct.Poleline W. Data unver.
Lansdowne (Greenv'l,Ohio)	2 ESE;RR N	1208	19 S6	80 oct.Bldgs, hi-line N. Data unver.

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓞ : USABLE WITH CAUTION

INDIANAPOLIS 57

GRAND RAPIDS 43
NAS. BUNKER HILL
CHICAGO
CINCINNATI
KOKOMO MUN
WEST SIDE
MARION
RUZICKA
OCKLEY
LAFAYETTE 227 (116.1)
ARETZ
HALSMER
STAIR
REIMER
LAFAYETTE
PURDUE U.
BLACK HAWK
LOCKWOOD
SHERIDAN
MOORE
LEBANON
BECK
CRAWFORDSVILLE
HIMES
ADVANCE 24
LIZTON
BROWNSBURG
INDIANAPOLIS 278 (118.7, 126.18)
MECCO
GREENCASTLE 27
LOY
STOUT AAF 396 kc
SHANK'S
SKY HARBOR
OWEN
WHITE CLOUD
BARGERSVILLE
CLAYTON 11
GREENCASTLE
INDIANAPOLIS 266 (116.1)
MARTINSVILLE
MORGANTOWN 22
FRANKLIN
VETERANS
CAMPUS
BLOOMINGTON
COLUMBUS
SKY HAVEN
BEDFORD
STILES
SILENT BROOK AIRPK.
BOSS-DENIEN
JEFFERSONVILLE-NEW ALBANY
BOWMAN 278 (118.3, 126.18)
HUNTINGBURG
EVANSVILLE 233
263
RED 11
RIVERSIDE
STANDIFORD
IND.
KY.
GODMAN AAF 272 (126.18)
KY. 1 D.A.
GODMAN AAF 227
GLENDALE
BOWLING GREEN 368
BUSH
86
266
262
82
352
360
216
MILROY
TEMPLETON
ATTERBURY AAF
MAPLETON
ST. ANNE NO. 2
FREEMAN AAF
MADISON AAF
MYERS
SCOTTSBURG
VEVAY
WARSAW
STEED
BRINGHAM
DELAWARE
ELWOOD
MUNCIE
REESE
YORKTOWN
GANDC
HUFFMAN AIR SER.
COXEY'S
TREATY CITY
LANSDOWNE
DAYTON 245 (116.1)
DAYTON 278 (118.9, 126.18)
LAPEL
ACE
ANDERSON
NOBLESVILLE
NEW CASTLE
WESTERN
HOOSIER-PARK
GREENFIELD INC
BRIGHTWOOD
FARMERS
GREENFIELD 31
RICHMOND COM.
E. PICHMOND
METTEL
HOWELL BROS.
RICHMOND MUN.
NEW WESTVILLE
MIDWAY
VERONA 10
SO. DAYTON
MIAMI U.
HAMILTON
MILTON
CHARLESTOWN
SULPHUR 70
LOUISVILLE 359
COLDWATER
LAKEVIEW
PORT NOMETA
SIDNEY
PIQUA
WACO-TROY
TROY
FAIRFIELD 9
WRIGHT AAF 260 (126.1)
DAHIO
MIDDLETOWN
ATTAWAY
CINCI INC.
LOVELAND 9
PARKS-WATSON
CHEVIOT
CAMPBELL
LAKE WOOD
MT. HEALTHY
CEDAR GROVE 35
LUNKEN 227 (118.7)
LAWRENCEVILLE
GREATER CINCINNATI 221 kc 118.9, 126.18 mc
UNION 24
BETHEL
CINCINNATI 335 (116.1)
EASTWOOD 9
SHELBY
SILVER LAKE
PARIS
SHEPHERDSVILLE 18
BLUE GRASS
COOL MEADOW
LEBANON
GOODALL
CINCINNATI
ATLANTA
NASHVILLE 189
KNOXVILLE 191
PATTERSON AAF 396 (126.18)
379
TO TOLEDO
TO SPRINGFIELD
TO HUNTINGTON
TO TERRE HAUTE
TERRE HAUTE 55
COLUMBUS 59
STATUTE MILES
OVER

COLUMBUS

RADIO — OHIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CLINTON CO. (Wilmington)	272 (126.18, 140.58,116.1)	CA(ILS-W)(GCA)	(3); 126.18,137.7,116.1 Tr on 137.88 on req.
Clinton County (Wilmington) (Army)	201	K	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri.or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-DTV,86°, 1.9	(3);116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS-W)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°,25.0	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC (ILS)	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1
		[redacted]	
CHARLESTON	400 (KN)(116.1)	SBMRAZ-DTV	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-DTV.75°, 2.3	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-	
					MMK-	OMK-	
LOCKBOURNE (A)	109.9		3°	IM- (0.16)	MM- ·····(0.85)	OM-	--(4.29)
					MMK-	OMK-	
PORT COLUMBUS	109.5		95°	IM-	MM- -·-·-(0.65)	OM-	--(4.50)
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

Briggs (Zanesville)	6.4 NNE,RR W	780	18 S2	80 oct. Poles E.
Cambridge	2 N, RR W	800	27 L3 S2	73 oct.
Cedar Lawn (Kenton)	2.3 S, RR E	975	18 S2	80 oct. Poles E.
* Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N;riv W	640	30 S4	80,91 oct. Data not verified.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N,RR,riv E	800	28 S2	73, 80 oct.
Crabill (Springfield)	2.5 SE,RR E	1040	29 S6	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page W) (NC)-Not charted. → NEW OR REVISED DATA

OHIO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L4 S6	80,91 oct.Fld lgts prior req.
Grove City	1 S, RR W	860	21 S6	73,80 oct. No sto.Poles W.
Jones (Chillicothe)	7.2 SE,RR SW	720	20 S2	Ltd 80 oct.
Knore (Minford)	2 SE,RR W	670	20 S6	80 oct. No sto. Pwr line S.
Lancaster	2.5 E;RR N,SW	830	25 S4	80 oct. Poles E.
(A) Lockbourne AAB (Columbus)(A)	11.5 SSE,RR W	738	55h R3 L5 S5	73, 100 oct. JP-1. No range.
Magnolia	0.5 NW,RR SE	970	22 S1	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S2	80 oct.
Newark,2, CO-PG	3.5 SW,RR N	880	25 L3 S2	73 oct. 200' stacks S.
(P) New Philadelphia	2.5 SE,RR SW	885	36 S6	80 oct. Poles N,E,W.
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS (Columbus)	7 E, RR S	815	50h R3 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	14	Poles NNE; trees SSW.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW;riv S	538	24 L3 S6	80,91 oct. Lgtg fac not verified.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE. Rdo repairs.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S4	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,RR N	1050	27 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver.
Tri-Co. (New Holland)	3 ESE,RR N	350	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE,RR S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	960	13	
Woodsfield (NC)	1 W,hwy NE	1220	19	
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S1	80,91 oct.Pole line E. RR E.
Zaleski St. Forest Svc.	1 SSW,RR NW	705	22	(NC)
(P) Zanesville	6.2 E,hwys N,S	902	50h R1 L5 S1	80 oct. prior req.

[redacted] VIRGINIA

Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts emerg only.

NEW AIRPORTS

Logan (W.Va.)	7.2 NNW,riv E	630	15h S1	80 oct.Hill S,N.
Huntington (W.Va.)				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.
(P) Huntington (Chesapeake,Ohio)	2 WSW;riv S	560	29h R1 S6	80,91 oct.
Port Lancaster Corp. (Hooker,Ohio)	0.8 N;RR W	800	28 S1	80,91 oct.Hwy W.
Snook (Reynoldsburg,Ohio)	1.4 NE;RR N	980	21 S6	80 oct.P-line E;trees SW.

COLUMBUS 59

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS I: USABLE WITH CAUTION

DETROIT 45
TO FORT WAYNE
CEDAR LAWN
MARION
MAGNOLIA
+VOSS
MT. LIBERTY
WYNKOOP
NEW PHILADELPHIA
CLEVELAND CINCINNATI
CLEVELAND PITTSBURGH
COLUMBUS 391 (116.1)
COMMERCE
BRIGGS
GRIMES
OHIO STATE U.
SUMMIT STA
CAMBRIDGE
SPRINGFIELD
HILLIARD
SNOOK
RIVERSIDE
ZANESVILLE 263 (116.1) On request
CRABILL
SPRINGFIELD
CLICKENGER
PRICE
NORTON
NEWARK
GROVE CITY
SULLIVANT AVE.
ZANESVILLE
PORT LANCASTER
CROOKSVILLE
LANCASTER
LOCKBOURNE AAB 317 (126.1)
PORT COLUMBUS-NAS 270 (118.5, 126.1)
WASHINGTON
TRI-COUNTY On request
CLINTON CO. AAF 201
REED'S
MARIETTA
WOOD CO.
STEWART
CHILLICOTHE SKYPARK
OHIO U.
JONES
CLINTON CO. AAF 277 m (116.1, 126.1, 137.65, 140.55 m)
RESERVE PSYCHOMOTOR TRAINING AREA SHOULD BE AVOIDED AT ALL TIMES
CHERRY FORK
SHUMATE
RAVENSWOOD
KNORE
RAVEN ROCK
OHIO W. VA.
MAYSVILLE
OHIO RY.
ABKEN
ASHLAND
HUNTINGTON
CLARK
CHARLESTON 400 (116.1)
BOLLINGER
HUNTINGTON 236 (116.1)
LOGAN
W. VA. RY.
MORRIS
SCOTT
CINCINNATI ATLANTA
PAYNESVILLE 356
PRINCETON
KNOXVILLE 91 | CHARLOTTE 93

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALLEGHENY CO. Tower (Pa)	278 (126.18, 118.7)		AC	(4); 140.1,122.5,126 18
[Allegheny Co.](Pittsburgh,Pa)	5.3 S;RR NW	1251	57h L6 S6	80-100 oct.No ctc lgts.Rdo rec.rqrd
Allegheny Valley (Tarentum, Pa)	3.2 W;RR W	1125	24 S4	80 oct.
ALTOONA Range (Pa)(Blair Co.)	338(RF)(116.1)	203°,1.3	SBMRAZ-DTV	(4); 116.1
Altoona (Duncansville, Pa)	1 SW;RR E	1050	36 S4	73 oct.
Augusta (Waynesboro, Va)	6 WSW;riv SE	1420	24 S4	80 oct. Pole line SE.
Baker Arpk (Burlington,W.Va)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg,W.Va)	6 E;hwy S	1170	38h S6	80, 91 oct.
Blair Co., 24A, CO-PG (Martinsburg, Pa)	0.9 SE	1495	44h L4 S2	80, 91 oct.
* Buckstown Int,12B,WA-CV (Pa)	1 E;hwy S			ABANDONED.
Buford's (Montvale, Va)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
CECIL K Fac. (Pa)	219 (C)	265°,10.3	FMK	Pittsburgh.
CECIL FM (Pa)	(- - -)	265°, 10.3	FM	Pittsburgh.
(P) Connellsville (Pa)	4 SSW;hwy E	1250	34h S2	80, 91 oct.
Covington (Va)	1 NE	1500	20 S4	80 oct. Data unver.
Covington-Clifton Forge (Va)	6.5 E;hwy S	1115	24 S4	80 oct.
Cresson (Pa)	1 NE;RR W	2240	25 S2	80 oct. P-line S.
(P) Cumberland (Md)	2.5 S;riv N,S	780	58h L5 S1	80 oct. Mtns SW. Bcn inop.
Elk Garden (W. Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct.P-line NW.
ELKINS Range (W.Va)	281(EK)(116.1)	174°,2.9	SBMRAZ-DTV	(4); 116.1
(P) [Elkins] (W.Va)	2.6 S;RR W	1965	45h L5 S4	80,91 oct. No sto.
Forman (Terra Alta, W.Va)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
FRONT ROYAL Range (Va)	359(FZ)(116.1)		SBMRAZ-DTV	(4); 116.1
Glendale (W.Va)	0.5 WSW;bet. RR & riv	640	29 S6	80 oct.Trees N,S P-line S.
GORDONSVILLE Rng (Va)(Int.)	388(GJ)(116.1)	135°,2.5	SBMRAZ-DTV	(4); 116.1
Gordonsville (Va)	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* Gordonsville Int,51,NA-WA(Va)	5 SSE	438	31 L3	Pole line SW.
GREATER PITTSBURGH Tower	396 (126.18)+		CA	(3); 126.18
(A) Greater Pittsburgh (Pittsburgh, Pa) (A)	15 WNW;riv N	1145	55h L5 S4	100 oct. JP-1. No sto.
(A) Greenbrier AAF (White Sulphur Springs, W.Va) (A)	2 SW	1795	35h	
(P) Greene Co.(Waynesburg,Pa)	2.7 E;RR NW	1100	32 S6	80 oct.
Hamilton (Indiana, Pa)	2.5 E;hwy S	1440	26 S6	80 oct. P-line S.
Harrison City (Pa)	1.1 NW;hwy S	1230	17	Poles NW.
Hartman (Harrisonburg,Va)	1 NW	1350	22 S6	80,91 oct.
Herron (New Cumberland,W.Va)	4 NE;lake W	1250	17 S4	80 oct. Data unver.
Hinton (W.Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Springs, W. Va) (NC)	1 E;riv,RR S	1520	26	Hill W, E.
HOOKSTON FM (Pa)	(- - - -)	308°,32	FM	Pittsburgh.
Huntingdon (Pa)	1 S;riv NE	620	20 S4	80 oct. P-line W.
Ingalls (Hot Springs, Va)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
(P) Johnstown (Pa)	4.7 E;hwy N	2282	45h S4	80,91 oct.
Keystone (Ebensburg, Pa)	3 SW;RR NW	2100	23 S4	87 oct. Obst sur fld.
Latrobe (Pa)	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg (Pa)	1.6 ESE;hwy W	960	30 S6	73 oct. P-line N,NE.
Lewis (Buckhannon, W.Va)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills-sur fld.
Lexington (Va)	2.7 SW;hwy S	1200	17 S1	73 oct.P-line NE,SW.
(P) Louis Bennett (Weston,W.Va)	3.2 N;RR E	996	37	Hill S;pole line WNW.
LYNCHBURG Range (Preston	206(LB)(116.1)	165°,2.1	SBRAZ-DTV	(4); 116.1 (Va)
Marlinton (W.Va) [Glenn]	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW.
MARTINSBURG Range (W.Va)	209(MR)(116.1)	35°,2.9	BMRLZ-DTV	(4); 116.1
Mayer (Pittsburgh, Pa)	10 WSW;RR S	770	16 S4	80 oct.P-line S.
Mexico Farms (Cumberland,Md)	3 S;RR E	630	36 S2	80 oct. Mtns E.
Moorefield (W.Va)	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
MORGANTOWN Range (W.Va)	269(MG)(116.1)	173°, 5.6	BMRLZ-DTV	(4); 116.1
(P) Morgantown (W.Va.)	2.2 ENE;hwy NW	1254	36h L3 S6	80,91 oct.
MT. PLEASANT FM (Pa)	(- -)	124°,24.7	FM	Pittsburgh
Narrows (Va)	1 E;RR S	1550	20 S2	Ltd 80 oct.Trees W.
NEW ALEXANDRIA FM (Pa)	(-)	85°, 30	FM	Pittsburgh
New Alexandria (Pa)	1.5 ENE;hwy N	1200	18 S4	80 oct. P-line N.
Orange Co. (Orange, Va)	4 E;hwy S		26 S2	80 oct. Data unver.
* Petersburg Int,29,CC-WA(W. (W. Va)	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
PITTSBURGH Range (Pa) (Allegheny Co.)	254(PT)(116.1)	85°,2.2	SBRAZ-DTV	(3); 116.1
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct. (Pa)
Pittsburgh-Greensburg (Greensburg, Pa)	2.3 SE;hwy N	1280	26 L3 S6	80 oct.Twr W.No bndry lgts.
Pitt-Wilkins (Pitcairn,Pa)	1 NNW	1200	17 S2	80 oct.
PRESTON GLENN Tower (Va)	248		C	(4)
(P) [Preston Glenn](Lynchburg,Va)	6.7 SSW;RR SE	935	40h L5 S6	80, 91 oct.
Ridgeway (Bunker Hill,W.Va)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.P-line SSW
Romney (W.Va)	2.1 NNE;riv W	750	16 S2	80 oct.Mtns WNW,ESE,SSE
Ronceverte (W.Va)	2 N;hwy SE	2175	18 S2	80 oct.
Salix (Pa)	0.6 S;RR NW	2200	24 S4	80 oct.
Scott (Tiltonsville,Ohio) (NC)	1.5 SSW;riv E	650	25	
Shenandoah (Va)	0.5 SW;hwy W		19 S1	Data unver.
Somerset (Pa)	2 NNE;RR SE	2200	27 S4	80 oct.P-line W.
Star Valley Arpk (Charleroi,Pa)	2 S;RR W;riv E	765	25 S1	80 oct.Bldg S.Data unver.
Staunton (Va)	4.4 NE;RR NW	1300	26 S6	80,91 oct.P-line NNE.
Stokes (Front Royal, Va)	2.5 W;riv E	735	19 S2	80 oct. P-line S,E.
(P) Stultz (Altoona, Pa)	10.7 NNE;RR N	970	35 S6	80,91 oct.P-line N.Rnwy
SUMMERHILL FM (Pa)	(- - - -)	281°, 22	FM	Altoona data unver.
* Sutton Int,21,CC-WA (W.Va)	3.6 ENE;RR W	1264	32 L3	
Timberlake (Lynchburg,Va)	9.5 SW;RR N	950	26	
Toronto (Ohio)	1.5 NW;riv E	1050	22	
(P) University of Va.(Charlottesville, Va)	5 ESE;riv E	300	35 S6	80,91 oct. Trees ESE.
Valley (Waynesboro, Va)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy
Vandergrift (Pa)	2 WNW;RR E	1000	21 S2	73 oct.P-line NW data unver.
Weirton (Hollidays Cove,W.Va)	1.5 E	1144	16h S6	80 oct. Data unver.
(P) Wheeling Ohio Co. (W.Va)	7.5 NNE;riv W	1190	50h L5 S1	80,91 oct.
Winchester (Va)	3 SSE;hwy E,S	700	22 S6	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALLEGHENY CO.			95°	IM-	MM-	OM-
					MMK-201 ·—·—· (0.80)	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bedford, (Pa.)	5.2 N jct of hwys	1187	18 S4	Fuel.Data unver.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

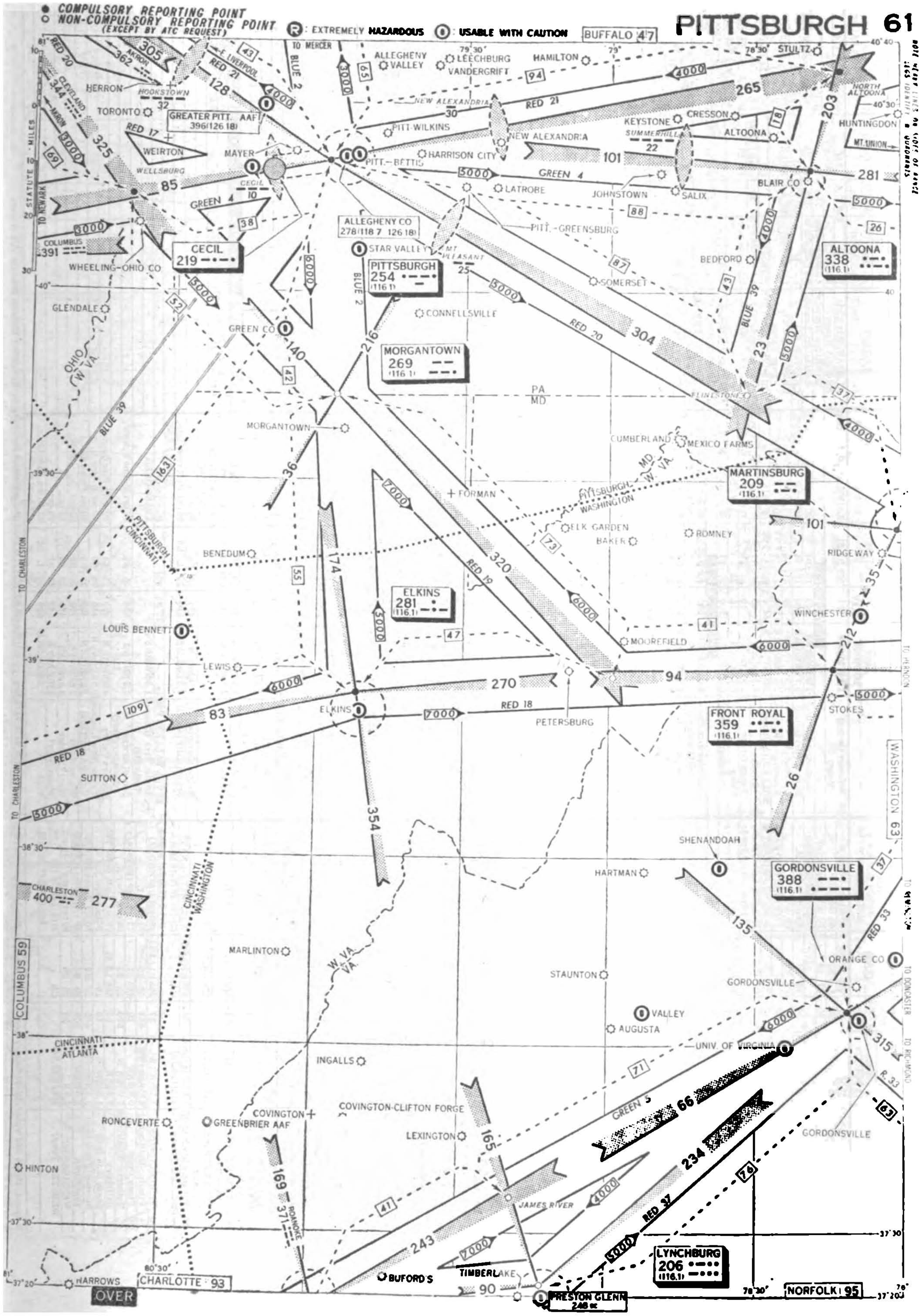
+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page ii).

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

PITTSBURGH 61

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION

BUFFALO 47



DELAWARE

FACILITY	ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Bellanca (New Castle)	1.5 W	30	25h L1 S5	80,91 oct. Poles N.
Biggs (New Castle)	1 NW; riv SE	60	21 S2	80 oct. Riv S.
Bridgeville	1.5 S	20	27 S6	80 oct. Data unver.
→ DOVER Tower				DECOMMISSIONED
Dover	1.4 ENE	34	19 S2	80 oct. P-line N.
Dover Arpk.	2.2 N; rd W	37	25 S2	80 oct.
(A) Dover AAF (A)	4 SE; hwy E	28	70h	TMP INACT. NO FACS
DuPont (Seaford) (NC)	0.8 WSW; RR NE	25	21	Poles NE. PRIV. RST'D
DUPONT Tower	388		CI	3105, 3117.5, 5582.5 (8-20 daily except Sun.)
DuPont (Wilmington)	3 WNW; RR E	185	29 R1 L4 S4	80 oct. No sto.
(P) Georgetown	1.5 E; RR NW	51	50h	
Harrington	1.8 E; RR W	50	25 S2	80 oct.
Holly Brook (Laurel)	1.5 N; RR, hwy W	40	25 S1	80 oct.
Laurel	1.5 SW; hwy E	30	19 S2	80,91 oct. P-line SE.
NEW CASTLE Range	350 (NC)	19°, 2.8	MRLZ	
NEW CASTLE Tower	219 (118.5)		CI	(4); 116.1, 118.5, 122.5
(NG) New Castle County (Wilmington)	4.8 SW; hwy SE	75	70h R2 L5 S1	80,91 oct.
Rehoboth Beach Aircrafters	2.5 W; hwy N	10	35 L S6	80,91 oct. Obsts sur fld. Port rnwy lgts.
Sussex (Frankford)	1.5 N; hwy W	30	20 S4	80 oct. Port flares on req.

DIST. OF COLUMBIA

WASHINGTON Range	332 (WA) (116.1)	25° 0.9	SBRAZ-DTV	(3); 116.1

MARYLAND

Aberdeen Arpk.	1 SW		21 S4	80 oct. Data unver.
Aldino (Churchville)	2.2 NE; RR SE	400	20 S6	80 oct.
Andelot (Worton) (NC)	4 WNW; bay W	25	20	Trees N.
ANDREWS Range (Camp Springs)	248 (DCM)	10°, 1.2	MLZ	
ANNAPOLIS Tower	2870 (142.74)		CN	3105, 2870, 6420; 142.74 (7-17)
Annapolis	2 SE		18h S4	80,91 oct. No sto. Data
BALTIMORE Range	257 (BO) (116.1)	12°, 2.4	BMRLZ-DTV	(3); 116.1 unver.
BALTIMORE Tower	278 (118.9)		C	(4); 118.9, 122.5
(NG) [Baltimore Mun.]	6 SE; RR NE	14	46h R2 L5 S6	80,91 oct.; 100 oct. prior req. Rdo rqrd. Stacks
BELTSVILLE FM	(-)	41°, 17.6	FM	Washington, D.C. N, SE
C.A.P. Base (Westminster)	2.6 N; hwy E	780	20 S4	80 oct. P-line E, NE.
Delmarvia (Salisb'y)	2.8 NE; hwy W	45	21 S6	80 oct. P-line N, E, NE.
DONCASTER FM	(. . - - -)	209°, 24.7	FM	Washington, D.C.
(P) Easton	2.2 N; RR E	66	40h L S4	80 oct. No sto. Port lgts.
(A) Edgewood Arsenal (A)	1.3 S	18	50h L5 S4	91,100 oct. No bcn. CLSD
Faybrook (Rock Hall)	1.5 NNW; bay W	20	14 S4	80 oct. Trees WNW, NNE
Frederick City	1.8 E; riv N, E	305	49	(Frederick)
Glenburnie-Whipp Seaplane Anchor.	1 E; hwy W	56	26 S6	80 oct.
Hagerstown	4.2 N; RR W	700	39h L3 S4	80 oct. Fld lgts prior req.
* Hickman (Ocean City)	7.5 NW; riv S	15	25 S4	80,91 oct. Flares
Kent (Worton)	1 N; RR S	60	23 S2	80 oct. on req.
Lee Annapolis (Annapolis)	4.8 WSW; hwy E	30	28 S1	73 oct. P-line ESE. Rnwy data unver.
MARTIN Tower	317		CI	(4) (8-sunset, Mon-Fri)
Martin (Baltimore)	10 E; RR N	18	70h R1	PRIVATE.
MEEKINS NECK FM (Navy)	(-)	57°, 16	FM	Patuxent River.
→ PATUXENT RIVER Navy Range	215 (NHK)	57°, 4.4	MRLZ-D	(3); 142.74
PATUXENT RIVER Tower	347 (142.74)		CN (GCA)	(3); 142.74
(N) Patuxent Riv. NAS (N)	2.9 NE Jarboes	38	97h R2 (L6) S4	91,100 oct. JP-1. NATS.
→ PHILLIPS Tower	215 (126.18)		CA	(3); 126.18 (8-18 Mon.-Fri. 8-1630 Sat. & Sun)
(A) Phillips (Aberdeen)	3.2 S; RR W	57	50h R1 L5 S1	100 oct. CLOSED. (A)
Pimlico (Baltimore)	6 NW; hwy SW	449	32 S6	91,80 oct.
(N) Piney Point	0.8 WNW	10	14h S1	73 oct. Use rnwys only
Rutherford (Baltimore)	7 W; RR W	500	23 S6	80 oct. Twr N.
* Salisbury	5.3 ESE	52	50h L5 S1	91 oct. Lgts prior req.
Shady Side (NC)	1.8 SSW	10	15	P-line SSW. RR W
Stevens (Frederick)	5.8 N; hwy E	440	28 S6	80 oct. Trees SW, S, W.
Taneytown	2.9 WNW	500	20 S4	80 oct. P-line S, SW, W
Webb (Easton)	2.5 E	50	26 S6	80 oct. No sto. P-line S,
WEBSTER Tower	3345 (142.74)		CN	3105; 142.74 (24 hrs. advance notice) SE

MARYLAND

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(N) Webster (Priest Point) (N)	1.5 W Ingoes	21	50h R1 S1	Ltd 100 oct. JP-1 on req

NEW JERSEY

Alexandria (Pittst'n)	2 WNW; lk NE	340	18 S4	80 oct. No sto. Trees
Buck's (Bridgeton)	3.7 NNE; RR S	100	18 S4	80 oct. P-line S, W, ENE
Greenwich	2.5 W; riv SW	30	21 S6	73,80 oct. Trees N.
Kroelinger (Vineland)	2.5 NNW; RR E	100	19 S6	80 oct. P-line S, E
MILLVILLE Range	365 (NV) (116.1)	144°, 4.3	SBRA-DTV	(4); 116.1
(P) Millville	3.3 SW; lk N	68	50h R1 L5 S6	80,91 oct. Fld lgts on req.
Penns Grove	3 SE; riv W	10	22 S2	73 oct. P-line W, SSW.
Salem	2 ESE; rd S	15	22	CLOSED.
Woodstown (Auburn)	1.5 SSE; RR E	100	20 S1	80 oct. P-line N, NE.

PENNSYLVANIA

[Allentown-Bethlehem] (Allentown)	4.6 NNE; RR NW	380	40h R1 L5 S6	80,91 oct. Use rnwys only. Fld lgts pri. req.
Berks (Reading)	4.5 NW; hwy SW	360	23 S4	80,91 oct. Hill NW.
Bethlehem-Easton (Easton)	4.5 SW; riv S	360	23 S6	80,91 oct. No sto. P-line sur fld.
BOOTHWYN FM	(- - -)	260°, 9.5	FM	Philadelphia.
Cargill (Granville)	1.5 SW; RR SE	490	23 S2	73 oct. Obsts sur fld.
CARLISLE FM	(- - - -)	284°, 18	FM	Harrisburg.
Carlisle	1.8 WSW; RR N	480	23 S2	80 oct.
Centerville (Carlisle)	11.3 SW; RR N	660	23	Trees E, NE. (NC)
Chambersburg	1.2 SSE; RR SW	650	22 S6	80 oct. E/W strip rough
Coatesville	1.6 W; RR S	623	26 L1 S4	80 oct. Obsts sur fld.
Convair (Allentown)	3 SSW	399	40h	
Devener (Hanover)	2 NNE; hwy W	590	20 S6	73,80 oct.
Doersom (Gettysb'g)	2.4 NW; RR N	590	19 S6	73 oct. Pwr line NE.
Estler (Mohrsville)	3.5 W; pond W	390	22 S6	Ltd 80 oct. Trees W.
Fogelsville	0.7 E; RR SE	460	22 S4	80 oct. No sto. P-line SW
Gettysburg	2.8 NNW	600	24 S3	80 oct. No sto. RR SW.
HARRISBURG Range	242 (HX) (116.1)	118°, 1.1	SBRAZ-DTV	(3); 116.1
HARRISBURG Tower	278		C	(4); 116.1, 122.5
(N) [Harrisburg State]	3.5 S; RR N	344	40h R2 L5 S4	80,91 oct. Svcg days
Hershey	1.1 NNW; RR S	415	21 S2	80,91 oct. NATS
Kutztown	1.5 S; RR SE	400	25 S4	73 oct.
Lancaster	1.5 NNW; RR SW	320	26 S6	73,80 oct. Pwr line W
Lancaster, 35, CO-PG	5.5 N; hwy W	385	27h L4 S4	80 oct. Poles S, WSW.
Layfield (New Hanover)	2 NE; hwy W	320	17 S6	80 oct. Trees NE.
Lebanon Co. (Myerstown)	1.8 W; hwy S	525	17 S5	80 oct.
Lewistown	4 SW; riv SE	560	19 S6	80 oct. Wded hill NW.
Madeira (Reading)	3.2 N; RR W	360	20 L S6	80 oct. Port flood lgts.
MIDDLETOWN FM	(- -)	118°, 9	FM	Harrisburg.
Millard (Annville)	1.5 SW	480	18h S5	80,91 oct.
(P) Mount Union	4 S; hwy E	560	30 S4	80 oct.
New Hanover	0.5 W; hwy SE	320	30 S6	80,91 oct. Rnwy data unver.
OLMSTED Tower	396 (126.18) +		CA	(4); 126.18
(A) Olmsted (Middletown) (A)	1 W; RR N	300	50h R1 L5 S6	62-100 oct. JP-1. Poles N, NE. Riv S.
Penn-Harris (Harrisburg)	4 ESE; RR N	400	18 L S6	80,91 oct. Flood lgts.
PHILADELPHIA Rng (Southwest)	266 (PG) (116.1)	97°, 3	SBMRAZ-DTV	(4); 116.1
Philadelphia Main Line (Paoli)	2.8 WNW; hwy S	310	21 S4	No fuel. P-line ESE.
Pottstown	4.5 E; hwy N	311	30 S6	80 oct. Bldg NW.
[Reading]	3 NW; riv E	342	52h L6 S6	B-2 lgts prior req. ARMY TMP INACT. CIVIL FACS.
Reigel (Campbellt'n)	1 N; hwy N	475	20 S4	80 oct.
Schuylkill (Pottsv'l)	8.3 ESE; lk SE	510	29 L S6	80 oct. Port rnwy lgts. Hills E, NE, SW
SEVEN VALLEYS FM	(- - -)	172°, 25	FM	Harrisburg
→ Smilin' Jack (Douglassville)	1.3 NW; RR S			ABANDONED
Sunset Arwys (Chambersburg)	3.5 NNE; rd E, S	650	25 S1	80 oct. P-line E, NNW.
Swatara Valley	4 WSW; RR N	480	21 S4	80 oct. (Pine Grove)
Taylor (New Kingston)	0.5 SE; hwy N	440	28 S6	80 oct. P-line N.
Valley Arpk (York)	3 ENE; RR N	420	21 S6	80 oct. Poles SSE,
Waynesboro	3 SE; hwy N	700	20h S6	80 oct. NNW.
West Chester	2.5 NE; lk S	470	32 S4	80 oct.
Womelsdorf	3 NW; hwy E	540	13 S1	73 oct.
York	8.3 WSW; RR E	500	19 L S6	73,80 oct. Flood lgts. Pole N.

VIRGINIA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALEXANDRIA LFM	(- - -) 209°, 2.4		LFM	Washington, D.C.
ARCOLA Range	233 (EC)		SMRAWZ	
Blue Ridge (Herndon)	4 WSW; hwy NE	280	30	P-line E.
Central (Richmond)	2.5 ENE; RR W	172	45 S6	80 oct. Poles WNW, SE.
CHESTER FM	(- -) 218°, 9.15		FM	Richmond
CHINCOTEAGUE Navy Range	227 (NKZ)	98°, 4.5	MRLZ	3105, 4495; 142.74 (V-7-24)
CHINCOTEAGUE Twr	3295 (142.74)		CN	(3); 142.74 (8-17)
(N) Chincoteague NAAS	4.5 WNW; hwy S	38	60h R2 L5 S4	100 oct. (N)
Currell's (Weems)	1 N; jct or rivs		17 S1	80 oct. P-line SE. Use strips only. Data unver.
DAHLGREN Tower	375 (142.74)		CN	(3); 142.74 (8-16 except Sun.)
(N) Dahlgren NAF Proving Grnds. (N)	0.5 E	20	40h R1 L5 S2	100 oct. CLSD.
DAWN FM	(- - - -)	3°, 25.1	FM	Richmond
Harcum (NC)	0.2 NW	85	40	Poles. Rnwy data unver.
Hermitage (Richm'd)	3.2 NNW; RR W	200	20 S6	80 oct. Trees, poles E, W
HERNDON FM	(- - - -) 317°, 21.8		FM	Washington, D.C.
Hummel (Greys Pt.)	3 NE Harmony	30	21	Obsts sur fld. (NC)
Johnson (Ononcock)	1 ESE; RR E	34	22 S1	80 oct.
Kellam (Weirwood)	0.3 SW; RR E	15	20 S1	73 oct. Trees NE, SE.
Leesburg Arpk.	0.7 ESE	280	26 S6	80 oct. P-line NE.
* Lively Int, 6, NW-WA	3.4 WSW; riv W	15	34 L3	35' trees, bldgs NW.
Manassas	2.7 NW; RR S	250	21	P-line SW, SSE.
(P) Melfa Flgt Strip	1.3 W	48	70h	
Midway (Chester)	2 E; hwy S	178	26 S2	80 oct. 20-50' trees E.
* Milford Int, 49B, AG-LG	1.5 S; RR W			ABANDONED.
→ MT. VERNON FM	(. . - - -) 209°, 8.2		FM	Washington, D.C.
MT. VERNON K Fac.	269 (W) 209°, 8.2		FMK	Washington, D.C.
Northfield (Richm'd)	3 N; hwy W	197	20 S4	80 oct.
Parksley	0.6 WNW	25	18 S4	80 oct.
QUANTICO Navy Range (MCAS)	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
RICHMOND Range	260 (RW) (116.1)	20°, 1.9	SBRAZ-DTV	(3); 116.1
RICHMOND Tower	396 (126.18, 118.7)		AC (ILS-W)	(4); 122.5, 118.7, 126.18
(A) [Richmond AAB] (A)	7.3 ESE; RR S	167	50h R3 L5 S4	73,100 oct.
Shannon (Fredericksburg)	1.6 SSE; riv E	50	23 S6	80 oct.
(A) Tappahannock Flgt Strip (A)	0.8 W	30	40h	8000' strip avail. CLOSED.
(P) West Point	2.3 ESE	24	50h S4	80,91 oct. Riv SSW.
Zieger (Warrenton)	3.7 S; hwy NE	440	20 S2	80 oct. Hill W, NW.

WEST VIRGINIA

(P) Martinsburg	4 S; hwy W	550	50h R1 L5 S6	80,91,100 oct.
North End (Martinsburg)	2.5 NNE; RR W	515	28 S2	80 oct. Pole line N.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
RICHMOND AAB	109.9		63°	IM- (0.17)	MM- ..... (0.90)	OM- -- (4.36)	
					MMK-	OMK-	
				IM-	MM-	OM-	
					MMK-	OMK-	

NEW FACILITIES

Emmaus (Penna)	0.5 NW		20 S4	80 oct. Data unver.
Grimes (Bethel, Pa.)	1.7 ENE; hwy S	582	29 S6	80,91 oct. No sto. Mtn NE

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page v)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

WASHINGTON 63

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓞ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "R" QUADRANTS.

SYRACUSE 49
HARRISBURG 242 (116.1)
HARRISBURG STATE 278
OLMSTED AAF 396 (126.18)
ALLENTOWN 320
ALLENTOWN-BETHLEHEM
FOR DETAILS IN THIS AREA SEE CHART 65
PHILADELPHIA 266 (116.1)
NEW CASTLE CO. 219 RC 118.5 MC
DU PONT 388
NEW CASTLE 350
PHILLIPS AAF 215 (126.18)
BALTIMORE 278 (118.9)
BALTIMORE 257 (116.1)
MILLVILLE 365 (116.1)
WASHINGTON 332 (116.1)
ANDREWS AAF 248
NAF. ANNAPOLIS 2870 (142.74)
NAS. PATUXENT RIVER 215 Ⓡ
NAS, PATUXENT RIVER APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.
MCAS. QUANTICO 203
NAF. DAHLGREN 375 (142.74)
NAS. PATUXENT RIVER 347 (142.74)
NAAS, CHINCOTEAGUE 227
NAAS, CHINCOTEAGUE 3295 RC 142.74 MC
RICHMOND AAB 396 (118.7, 126.18)
RICHMOND 260 (116.1)
NORFOLK 95

OVER

RADIO

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
DIST. OF COLUMBIA				
ANACOSTIA NAS Tower	396(142.74)		CN	(3);142.74(7-sunset & on req.)
BOLLING Tower	212(126.18, 137.88)+		CA	(3); 126.18,137.88
WASHINGTON Range	332(WA)(116.1)	25°, 0.9	SBRAZ-DTXV	(3); 116.1
➤ Washington Nat'l. Tower	278 (126.18, 118.5)		AC (ILS-W)	(4);118.5,126.18,122.5 (GCA test basis)
MARYLAND				
ANDREWS Army Range	248(DCM)	10°, 1.2	MLZ	
Andrews Tower	317 (126.18)+		CA(ILS-W)(GCA)	(3); 126.18
BELTSVILLE FM	(-)	41°, 17.6	FM	Washington, D.C.
DONCASTER FM	(. . - . - .)	209°, 24.7	FM	Washington, D.C.
PENNSYLVANIA				
BOOTHWYN FM	(- - -)	260°, 9.5	FM	Philadelphia.
HOLMESBURG LFM	(- - -)	238°, 6.5	LFM	NE Philadelphia
JOHNSVILLE Tower	284(142.74).		CN	3105 cont.;4495,6210;116.1, 126.18,140.58,142.74 on req. (8-1/2 hr. past sunset)
MUSTIN NAAF Tower	251 (126.18, 142.74)		CN	(3); 126.18,142.74 (7-sunset, other hrs. on req.)
PHILADELPHIA SW Range	266(PG)(116.1)	97°, 3.0	SBMRAZ-DTV	(4); 116.1
➤ Philadelphia SW Tower	278 (118.1)		C	(4); 118.1
➤ Philadelphia NE Range	371 (NF)	238°, 2.8	MLWZ-DT	
Philadelphia NE Tower	212		CI	(4)
WILLOW GROVE Navy Range	391 (NXX)	241°, 3.35	MRLZ	(3); 142.74
Willow Grove NAS Tower	356 (142.74)		CN	(3); 142.74 (days only except on 1 hr's advance notice)
WINGS Tower	278		CI	3105 (9-17)
VIRGINIA				
ALEXANDRIA LFM	(- - -)	209°, 2.4	LFM	Washington, D.C.
HERNDON FM	(- - - -)	317°, 21.8	FM	Washington, D.C.
MOUNT VERNON	269 (W)	209°, 8.2	FMK	Washington, D.C.
MOUNT VERNON FM	(. . - . -)	209°, 8.2	FM	Washington, D.C.
QUANTICO Navy Range	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
Quantico MCAS Tower	3295 (142.74)		CN	(3); 142.74

NEW RADIO FACILITIES

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WASHINGTON	109.9 •–– •–	333.8	360°	IM- ••••••(0.03)	MM-	OM-	––(3.80)
					MMK-	OMK-	
ANDREWS (A)	110.3 ••– ––••	335	10°	IM- (0.05)	MM- (1.20)	OM-	
					MMK-379 ––•– (1.20)	OMK-	

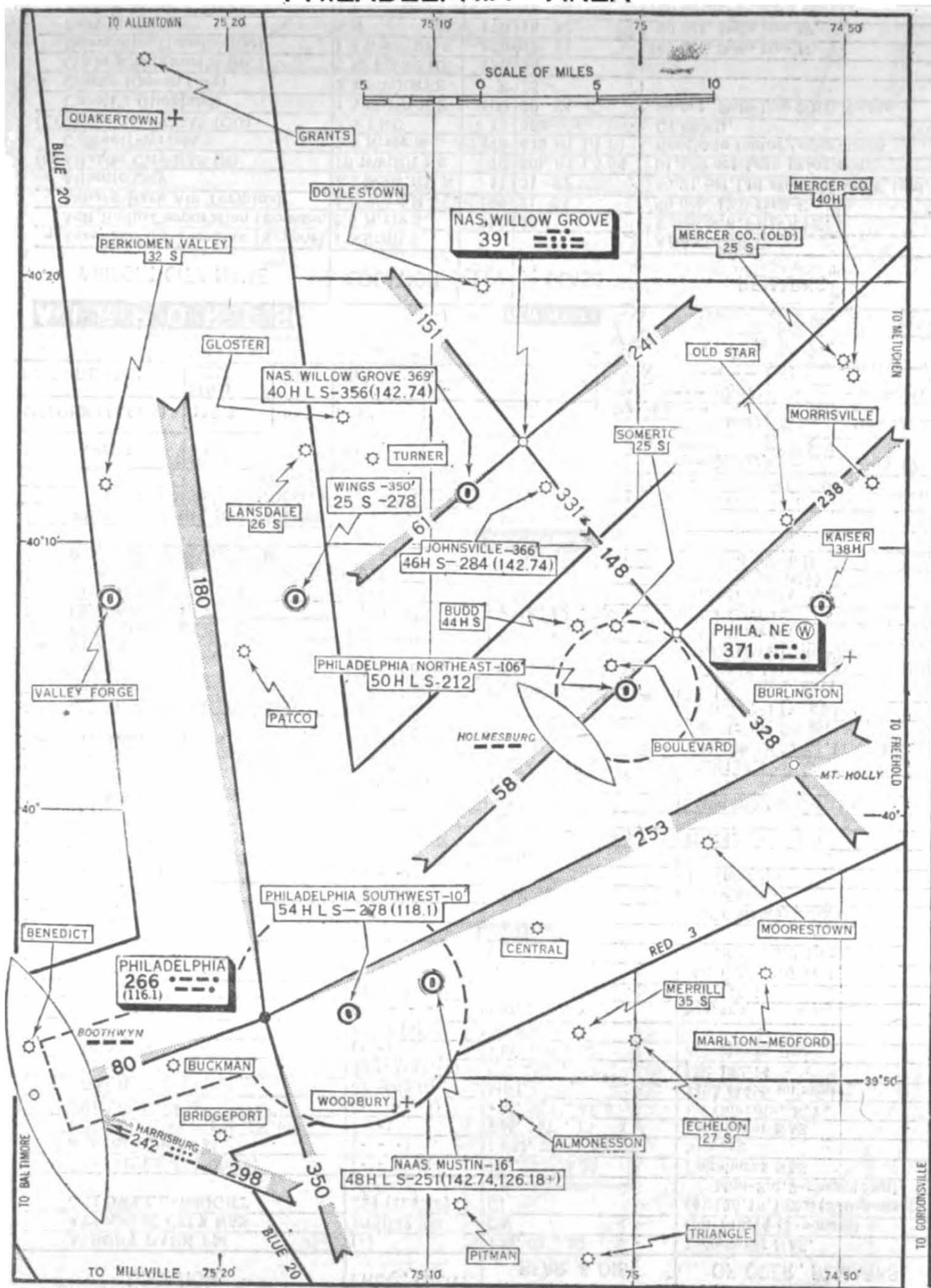
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

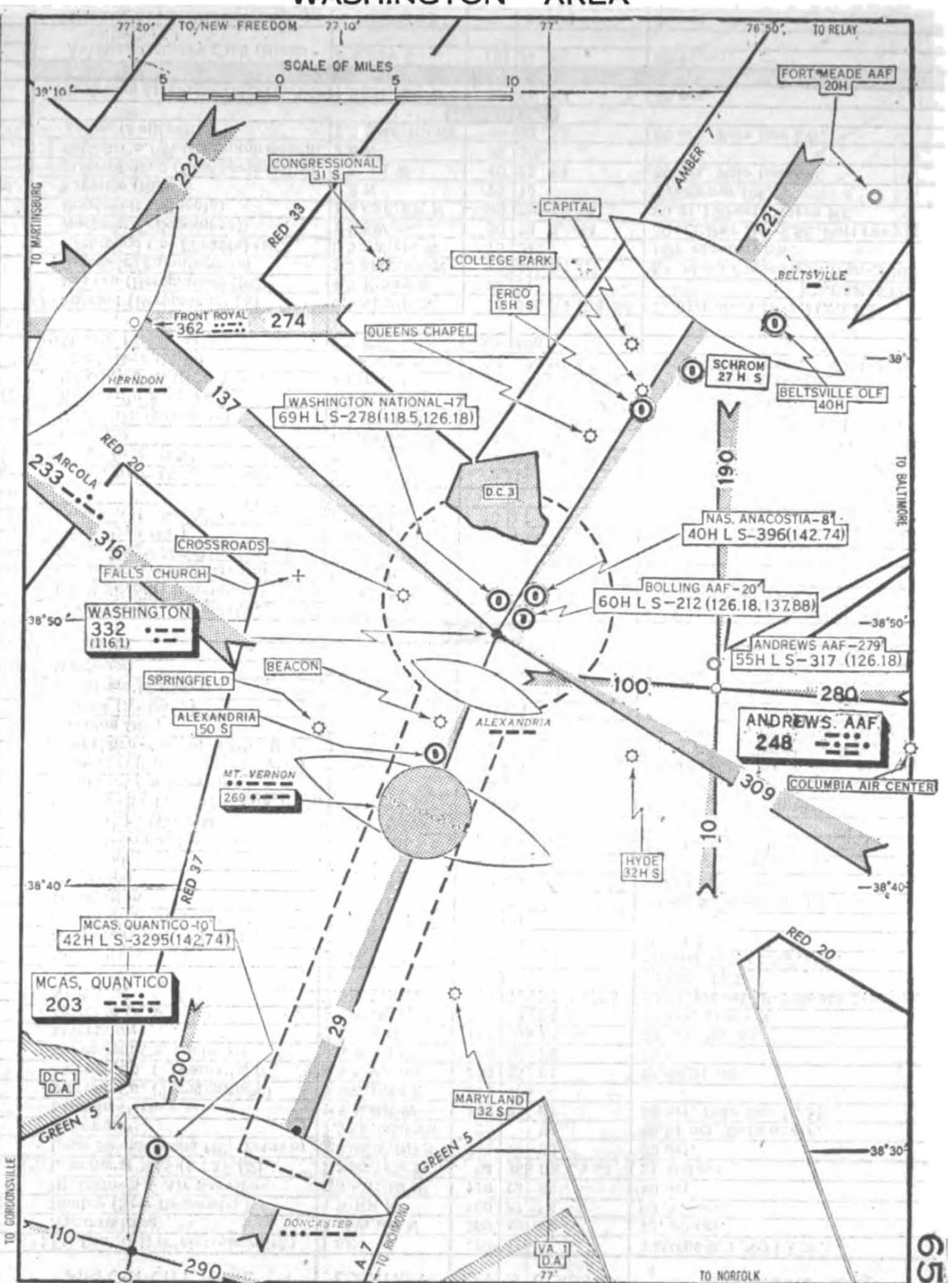
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
DIST. OF COLUMBIA				
(N) Anacostia NAS (Washington) (N)	2.4 SE of Monument	8	50h R1 L5 S4	100 oct. No bcn.
(A) Bolling (Washington) (A)	3 SSE of Monument	20	60h R1 L5 S6	73,100 oct. Ridge E.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct. JP-1 on req. FOREIGN CLEAR. STN. NATS
MARYLAND				
(A) Andrews (Camp Springs)(A)	1.5 E	279	55h R3 (L6) S4	80, 100 oct. JP-1.
(N) Beltsville OLF (N)	5 ESE	180	40h	Fld open 0900-1530 daily
Capital (Berwyn)	2 NW; RR E	70	20 S4	80 oct. Pole line S.
College Park	8.5 NE of D.C.	50	22 S6	80 oct. Hill SE. RR NW.
Columbia Air Ctr. (Croom)	3 E; RR W	40	20	Trees N, NNW.
✓ Congressional (Rockville)	2 SSE; hwy E	450	32 S6	80 oct. Pole line E, NE.
Curtis (Brandywine)(NC)	3 SSW; RR E	200	18	Pole line N, W.
Erco (Riverdale)	0.4 NE; RR W	50	15h S1	80 oct. Trees E, NE, SW.
(A) Fort Meade (A)	0.5 NE ctr of reservation	180	20h	
Hyde (Clinton)	2 WSW	249	32h S6	80, 91 oct. Trees WNW, NE.
Maryland (Pomonkey)	0.2 S; RR S	170	32 S6	80,91 oct. Rnwy data unver.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct.
Schrom (Greenbelt)	0.3 SW; hwy W	177	27h S6	80 oct. Trees NW, SE.
NEW JERSEY				
Almonesson	0.6 NNW	50	18 S6	73 oct. Pole line NNE, SSE.
Bridgeport	0.8 ESE; RR N	23	18 S4	80 oct.
Burlington Airpark	1.7 NE		24 S4	80 oct. No sto. Data unver.
Central (Camden)	1.8 E; riv S,W	20	25h L4 S4	80,91 oct.
Echelon (Ashland)	0.5 SE; RR W	100	27 S6	80, 91 oct. Pole line NW.
Marlton-Medford Inc. (Marlton)	1.5 ENE	80	30 S2	80 oct.
Mercer County, new (Trenton)	5 NW; RR SE	211	40h	
Mercer County, old (Trenton)	5.8 NW; RR E	200	25 S1	73, 80, 91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35 S6	80 oct. No sto. Obsts sur fld.
Moorestown	1 NNE; RR S	70	18 L S4	80 oct. Port. runway lgts on req
Pitman	1.6 NNW; RR E	100	17 S6	80 oct. Pole line S, SSW.
Triangle (Glassboro)	4.3 ENE	150	18 S2	80 oct. Pole line SW.
PENNSYLVANIA				
Benedict (Chester)	6.5 W	400	26 S2	80 oct. Data unver.
Boulevard (Philadelphia)	12 NE; RR SW	160	22 S4	80 oct. Obsts sur fld.
Buckman (Chester)	2.3 WSW; RR NW	90	20 S4	80 oct. No sto.
Budd (Philadelphia)	12.5 NE; RR N	240	44h	
Doylestown	1.5 NNE; RR SW	400	22 S6	80 oct.
Gloster (Montgomeryville)	0.7 SE; hwy W	460	22 S1	80 oct. Pole line SE, S, W.
Grants (Quakertown)	4 WNW; hwy E	600	18 S6	80 oct.
(N) Johnsville (N)	0.8 NW; RR E	366	46h R1 S4	91,100 oct.
Kaiser (Bristol)	2 N; riv SE	35	38h	Pole line SW. RESTRICTED.
Lansdale	1.6 ESE; hwy SE	450	26 S6	80,91 oct. No sto. Poles NE.
Morrisville	1.6 W; riv E	180	28 S4	80 oct.
(N) Mustin NAAS (Philadelphia)(N)	4 S; riv S	16	48h R1 L5 S6	100 oct. Pole line NE.
Old Star (Langhorne)	2.4 E; RR N	180	24 S5	80 oct. No sto. Poles N, S.
Patco (Norristown)	2.5 SE; bet RRs	200	19 S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE; rds NE	280	32 S6	80 oct. Obsts sur fld.
(P) Philadelphia Northeast	12.2 NE; hwy W	106	50h R2 L5 S1	80,91 oct. Rdo rqrd.
PHILADELPHIA SOUTHWEST	6.5 SW; riv SW	10	54h R2 L6 S6	82,91 oct. Rdo rec rqrd.
Quakertown	2 W; hwy E	511	21 S6	80 oct. Data unver.
Somerton (Philadelphia)	14 NE; RR N,E	200	25 S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW; riv NW	250	24 S6	80 oct. Riv SE.
(N) Willow Grove NAS (N) NATS	4 NNW; hwy E	369	40h R2 L5 S4	91,100 oct. No sto.
Wings (Ambler)	3 WSW; rds E,W	350	25 R1 S6	80,91 oct. Trees N,S.
VIRGINIA				
Beacon (Alexandria)	3 SSW; hwy E	240	24 L1 S6	80 oct. No sto. Pole line S.
Crossroads (Alexandria)	4.5 NW; RR E	250	20 S1	Ltd 80 oct.
Falls Church Airpark	1.9 SW	350	26 S6	No sto. Data unver.
Hybla Valley (Alexandria)	See Alexandria under "New Airports" - name changed.			
(N) Quantico MCAS (N)	1.2 SSW; RR W	10	42h R2 L5 S6	73,91,100 oct.
Springfield (Annandale)	3.5 SSE; RR E,N	240	20 S4	80 oct. No sto. Obsts sur fld.
NEW AIRPORTS				
Woodbury (N.J.)	2 S		20 S4	80 oct. Data Unver.
Alexandria, (Va.)	4.5 SSW; hwy E	66	50 S6	80 oct. Trees, pole lines sur field.
Turner (Lansdale, Pa.)	4.2 ESE	375	19 S6	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV). NC-(not charted). ➤ NEW OR REVISED DATA

PHILADELPHIA AREA



WASHINGTON AREA



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION

OVER

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY IN QUADRANTS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

RADIO

NEW JERSEY

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
ATLANTIC CITY NAS	275(142.74)	CN	(3): 142.74 (8-sunset)
CALDWELL-WRIGHT	254 (126.18)	CI	(4);126.18,122.5 (830-sunset, Mon-Sat,9-sunset Sun)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 222°, 47.5	La Guardia, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. . - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV;58°,1.0	(3); 116.1
Newark Airport	278(126.18,118.3)	AC(ILS-W)	(4); 122.3,126.18.118.3
TETERBORO (Bendix)	326	CI	3105,6210,3117.5;122.5

NEW YORK

➤ CLASON POINT LFM			DECOMMISSIONED
FLATBUSH	353 (F)	FMK, 222°,16.1	La Guardia
FLATBUSH FM	(- - -)	FM, 222°,16.1	La Guardia
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	388(142.74)	CN(GCA);122°,1.9	(3);142.74 (8-17)
Floyd Bennett Fld NAS	532	K	
GRUMMAN (Bethpage,L.I.)	323	CI	(8-1630,Mon.-Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°,2.3	
LA GUARDIA (New York)	209(LG)(116.1)	SBRAZ-DTXV;222°,3.2	(3);116.1
➤ La Guardia Field	362(126.18 118.1,118.7	AC (ILS-W)	(4);126.18,118.1,118.7,122.5, & airline freqs.
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays)
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAPZ-DT;301°,3.2	(3)
Mitchel Field	396(126.18) +	CA(ILS-W)(GCA)	(3);126.18(approach control)
➤ NEW YORK (La Guardia)			DECOMMISSIONED
NEW ROCHELLE FM	(-)	FM, 42°, 5.6	La Guardia
NEW ROCHELLE	275 (R)	FMK, 42°, 5.6	La Guardia
PORT CHESTER FM	(- -)	FM; 42°, 16.5	La Guardia
REPUBLIC FIELD(Farmingdale)	371	CI	(3) (days only)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5.0	Floyd Bennett

PENNSYLVANIA

PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.8	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
➤ LA GUARDIA	109.9	333.8	44°	IM- ••••••(0.04)	MM- •-•-(0.81)	OM- --(4.49)
					MMK-233 --•	OMK 317 -•-•
MITCHEL(L6)(A)	110.3	335	301°	IM- (0.04)	MM- ••••••(0.87)	OM- --(4.14)
					MMK-257 --	OMK-272 --•
➤ NEWARK (L6)	110.3	335	58°	IM-	MM- •-•-(0.61)	OM- -- (4.64)
					MMK-201 -•-•	OMK-

S-Simul Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. F—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
➤ Aero-Marine Terminal (Keyport)	1 NE;RR S			ABANDONED.
Acft.Radio Corporation (Boonton)	2.6 N;riv S	550	32	Poles N,E.PRIVATE.
Asbury Park Air Terminal	4.5 W;rd N	100	21 S4	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	91,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N,E	100	20 S4	80 oct. Pole line NNE.No sto.
Clarke (Ocean City)	2.8 SW;RR SE	8	23	
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	
Downstown (Landisville)	1.8 WNW;RR S	120	23 S1	80 oct. Pole line N.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct,Rnwy data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC (not charted). ➤ NEW OR REVISED DATA

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMPINACT.NO FACS.
Hackettstown	2 SSW;RR N	560	30 S2	73, 80 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S4	91,100 oct.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.5 SE;lake NW	26	S4	80,91 oct. Data unver.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	40h	
Mercer Co. (Trenton)(old)	5,8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;rd E	180	30 S5	80 oct.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto.
Murchio (Paterson)	1.5 WNW;rd N	350	32 S4	80 oct, Trees N.
(A) NEWARK	3.5 SSE;RR E	10	79h R3 (L6) S6	80,91,100 oct.JP-1.No sto.2-way rdo rqrd. FEE
North Brunswick	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.5 W,RR S	380	19	Poles N.S.
Ocean Co. (Adamston) (NC)	1 SW;riv N	14	21	Obsts sur fld.
Pennington	2 ESE;RR W	230	20 S6	80 oct.No sto.Pole line ESE.
Princeton	3 N;riv E	160	27	Pole line E.ESE.
Red Bank	1 S;RR E	80	25 S6	80,91 oct. Pole line W.
Shinn-Woodbridge (Woodbridge)	3.9 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;RR W	20	19	Pole line WNW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	50 L S6	80,91 oct. Data unver.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on req.Rnwy data unver.
Trenton (NC)	6 NE;RR 1 SE	70	15	Restricted to USFS.
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h	Obsts S.
(P) Woodbine	2 SE	39	25h	Trees sur fld. At jct of RRs.

NEW YORK

Bender's-Brentwood (Brentwood)	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)(N)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. NATS
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	115	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
(P)Mastic Flight Strip	2.6 NW	66	40h	
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	90	54h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN
Nassau (Hempstead) (NC)	4.5 E;hwy N	80	21	CLEAR. STN.
Republic (Farmingdale)	1.3 ENE;RR N	85	66h R1 L5	NE blckd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.

PENNSYLVANIA

Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.

NEW AIRPORTS

Aviation Country Club (Hicksville)(N.Y.)	2 S;hwy S	104	24 S6	80,91 oct.
Nassau Arpk(Clarksville,N.J.)	1 NE;RR SE	80	30 S4	80 oct.
Toms River, (N.J.)	1.5 NNE		19 S2	80 oct.Water tanks S.Data unver.

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

R : EXTREMELY HAZARDOUS

O : USABLE WITH CAUTION

ALBANY 51

SYRACUSE 49

WASHINGTON 63

NEW YORK 67

LAKE SUSQUEHANNA
TRINCA
AIRCRAFT RADIO CORP.
LINCOLN PARK
MURCHIO
TO BRANCHVILLE
ALLENTOWN 320
RED 33
RED 23
5000
240
129
NEW HACKENSACK 236
78
45
4000
TO HARTFORD
80
PORT CHESTER 16
STEWART 236
26
RED 23
SALEM
CALDWELL-WRIGHT 254 KC 126.18 MC
TETERBORO 326 KC
PATTERSON
NEW ROCHELLE 275
238
222
10
TONKERS
LITTLE FERRY
NEW ROCHELLE
GLENCOVE
273
HACKETTSTOWN
E. HANOVER
MORRISTOWN
RED 21
4000
LA GUARDIA 362 KC 118.1, 118.7, 126.18 MC
121
LA GUARDIA 209 (116.1)
AVIATION COUNTRY CLUB
HICKSVILLE
GRUMMAN 323 KC
CARLL
248
MACARTHUR 278 KC
MASTIC
NEWARK 341 (116.1)
NEWARK 278 KC 118.3, 126.18 MC
HOLMES 233
FLUSHING
GREAT NECK
ROOSEVELT
REPUBLIC 371 KC
ZAHNS
FITZMAURICE
C.A.
109
MASPETH 317
217
222
MITCHEL AAF 396 KC 126.18 MC
SOMERSET HILLS
LEBANON 32
WESTFIELD
ELIZABETH
FLATBUSH 16
122
132
COLUMBIA
IDLEWILD (W) 248
MITCHEL AAF 227
301
NW JERSEY
ALLENTOWN 320
SOMERSET
SHINN-WOODBRIDGE
FLATBUSH 353
ROCKAWAY
NEW YORK
290
SOLBERG-HUNTERDON
HADLEY
CONEY ISLAND
HUGHES
STATEN IS.
ROCKAWAY 5
312
MITCHEL
3000
GREEN 3
FLOYD BENNETT 379
NAS. FLOYD BENNETT 532
LONG BEACH
302
NO. BRUNSWICK
METUCHEN 13
42
39
317
44
AMBROSE
PRINCETON
58
YELLOW BLUE
29
34
N
A
224
MATAWAN (W)(VHF) 108.7
NAS. FLOYD BENNETT 388 KC 142.74 MC
22
PENNINGTON
AMBER 7
RED BANK
314
MERCER CO.
NASSAU
FREEHOLD 48
MERCER CO. (OLD)
238
44
YELLOW BLUE
GREEN 5
EXTENSIVE FLEET, AIR OPERATIONS IN OFF-SHORE AREA TO APPROX. 100 MI. SEAWARD. N. BOUND, U. S.-CANADIAN BORDER. S. BOUND, LAT. 35-00
HIGHTSTOWN
57
ASBURY PARK
BLUE 18
ASBURY PARK 20
MONMOUTH CO.
OLD STAR
MORRISVILLE
SKYHAVEN
PHILA. NE(W) 371
253
242
104
KAISER
BURLINGTON
C.A.
RED 3
LAKEWOOD
CASSVILLE 3
PHILADELPHIA 266
MT. HOLLY
FORT DIX AAB
NAS. LAKEHURST 3295 KC 142.74 MC
3000
TOMS RIVER
MOORESTOWN
NAS. LAKEHURST 520
72
328
243
337
34
26
FORKED RIVER 15
MILLVILLE 365
FORKED RIVER
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
REMAIN ABOVE 3000' NEAR LAKEHURST, ALSO BETWEEN THE NAS AND COAST (INTENSIVE AIRSHIP ACTIVITIES) UNLESS APPROVED BY THE NEW YORK CENTER
ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA
OVER
STATUTE MILES
SCALE OF MILES 10 0 10 20 30

SOUTHERN NEW JERSEY

GREEN 5
MILLVILLE 365
243
C.A.
MITCHEL
N. Y. OCEANIC ATC
WASH. OCEANIC ATC
NAS. ATLANTIC CITY 275 KC 142.74 MC
DOWNSTOWN
CAVOLI'S
D.A.
ATLANTIC CITY
WOODBINE
SMITH
WILDWOOD
CGAS, CAPE MAY
N.Y. WASH. CAPE MAY
SCALE OF MILES 10 0 10 20 30

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT;210°,4.7	(3);4220,126.18
Fairfield-Suisun AAF (Army)	272 (126.18)	CA(ILS-W)(GCA)	(3); 4220;126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ	
Hamilton Field	219 (126.18)+	CA; 160°, 2.1	(3);126.18.4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA	(3); 126.18
Mather Army (H fac.)	476 (DIM)	H	
McCLELLAN (Sacramento)	396 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV,199°,0.2	(4);116.1,122.1
SACRAMENTO	236(SZ)(116.1)	SBMRAZ-DTV	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);122.5
SALINAS	266 (SB)	MRLW , 310°,2.4	
SAN FRANCISCO	227 (SF)	SBMRLZ-DT,291°,3.6	(3)
SANTA ROSA NAAS (NC)	3295 (142.74)	CN	(3); 142.74 (req. only)
SAUSALITO FM	(- - - -)	FM, 278°, 17.5	Oakland
STOCKTON,CALIF.	212(JW)	MRLW,285°,3.1	
NEW RADIO FACILITIES			
SALINAS	109.1(SB)	VARW	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
FAIRFIELD-SUISUN(L6)(A)	110.3	335	210°	IM- (0.3)	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker: (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

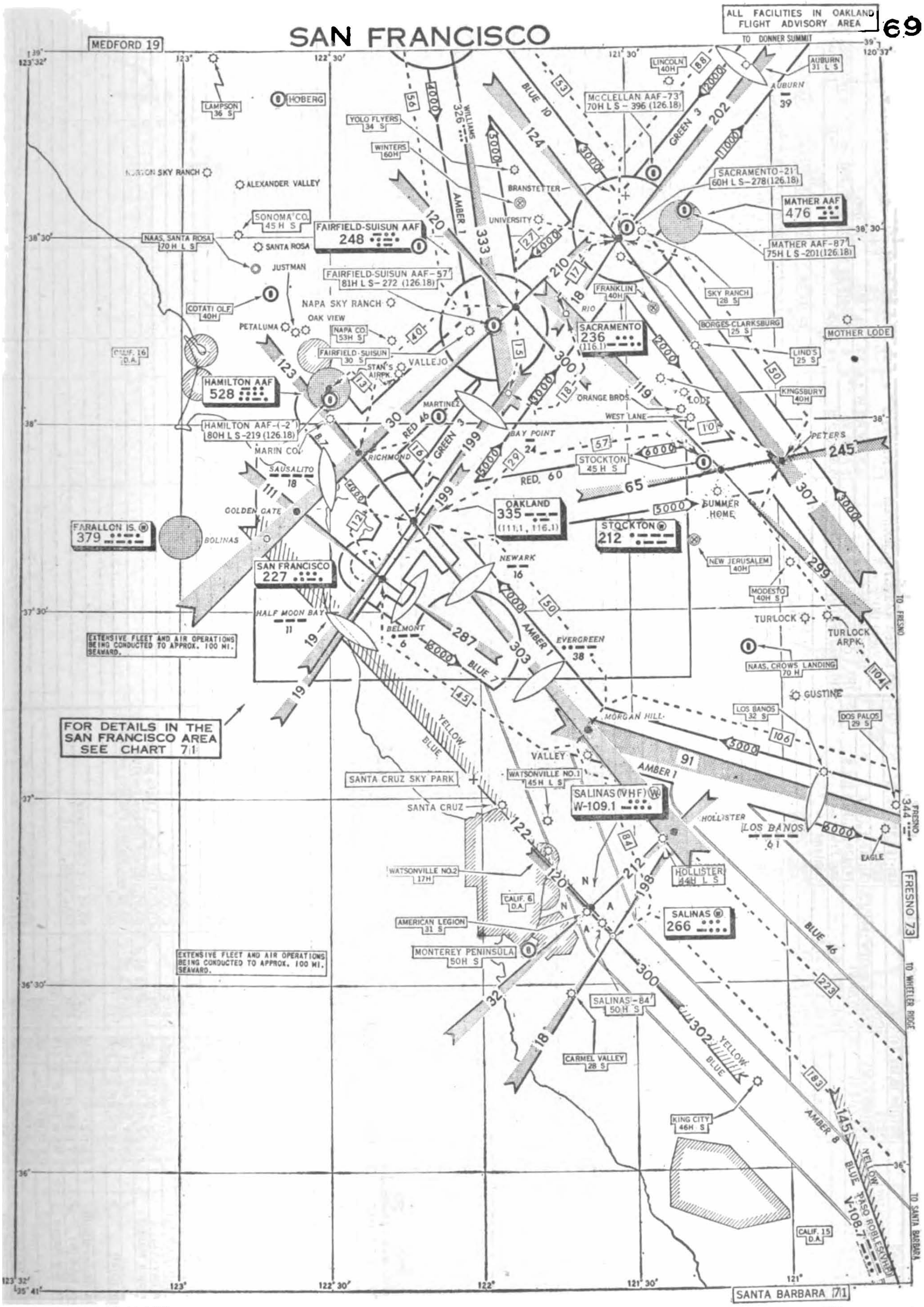
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
American Legion(Salinas)	1.8 NNW	75	31	CLOSED.White crosses mark ends landing areas.
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg (Clarksburg)	2.4 NNE,riv SE	15	25 S6	80 oct.No sto.Power line E.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.
Carmel Valley	12.5 ESE,riv S	450	28 S4	80 oct.No sto.
(N) Cotati OLF (N)	1.5 N,RR E	94	40h	Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	INACTIVE.
Dos Palos	1.6 S,RR W	146	29 S6	80,91 oct.No sto.Pole line S.
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.No sto.
Fairfield-Suisun	1 E,RR N	7	30 S5	80 oct.Poles N,S.
(A) Fairfield-Suisun AAF (A)	5.5 NE	57	81h R3(L6)S4	73,100 oct.FOREIGN CLEAR STN.
(A) Franklin (A)	5.5 SSE, riv E	21	40h	CLOSED
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	16 S4	80 oct.No sto.
King City	1.5 NNE,RR W	360	46h S5	80,91 oct.
(P) Kingsbury (Lodi)	6 WSW; RR NE	15	40h	
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.
(P) Lincoln (Sacramento)	3.2 WNW,RR NE	120	40h	
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.No sto.Poles E.
Lodi Airpark	4.5 SW,RR W	25	28 S6	80 oct. Hwy E.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE,RR W Hwy W	2	17 S4	80 oct.
Martinez	0.8 N,RR S	6	20 S6	80 oct.Hill WSW.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	87	75h R2 L5 S6	91,100 oct. No sto.
MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. Lgts prior req.
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L2 S1	80,91 oct.Lgts prior req
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
Napa Sky Ranch (Napa)	2.2 NNW,RR W	40	30 S6	80, 91 oct. Hwy W Flares req.
(A) New Jerusalem(Tracy)(A)	8 ESE	56	40h	River E. CLOSED prior req.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	20 S1	80 oct.Pole line WNW.
Orange Bros. (Stockton)	5 N	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	15 S4	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct. Pole line E.
(P) Salinas	2.5 SE,RR SW	84	50h L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E,RR W	96	24 S1	80 oct.
(P) Santa Rosa	See Sonoma Co. under "New Airports" - name changed.			
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h R1 L5 S4	91, 100 oct. No sto.
Sky Ranch (Sacramento)	4 SSE.RR W	26	28 L S5	80,91 oct.Port rnwy lgts.Pole line SE.
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct.
State Forestry(Davis)(NC)	3 E,hwy N	228	26	Power line W.
(P) Stockton	4 SSE,RR W,SW	27	45h L5 S6	80, 91, 100 oct. Lgts prior req.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW,RR E	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct.
Valley (Morgan Hill)	1.2 S,hwy E	540	17 S1	80 oct.Pwr pole SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW,bay W	125	17h	
West Lane(Stockton)	4.1 N,RR W	25	25 S1	73, 80 oct.
(A) Winters Flight Strip(Davis)	6.2 WNW,hwy W	97	60h	CLOSED(A)
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S4	80 oct.No sto.Port rnwy lgts.Poles E.
NEW AIRPORTS				
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5 N; hwy E		21h S2	80,91 oct. Data unver.
Turlock, (Calif.)	4 WSW;RR N	100	18 S1	80 oct.
Turlock Arpk, (Calif.)	1.5 SSE;hwy E	95	15 S2	73,80 oct.
(P) Sonoma Co. (Calif.)	7 NW;RR E	118	45h L5 S6	80,91,100 oct.Lgts on req.

TEMP INACT NAVY FACS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → New or revised data

SAN FRANCISCO



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓔ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

NOTE:
BEACON LIGHTS ON DOMES OF RADIO BEACONS IDENTIFY "B" AERODROMES.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, MAINLY UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT SYM.

SCALE OF MILES

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
→ BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C (ILS-W)	(4);126.18,118.5,122.5
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS(Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
MT.VIEW(Navy)(Moffett NAS)	323 (NUC)	BMRLZ; 320°, 1.9	(3);126.18, 142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMK; 123°, 16	Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV	(4);116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)GCA);199°,0.2	(4);126.18,118.7,122.5
PASO ROBLES	(108.7) (OB)	VARW	
→ POINT MUGU NAF	3295(142.74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227 (SF)	SBMRLZ-DT	(3)
San Francisco Airport	269(126.18,118.9)	C; 291°, 3.6	(4);126.18,118.9,122.5
SAN FRANCISCO GAP	356 (F)	K; 285°, 10	San Francisco
SANTA BARBARA	320(OY)(116.1)	BMRLZ-DTV	(4);126.18,142.74,116.1
SANTA BARBARA	(108.3) (OY)	VARW	
Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,122.5 (6-19)
SAUSALITO FM	(- - - -)	FM; 278°, 17.5	Oakland

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BAKERSFIELD KERN CO.	109.9		300°	IM-	MM- ····· (0.62)	OM- -- (4.71)
					MMK-	OMK-
OAKLAND	109.9	333.8	274°	IM- ····· (0.12)	MM-	OM- -- (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; 2-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

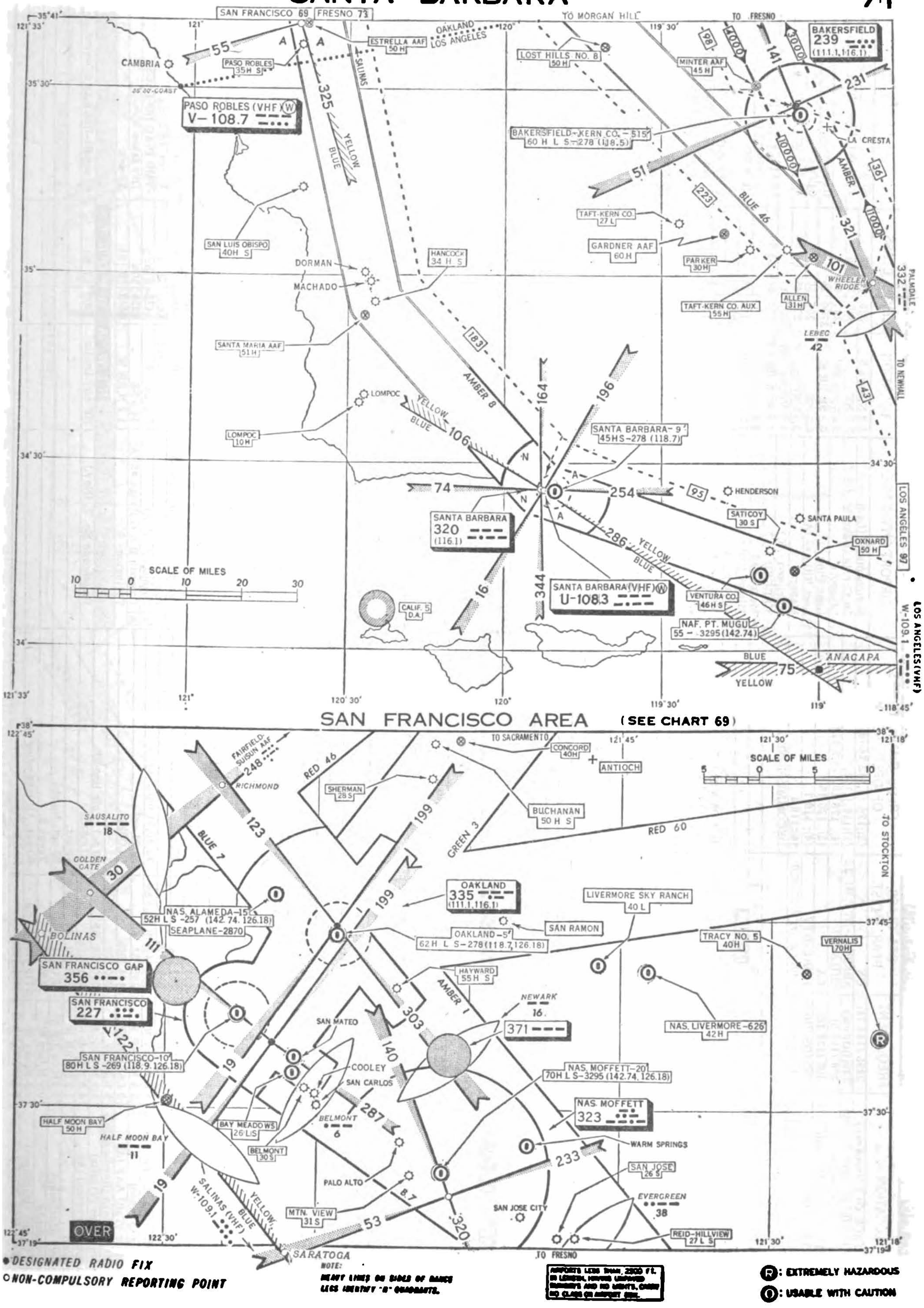
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto. NATS
(A) Allen (Taft)(A)	26 ESE	500	31h	CLOSED
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 L5 S6	80 oct.No bcn,P-line N.Lgts avail. 1 hr after dark.
Belmont	0.5 N,RR W	5	30 S4	73,80 oct.No sto.Bay E.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
Concord	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	See Buchanan,Calif. under "New Arpts"-name changed			
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft) AAF (A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW,hwy NE	36	50h	CLOSED Lgts prior req.
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn,Pwrline,twr W
(P) Hayward	2 WSW,RR W	25	55h L5 S6	80,91 oct.No sto.Fld lgts prior req.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct.Data unver.
(N) Livermore NAS (N)	3.7 E,RR N	626	42h	INACTIVE.
(N) Livermore Sky Ranch	2 WNW,hwy E	448	40 L2	
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	CLOSED

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → New or revised data

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	70h R2 L4 S4	91,100 oct.No sto. NATS
Mountain View	2.2 NW,RR W	57	31 S6	73 oct.
(N) Oakland (NAS)	5 S,RR SE	5	62h R3 L6 S6	73,80,91,100 oct.2-way rdo req.NATS
(P) Oxnard Flight Strip	5.5 E,RR S	84	50h	(Hospital)
Palo Alto	2 ENE,bay E	5	23 L S6	73,80 oct.Port.rnwy lgts.Poles S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct. Naval Air Missile
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED Test Center
Reid-Hillview (San Jose)	4 E,hwy N	200	27 L3 S6	80,91 oct.No sto.or bcn.Poles N,S.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	80h R2 L5 S1	80,100 oct.No sto.Rdo req.
San Jose City (San Jose)	2 NW;RR SW	70	18 S6	91 oct.No sto.Pwr line S.
(P) San Luis Obispo	2 SSE;hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W.
San Ramon	2.5 SE;RR adj E	440	25 S2	80,91 oct.
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S,obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	
Santa Paula	0.8 S;riv S	240	22 L S6	80 oct.Port.strip lgts prior req.
Saticoy	1.5 S;RR N	80	30 S1	80,91 oct.No sto.Trees NE.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
(P) Tracy #5	3.6 S	190	40h	
Ventura County (Oxnard)	1 W;hwy E	44	46h L S6	80,91 oct.Flares prior req.
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	29 S6	91,80 oct.No sto.
NEW AIRPORTS				
Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
Cooley (San Carlos)	2.9 NNW;RR S	6	21 S6	80,91 oct. Hwy SW.
Machado (Santa Maria)	2.2 N;RR S	230	22 S4	80 oct, No sto.
San Jose	3.4 E; road SW	125	26 S4	91 oct.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Buchanan (Concord,Calif.)	1.5 NW;hwy N,S	22	50h L S6	80,91 oct. Port lgts. Lgts prior req.

SANTA BARBARA



SAN FRANCISCO AREA (SEE CHART 69)

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:

HEAVY LINES ON SIDES OF BASIC LEGS INDICATE "B" BOUNDARIES.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CLOSED TO CLASS OR AIRPORT USE.

(R): EXTREMELY HAZARDOUS

(O): USABLE WITH CAUTION

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CALIFORNIA			
ARMITAGE OLF (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°,1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C(ILS-W)	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116.1
FRESNO (Fresno-Chandler)	344(FT)(116.1)	SBRAZ-DTV;23°,0.9	(4);116.1
MOJAVE NAS			DECOMMISSIONED
TRONA	323 (EW)	SMRAWZ, 349°, 11	
NEVADA			
FALLON (NAS)	230 (VA)	SRAWZ; 219°, 2.9	
GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4) (8-16 Mon.,Tues,Thurs,Fri; 5-20 Wed,Sat,Sun.)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SRAWZ;168°,2.6	
WADSWORTH FM	(-)	FM, 48°, 27	Reno.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

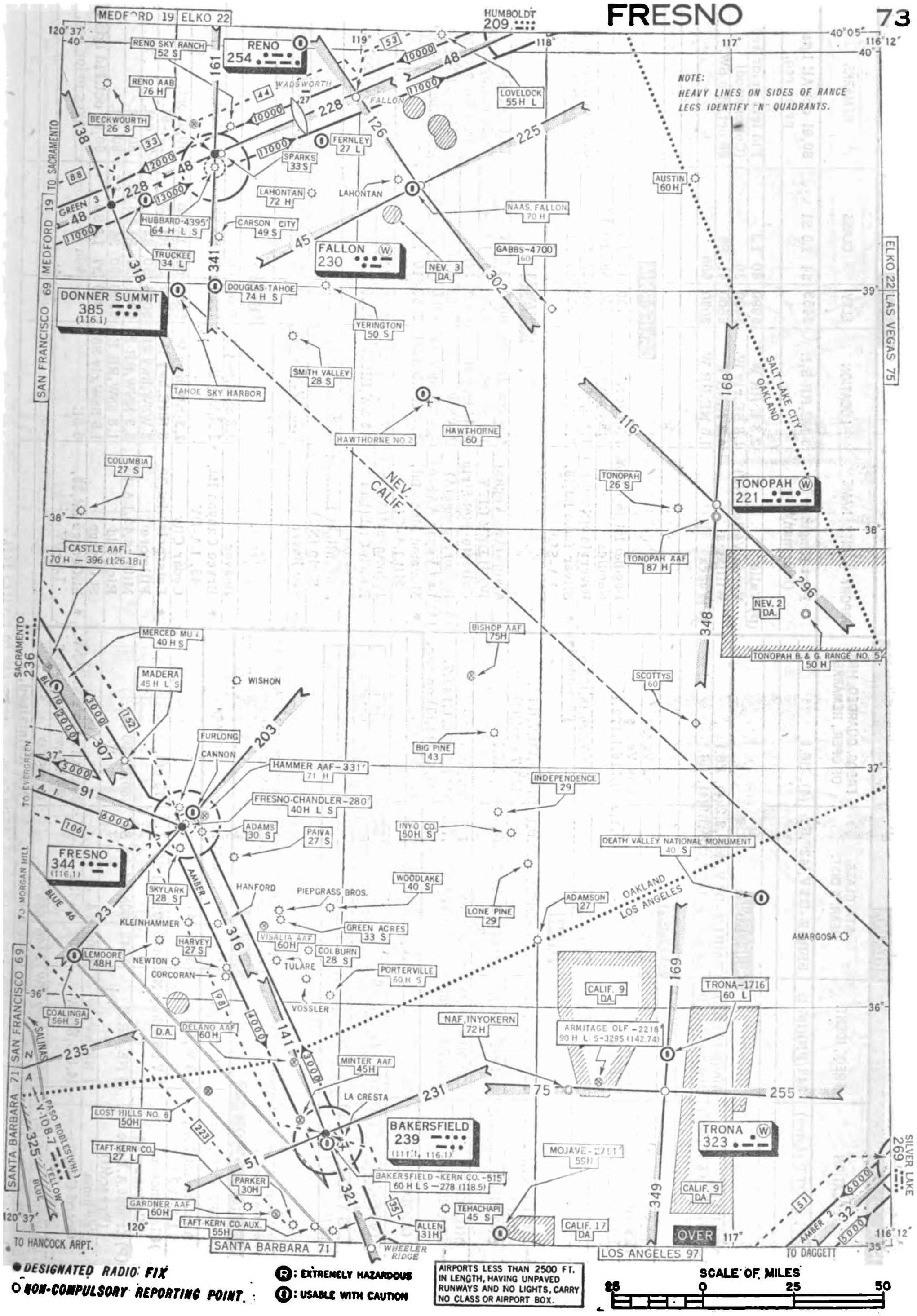
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
BAKERSFIELD	109.9		300°	IM-	MM- ·····(0.62)	OM-	--(4.71)
KERN CO.				IM-	MMK-	OMK-	
					MM-	OM-	
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + —Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
CALIFORNIA				
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	
Amargosa (Death Valley Jct.)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
(N) Armitage OLF (Inyokern)(N)	8 ENE	2218	90h R1 L5 S1	CLOSED
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
Boston Land Co.(Westhaven)	1.7 SSW;hwy N	300	31	(NC)
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1.
Coalinga	1.5 N;hwy E	664	56h S4	80,91 oct.Hill N,W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;rd S	220	19 S4	73,80 oct. No sto.Poles N,NW,SE.
Cornell (Porterville) (NC)	2.4 SSW;RR E	470	26	Poles SE.
Death Valley (Furnace Creek)	1 WNW	-178	40 S2	80,91 oct.Data unver.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
(P) Delano	1.5 SE;RR W	315	60h	
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct.No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	33 S6	80 oct. Pole line SE
(A) Hammer (Fresno) (A)	4.8 NE;rds N,E	331	71h	CLOSED.
Hanford	1.2 SE;RR W	246	20 S4	80 oct.
Harvey (Corcoran)	2.7 NNW;RR W	200	27 S4	80 oct. No sto.
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h	NATS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S2	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
Lemoore	9 SW;RR NW	247	48h	
Lone Pine	0.8 SE,RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80-100 oct. No sto.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Lgts prior req.
→Merced #1	2.5 NW,RR SW			ABANDONED
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	410	45h	CLOSED.
(N) Mojave NAS (N)	0.7 E;hwy W	2751	59h	INACTIVE
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;riv E	194	23 S4	80 oct. No sto.Pwr line N,NW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S2	80 oct.
(P) Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W.
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
★ Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	21	Mtns - timber 2000' NE Closed to Public
(P) Visalia	.5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW.Closed to Public
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.
NEVADA				
Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h S6	73 oct.
★ Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
(N) Fallon NAAS	6 SE;hwy S	3931	70h	INACTIVE
★ Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	84,1 R2 L5 S4	80,91,100 oct.
Lahontan (Fallon)	1.4 SSW;hwy N	3980	24 S4	80 oct. Poles ENE,WSW.Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	40	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
★ Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tahoe Sky Harbor (Genoa)	6 WSW;RR N	6230	42 S1	80 oct.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;RR W	4483	50 S1	73 oct.
NEW AIRPORTS				
Hawthorne No. 2, (Nev.)	NE city limits	4200	27 S1	80 oct.Hi-line S.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 17) NC (not charted). → NEW OR REVISED DATA



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-DTV,142°,5.5	(4), 116.1
AL			
NEEDLES	400(NJ)(116.1)	BMRLZ-DTV,195°,2.2	(4), 116.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-DTV,132°,1.9	(4), 116.1
EVADA			
CRYSTAL FM	(-)	FM; 28°,30	Las Vegas
GOODSPRINGS FM	(- - -)	FM; 203°,33	Las Vegas
LAS VEGAS	206(LQ)(vhf)	SBMRAZ-DTV;34°,1.9	(3);116.1,122.1
··Las Vegas AAF	278(126.18,118.7)+	C (ILS-W)	(4):118.7,126.18,122.5 (8-midnite)
BRYCE CANYON (Int.)	108.3(BV)(vhf)	BVAR-DPTV;35°,0.8	3117.5,131.7,116.1, 129.7 cont.(3)req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-VDT,20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-VT,20°,1	(4), 116.1
ST.GEORGE	108.7(GX)(vhf)	BVAR-DPV;229°,7.8	3117.5;116.1,129.7, 122.1 cont.(3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM: 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)							
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LAS VEGAS AAF	110.3	335	25°	IM	MM ---(0.66)	OM -- (4.2)	
					MMR	OMR	

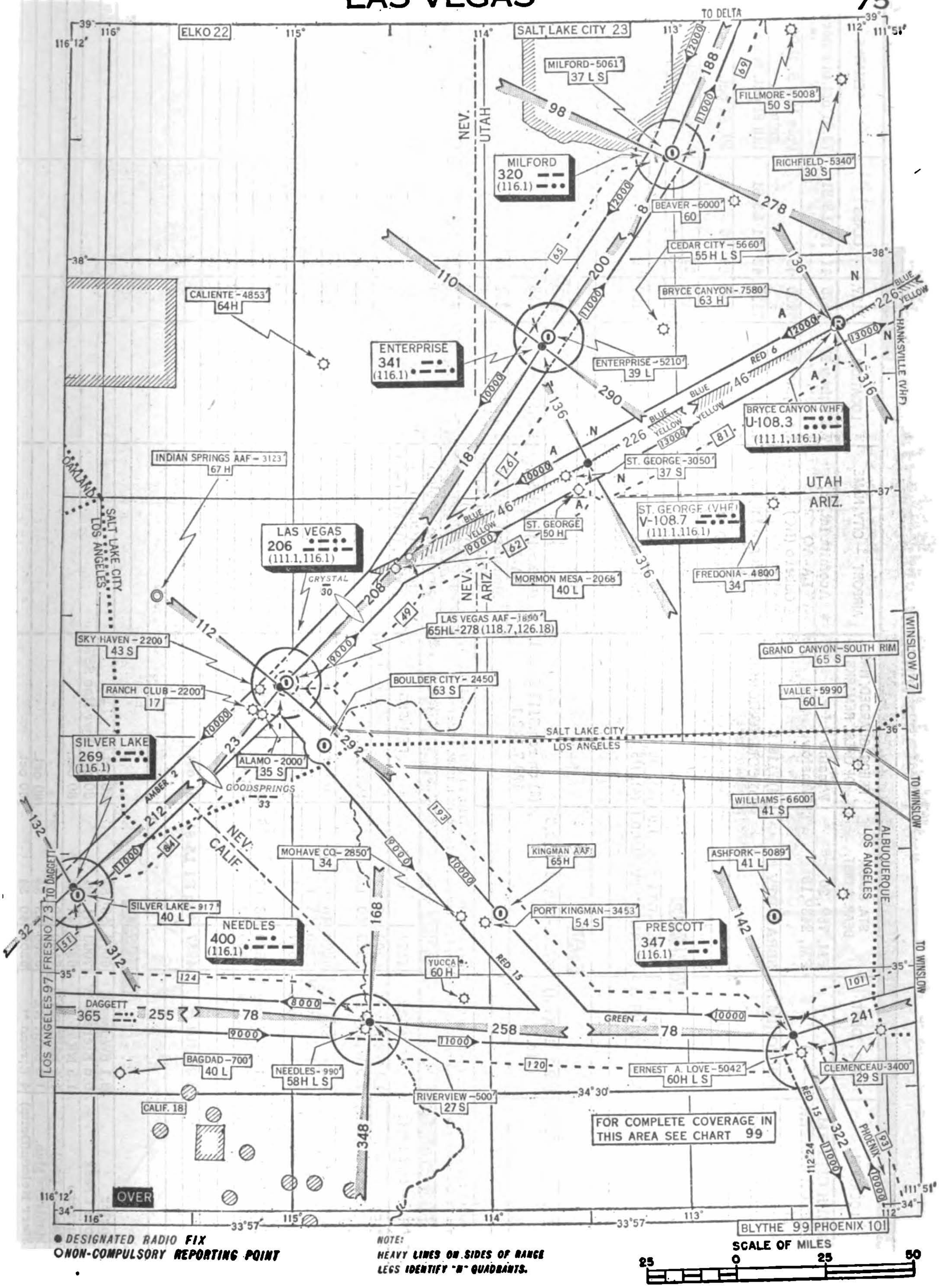
S-Simul. Range and Voice; W-Without Voice; 2-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 127.65, 148.56 mcs.

AIRPORTS — ARIZONA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-LQ	4.3 W,RR S	5089	41 L3	
(P) Clemenceau (Cottonwood)	1.7 SSW,hwy NE	3400	29 L1 S4	73 oct.
(P) Ernest A. Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14.8 S,RR W	6362	65 S4	80 oct.Trees ENE,WNW, SSW.Rnwy data unver.
(A)Kingman AAF(A)	8.5 NE,hwy NW	3446	65h	CLOSED
Mohave Co.(Kingman)	6.5 NW,hwy E	2850	34	Not maintained.
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S1	80,91 oct.All lgts prior req.
(P) Valle	2.3 E RR W	5990	60 L3	Fld lgts prior req.
Verde Valley (NC)	1.8 SE,riv W	3400	30	(Cottonwood)
Williams	4.3 N,RR E	6600	41 S6	80 oct,Mts SW.
(P) Yucca	1.5 NE,RR W	2030	60h	
CALIFORNIA				
* Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
Needles	5.5 S,hwy E	990	58h R1 L3	
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE Rnwy data unverif.
* Silver Lake Int,18, LA-SL	2.5 SSE,RR E	917	40 R1 L3	
NEVADA				
Alamo (Las Vegas)	5.5 SSW,RR SW	2000	35 S4	73,80,91 oct.
BOULDER CITY	1.8 SW,RR W	2450	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
(A) Las Vegas AAF(A)	7.8 NE,hwy NW	1890	65h R3 L6	TEMP INACT. NO FACS.
* Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	0.7 W,hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	5.5 SW,RR E	2200	17	Mts WSW,ENE,E.
Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)
UTAH				
Beaver	3.2 SSW,hwy E	6000	60	
* Bryce Canyon Int, 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
Cedar City	2.3 NW,hwy W	5660	55h L5 S6	80,91 oct.
* Enterprise Int,39	8 NNE,hwy N	5210	39 R1 L3	LA-SL
Fillmore	2 WSW,hwy SE	5008	50 S2	73 oct.
Milford,45,LA-SL	2.3 NNW,RR E	5061	37 R1 L3 S1	80 oct.
Richfield	1.8 SSW,RR E	5340	30 S4	80 oct.
St.George	1.5 SSW,riv SSE	3050	37 L2 S6	80,91 oct.Fld lgts & svcg prior req.
* St.George Int,36, LA-DV	6 SE		50h	

*h-hard surfaced runways R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

LAS VEGAS



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED; HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-DTV	(4), 116.1
→ **Winslow Airport**			DECOMMISSIONED
		NEW MEXICO	
ACOMITA (Int.)	371(AK)(116.1)	BMLZ-DTV,254°,1.9	(4), 116.1
EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-DTV,78°.0.1	(4), 116.1
		UTAH	
→ HANKSVILLE Int	109.1(HY)(vhf) (116.1)	BVAR-DPV;314°,2.8	(3) on req,3117.5;116 1, 129.7,122.1

B-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker, (3) 3105, 4495, 6210 kcs, (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — **ARIZONA**

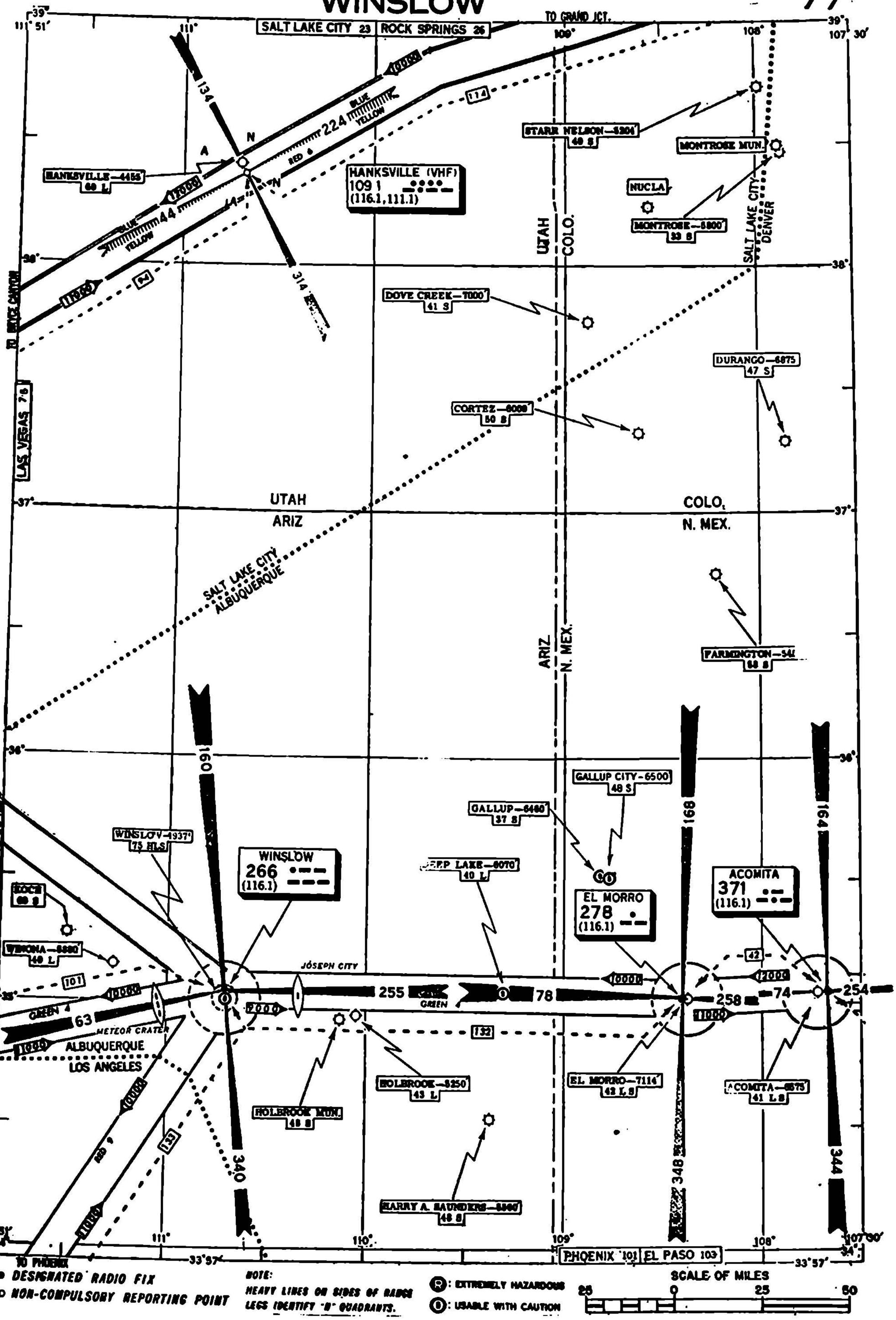
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.4 NE;hwy W	4200	50	
* Deep Lake Int,54A, LA-AQ	1.5 W;hwy E	6070	40 L3	Poles S.
Holbrook	2.2 NNE;RR SE	5200	48 S6	80 oct.
* " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L3	
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S1	Ltd 80 oct.Hills SW
Saunders, Harry A. (St. Johns)	1.1 NNW,hwy S	5560	48 S2	80 oct.25' poles NE
Window Rock(NC)	0.8 SSW;rd N	6800	52	Bluffs ENE,NNE
(P) WINSLOW	2 SW;RR N	4937	75h R1 L5 S1	91 oct.
		COLORADO		
(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
Montrose Mun.	1.3 S,RR NE	5800	33 S4	80 oct.
(P) Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.

NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Acomita Int,63, LA-AQ	7.8 W;hwy N	6575	41 R1 L3 S1	73,91 oct.in emerg.
Cubero (NC)	2.4 W;hwy S	6200	30	Pole line S. 11,000' mtns N.
* El Morro Int,59B, LA-AQ	4.5 WSW;lake NW	7114	42 R1 L3 S1	Ltd 91 oct. Rough.
Farmington	1.4 NW on mesa	5495	65 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Poleline SSW
Gallup City	2.6 WSW;RR N	6500	48 S4	80 oct Poleline WSW
Indian Service (Shiprock) (NC)	1.8 SSW;riv N	5100	19	Pole line NW.
		UTAH		
* Hanksville Int,54, LA-DV	4 NE	4455	60 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post)(NC)	0.5 N hwy E	5284	30	
		NEW AIRPORTS		
Montrose, (Colo.)	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla, (Colo.)	2.3 SSW;riv S	5910	36	
Aztec, (N.M.) (NC)	2.2 NW on mesa	5700	28	Emerg only.

→ NEW MEXICO

WINSLOW


SALT LAKE CITY 23
ROCK SPRINGS 26
TO GRAND JCT.
134
224
BLUE
YELLOW
RED
114
A
N
HANKSVILLE—4455
60 L
HANKSVILLE (VHF)
109.1
(116.1, 111.1)
STARR NELSON—5204
49 S
MONTROSE MUN.
NUCLA
MONTROSE—5800
39 S
UTAH
COLO.
SALT LAKE CITY
DENVER
44
94
314
TO LAS VEGAS
DOVE CREEK—7000
41 S
DURANGO—6875
47 S
CORTEZ—6009
50 S
SALT LAKE CITY
ALBUQUERQUE
ARIZ
N. MEX.
FARMINGTON—54
58 S
160
168
164
GALLUP CITY—6500
48 S
GALLUP—6460
37 S
WINSLOW—4937'
75 HLS
WINSLOW
266
(116.1)
EL MORRO
278
(116.1)
ACOMITA
371
(116.1)
ECHO
VERONA—6980
46 L
101
GREEN
63
METEOR CRATER
ALBUQUERQUE
LOS ANGELES
JOSEPH CITY
255
78
258
74
254
132
HOLBROOK—5250
43 L
HOLBROOK MUN.
48 S
EL MORRO—7114'
42 L S
ACOMITA—6875'
41 L S
340
348
344
133
HARRY A. SAUNDERS—6960
48 S
TO PHOENIX
PHOENIX 101
EL PASO 103
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "B" QUADRANTS.
R: EXTREMELY HAZARDOUS
B: USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

ALBUQUERQUE

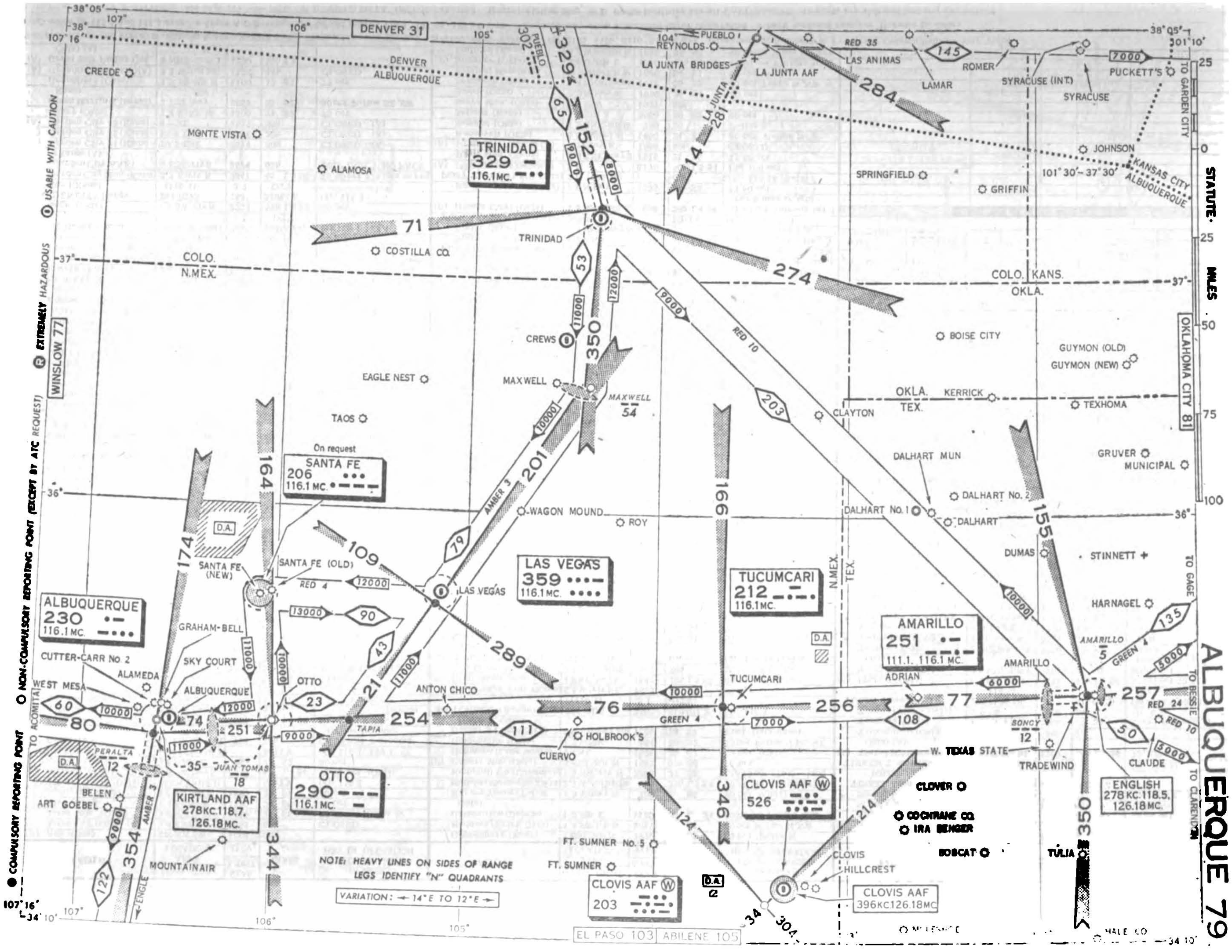
FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
* Adrian Int,92B,LA-AQ	4.2 SSE;RR N	4136	37 L3	(Texas)
Alameda (Albuquerque)	7.4 N;RR E	5400	37	(N.M.)
Alamosa (Colo)	2 S;hwy W	7550	58 L3 S4	80 oct.Fld lgts prior req
ALBUQUERQUE Range (Kirtland)(N.M.)	230(AB)(116.1)	354°,3.1	SBRAZ-DTV	(3); 116.1
Albuquerque (N.M)	6.3 ESE;hwy N	5429	62	RFC surplus acft fld.
➤AMARILLO Range (Tex) (English)	251(AQ)(vhf)	77°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
Amarillo (Tex)	6 ENE;RR NW	3676	15h S6	73 oct.P-line N,S.
* Anton Chico Int,78A,LA-AQ	4.5 SE;hwy E	5281	43 L3	(N.M)
Art Goebel (Belen,N.M.)	3.2 W;RR E	5100	39 S1	80,91 oct.
Belen Air Strip (N.M.)	2.7 N; RR E	5000	30 S1	73 oct.
Bobcat (Dimmit,Tex)	1.5 E;RR W	3850	33 S2	73 oct.
Boise City (Okla)	3 N;hwy W	4200	33	
Clayton (N.M.)	1.5 E;RR S	5050	53 S2	73 oct.
Claude (Tex)	1.2 WNW;RR N	3410	32 S1	73 oct.P-line S,N,NW.
Clover (Hereford, Tex)	2.2 NNE;hwy S	3800	28 S2	73 oct.P-line N,E,SE.
CLOVIS Army Range (N.M.)	203 (DCV)	34°,6.2	MRAWZ	(3)
CLOVIS H Fac. (N.M.)	526	130°,1.6	HW-DT	
CLOVIS AAF Tower (N.M.)	396 (126.18)		CA	(3); 126.18
(A) Clovis AAF (N.M.)(A)	6.5 W;RR N	4300	100h L5 S6	73,91,100 oct.
Clovis (N.M.)	0.8 NW;RR S	4247	26	
Cochran Co.(Morton,Tex)	1.5 E;rd W	3750	30	P-line E,S.
Costilla Co.(Mesita,Colo)	4 E;RR W	7750	75	
Creede (Colo)	2 SSE;hwy NW	8800	50 S2	No fuel.Rough off strips
(P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	60h L2	(N.M.) Data unver
* Cuero Int,81B,LA-AQ(N.M)	5 N	4734	40 L3	Poles W,lgtd.
Cutter-Carr #2 (Albuquerque, N.M.)	3.6 NE;RR W	5120	46	P-line ENE.
Dalhart (Tex)	6.2 SSE;RR E	3980	24 S6	73 oct.
Dalhart Mun. (Tex)	3.8 SSW;RR N	3989	49h	
(A) Dalhart #1 (Tex) (A)	9.7 WSW;RR E	4096	81h	TEMP INACT.NO FACS
Dalhart #2 (Tex)	5.5 NE;hwy NW	3974	80h	
(P) Dumas (Tex)	0.7 S;hwy W	3649	30 L S2	73 oct.Poles N.Flood lgts.
Eagle Nest Landing Strip (N.M.)	1 NE	8450	40	11,000'mts NE. Use in emerg.
ENGLISH Tower (Tex)	278 (118.5, 126.18)		AC (ILS)	(4); 126.18,118.5, 122.5
(A) English (Amarillo,Tex)	9 ENE;RR N	3602	50h L6 S6	80, 91 oct.;100 oct. Army.P-line N,NW.
Ft. Sumner (N.M.)	1.5 NNE;RR S	4166	60h	
Ft. Sumner #5 (N.M.)	16 ENE	4830	60h	
Graham-Bell (Albuqu'que)	4.5 ENE	5400	27 S6	73,91 oct. (N.M.)
Griffin (Walsh, Colo)	0.7 N;RR S	3950	26 S6	80 oct.Poles S.
Gruver (Tex)	0.7 WNW;RR E	3200	40 S1	80 oct.P-line W,E,SE,
(P) Guymon (new)(Okla)	3 SW;hwy N	3140	34 S6	73,80 oct.P-line SW. N, E.
Guymon (Okla)	0.7 S;RR W	3130	21 S6	73 oct.P-line N,S.No sto.
(P) Hale Co.(Plainview,Tex)	1.6 S;hwy E	3370	37 S6	80, 91 oct.
Harnagel (Borger,Tex)	2.5 SSW;RR N	3140	25 S2	80 oct.Use strips.RR E
Hillcrest (Clovis, N.M.)	2.1 E;RR S	4244	36 S4	73 oct.No sto.P-line S.
Holbrook's (Cuervo,N.M.)	0.8 NE;RR S	4810	19	300' mtn SE.P-line SSE.
Ira Benger (Friona,Tex)	1.8 NE;RR S	4000	28 S2	73 oct.
Johnson (Kans)	0.5 N;hwy W	3330	28 S6	80 oct.P-line N,NW,NE,
Kerrick (Tex)	1.5 N;RR SW	3850	19 S1	80 oct.P-line SW. S.
KIRTLAND Tower (N.M.)	278 (126.18, 118.7)+		AC (ILS)	(4); 126.18, 118.7, 122.5
(A) [Kirtland](Albuquerque, N.M.) (A)	3.8 SSE;rd N	5330	103h L6 S6	73,91,100 oct. JP-1. No. sto.Twrs on fld.
(A) La Junta AAF (Colo) (A)	4.4 NNE;rd W	4262	80h	TMP INACT.NO FACS.
La Junta Bridges (Colo)	3 SW;hwy W	4140	30 S1	80 oct.Data unver.
(P) Lamar,10,PU-WD (Colo)	3.7 WSW;RR N	3673	42 L3 S2	80 oct.
Las Animas (Colo)	1.4 S;RR N	3900	28 S4	80 oct. Poles W.
LAS VEGAS Range (N.M.)	359(VH)(116.1)	8°, 3.2	SBMRAZ-DTV	(4);116.1,122.1
[Las Vegas] (N.M.)	6 NE;RR W	6857	64h L5 S6	80, 91 oct.
Maxwell (N.M.)	1.7 N;hwy E	6000	36	
Monte Vista (Colo)	3.5 W;RR N	7710	55 S4	80 oct.
Mountainair (N.M.)	1.1 NNE;RR S	6600	28	P-line N
Muleshoe (Tex)	1 ENE;hwy N	3800	42 S1	73 oct.
Municipal (Spearman,Tex)	0.8 NW;RR SE	3104	30	P-line SW.
OTTO Range (N.M.)	290(OT)(116.1)	74°,0.2	BMRLZ-DTV	(4); 116.1
* Otto Int,74,LA-AQ (N.M.)	5.8 N Moriarty	6226	41 L3 S1	Ltd 80, 91 oct.
Puckett's com.(Lakin,Kans)	3.5 S;riv N,NW	3050	26 S1	Ltd 80 oct.Trees N.
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	P-line NE. (Colo)
Romer (Holly, Colo)	1.5 SSE;riv N	3360	29 S1	Ltd 80 oct.P-line SW,NW
Roy (N.M.)	1.5 N;RR W	5900	26	PRIVATE.
SANTA FE H Fac. (N.M.)	206(SJ)(116.1)		MHTV	(4); 116.1
[Santa Fe] (new)(N.M.)	9.8 WSW; hwy SE	6308	63h L5 S1	91 oct.airlines.Poles E Rnwy lgts on req. -
Santa Fe (old)(N.M.)	6.3 SW;hwy E	6550	45h S6	73,80 oct.;91 oct.emerg
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct.No sto. (N.M.)
Springfield,Com,(Colo)	3.8 N;hwy W	4350	34 S1	73 oct.Poles NW,W,SW
Stinnett (Tex)	0.6 NNE;RR E		30	Data unver.
Syracuse (Kans)	1 N;riv S	3320	36 S2	80 oct.P-line S,SE.
* Syracuse Int,16,PU-WD	3.7 NNE;hwy W	3410	46 L3	(Kans.)
Taos (N.M.)	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW
Texhoma (Tex)	1 SSW;RR N	3460	30 S2	73,91 oct.P-line N.
Tradewind (Amarillo,Tex)	1.5 SE	3636	30 S6	Data unver.
TRINIDAD Range (Colo)	329(TD)(116.1)	170°,3.0	SBMRAZ-DTV	(4); 116.1
Trinidad (Colo)	10.5 ENE	5756	34h L1 S2	80 oct.Use rnwys only.
TUCUMCARI Range (N.M.)	212(YC)(116.1)	76°,2.2	SBMRAZ-DTV	(4);116.1,122.1 Hwy E.
Tucumcari (N.M.)	7 E;hwy,RR S	4064	51h L5 S6	80,91,100 oct.
(P) Tulia (Tex)	1.5 NNW;RR W	3500	32 S1	80 oct.P-line NE,E,SE
Wagon Mound (N.M.)	0.6 WNW;RR E	6500	21	Fence N;mtns SE,W.
West Mesa (Albuquerque)	3.8 W;hwy S	5100	60 S6	73,80 oct. (N.M.)
West Texas State (Canyon)	3 N;hwy E	3686	42 S6	73 oct.20'poles SE.(Tex)

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ENGLISH	110.3	335	209°	IM-	MM- •—•— (0.62)	OM- ——(5.92)
					MMK-	OMK-293 —•—•
KIRTLAND	110.3	335	349°	IM-	MM- •—•— (0.66)	OM- ——(4.32)
					MMK-	OMK-248 —•—•

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice, (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) ➤ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


DENVER 31
DENVER ALBUQUERQUE
CREEDE
MONTE VISTA
ALAMOSA
TRINIDAD 329 116.1MC.
TRINIDAD
COSTILLA CO.
COLO. N.MEX.
WINSLOW 77
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
EAGLE NEST
TAOS
CREWS
MAXWELL
MAXWELL 54
On request
SANTA FE 206 116.1 MC.
D.A.
SANTA FE (NEW)
SANTA FE (OLD)
WAGON MOUND
ROY
LAS VEGAS 359 116.1MC.
LAS VEGAS
ALBUQUERQUE 230 116.1MC.
GRAHAM-BELL
CUTTER-CARR No. 2
SKY COURT
ALAMEDA
WEST MESA
ALBUQUERQUE
OTTO
OTTO 290 116.1MC.
ANTON CHICO
TAPIA
PERALTA
BELEN
ART GOEBEL
JUAN TOMAS
KIRTLAND AAF 278KC.118.7. 126.18MC.
MOUNTAINAIR
ENGLE
ACOMITA
HOLBROOK'S
CUERVO
TUCUMCARI 212 116.1MC.
TUCUMCARI
FT. SUMNER No. 5
FT. SUMNER
CLOVIS AAF 203
CLOVIS AAF 526
CLOVIS AAF 396KC126.18MC
CLOVIS
HILLCREST
CLOVER
COCHRANE CO.
IRA BENGER
BOBCAT
TULIA
AMARILLO 251 111.1. 116.1 MC.
AMARILLO
ADRIAN
TRADEWIND
W. TEXAS STATE
ENGLISH 278 KC. 118.5, 126.18 MC.
CLAUDE
TO BESSIE
TO CLARENDON
TO GAGE
HARNAGEL
STINNETT
DUMAS
DALHART MUN
DALHART No. 2
DALHART No. 1
DALHART
GRUVER MUNICIPAL
TEXHOMA
OKLA. TEX.
KERRICK
CLAYTON
BOISE CITY
GUYMON (OLD)
GUYMON (NEW)
COLO. KANS. OKLA.
SPRINGFIELD
GRIFFIN
JOHNSON
KANSAS CITY ALBUQUERQUE
101°30'–37°30'
LA JUNTA BRIDGES
LA JUNTA AAF
LA JUNTA
REYNOLDS
PUEBLO
LAS ANIMAS
LAMAR
ROMER
SYRACUSE (INT.)
SYRACUSE
PUCKETT'S
TO GARDEN CITY
OKLAHOMA CITY 81
ALBUQUERQUE 79
EL PASO 103
ABILENE 105
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 14°E TO 12°E →
STATUTE MILES
25 0 25 50 75 100

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV.	CLASS	REMARKS FREQS GUARDED, HRS OF OPERATION
(P) Ada (Okla)	2 N;RR SW	1008	50h	
(A) Altus AAF (Okla) (A)	3.4 ENE;hwy S	1368	60h	CLOSED
Altus Mun. (Okla)	4.2 N;RR W	1410	31 S6	73,80 oct P-line W
Alva (Okla)	1.4 S;RR N	1320	26 S6	80 oct
Anadarko (Okla)	1.5 SW;RR E	1260	20 S1	80 oct
ANTHONY H Fac. (Okla)	382(AY)(116.1)		MHTV	(4); 116.1
(P) Anthony, 24, AQ-KC	3 WNW;hwy S	1339	48 L3 S6	73,91 oct (Okla)
Antlers (Okla)	2.8 S;RR E	640	23 S2	80 oct
ARDMORE H Fac. (Okla)	400(AT)(116.1)		MHTV	(4); 116.1, 122.1
Ardmore (Okla)	11 2 NNE;riv E	758	73h	CAUTION- Intensive airline training
Ardmore, 10, FV-WD	9.2 N;hwy E	875	40h L3 S6	80,91 oct Poles E
* Arlie Int, 9, AQ-FV(Tex)	3.8 SW;hwy SE	1770	42 L3	(Okla)
Ashland (Kans)	1 E;RR S	1940	32 S2	80 oct Poles S,E
Atoka (Okla)	1.8 NW;RR S	540	22 S2	73 oct. P-line S
Bartlesville (Okla)	4 E;rd S	720	34 S6	80 oct
Bennett (Elk City, Okla)	2 SSE;RR NE	1800	20 S1	73 oct P-line W Lgt ac-
Blackwell (Okla)	1.7 W;RR N	1000	32 L4 S6	80 oct ft only
Boren (Wetumka, Okla)	1.5 NW;hwy S	780	20	
Brown (Tulsa Okla)	6 SE	735	31 L S6	80,91 oct Port rnwy lgts. Pole NW
Buffalo (Okla)	0.6 NW;crk N	1965	14 S2	80 oct
Caddo Fly Svc. (Ft. Cobb)	6 SE;hwy S	1250	16 S2	80 oct (Okla)
Cameron College	2.5 W;RR N	1108	20 S4	80 oct (Lawton, Okla)
* Cassoday Int, 34, AQ-KC (Kans)	1 SSE;hwy W	1480	32 L3	Twrs S
CHANUTE Range (Kans)	227(CZ)(116.1)	304° 2.5	SBRAZ DTV	(4)- 116.1
Chanute (Kans)	2 WSW	980	22h L4 S6	80,91 oct Hwy NW
CLARENDON Range (Tex)	233 (CP)	190° 0.2	MRLW	
(P) Clarendon, 4, AQ-FV	3.8 W;RR NE	2869	40 L3 S6	80,91 oct (Tex)
Childress (Tex)	3.2 ESE;RR NE	1930	30 S4	73,80 oct P-line sur fld
(A) Childress AAF (Tex)(A)	5.2 W;RR N	1952	60h	TMP INACT NO FACS
Clinton (Okla)	17 SW;hwy E	1932	65h	
Coffeyville, Mun. #1	5 NNE	743	59h S2	80 oct (Kans)
Coffeyville, Mun #2	2 NW;riv E	880	26h L3 S6	80 oct Poles NW;hi-line SW Use rnwys only
Commercial (Okmulgee, Okla)	3 4 E;RR N	682	25 S2	Ltd 73 oct Poles SW
Commercial (Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct Trees SW
Commercial (Quanah)	1.8 S;hwy E,N	1568	21 S2	Ltd 80 oct (Tex Okla)
Community (Ada, Okla)	6.8 WNW	1000	18 S6	80 oct RR NE
Cordell (Okla)	1.3 NW;RR E	1550	20 S1	80 oct
(P) Cushing (Okla)	2 S;RR E	913	52h L5 S6	73,80 oct
* Dill Int, 14, AQ-LS (Okla)	0.5 NW;hwy N	1876	26 L3	P-line N,E
DODGE CITY H Fac (Kans)	362(OD)(116.1)		MHTV	(4); 116.1
Dodge City (Kans)	3.5 ENE;RR SE	2594	47h L3 S6	80,91 oct Fld lgts prior
(A) Dodge City AAF (Kans)	6 NW;RR S	2621	65h	CLOSED (A) req
(A) Dodge City #4 (Kans)(A)	17.4 NNE	2465	60h	CLOSED
Dukes (Carnegie, Okla)	1 NNW;riv S	1250	26 S1	80 oct P-line S
Edgewood (Coffeyville. Kans)	2.5 WNW;RR E	745	25 S1	80 oct P-line E,S
(A) Enid AAF (Okla)(A)	4 SSW;RR E	1287	56h	TMP INACT NO FACS
Eureka (Kans)	2 E;RR N	1100	26 S1	80 oct Hi-line S. Data
Ferguson (Coffeyville)	5 E;RR NW	790	36	(Kans) unver.
(A) Frederick AAF (Okla)	3.5 SSE	1233	60h	CLOSED (A)
Fredonia Mun. (Kans)	3 NNE;RR E	880	26 S1	80 oct
→ GAGE Range (Okla)	266(VM)(vhf)	224° 2.1	SBRAZ-DTV	(4);116.1 122.1
(P) Gage (Okla)	1.8 SW;riv N	2223	55h L5 S1	80 oct
GARDEN CITY Range (Mun.) (Kans)	257 (GK) (116.1)	168° 3.7	SBRAZ-DTV	(4)- 116.1
Garden City Mun. (Kans)	3.3 E;riv S	2841	45 L3 S6	73,80 oct. Fld lgts on req
(A) Garden City AAF (Kans) (A)	9 ESE;riv S	2894	65h	TMP INACT NO FACS
(A) Garden City #1 (Kans)	19.5 ESE	2814	30h	CLOSED (A)
(A) Garden City #2 (Kans)	13.4 E	2856	30h	CLOSED. (A)
(A) Garden City #3 (Kans)	6 ENE	2917	30h	CLOSED. (A)
Geary (Okla)	1.4 E;RR N	1300	21 S2	73 oct
Glenn Martin (Liberal) Kans)	2 ESE;hwy SW	2853	35 S2	80 oct P-line SE,SW
Grandfield (Okla)	1.2 SE;RR N	1100	13 S1	73 oct.
(A) Grandfield #3 (Okla)(A)	3.1 W;RR NE	1128	45h	CLOSED.
(A) Great Salt Plains (Jet. Okla) (A)	6 NNE;dam 1 N	1200	55h L5	
Greensburg (Kans)	1 ESE;RR N	2230	26 S1	80 oct Poles N
Haddock (Erick, Okla)	1.4 SW;RR N	2017	34 S1	80 oct P-line N,NW
Halliburton (Duncan Okla)	1 S;RR E	1125	25 L S4	80,88 oct Range lgts
Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct. (Okla)
Hatbox (Muskogee, Okla)	2.7 W;fork RRs	615	39h L3 S6	73,80 oct All lgts prior
Hemphill Co. (Canadian)	1.5 SW;riv N	2300	27 S2	Ltd 73 oct (Tex) req
(P) Hobart Mun. (Okla)	3.8 SE;RR N	1583	53h S6	73 oct
Hohmann (Lone Wolfe)	1 ESE	1576	26 S2	80 oct (Okla)
Holdenville (Okla)	1.2 WNW	864	20 S2	73 oct P-line N RR NE
Hunter's Flight Strip (Hobart, Okla)	0 5 SW;hwy adj	1530	28 S2	Fuel Data unver
HUTCHINSON Range (Kans)	284 (HN) (116.1)	350° 3.1	SBMRLZ-DTV	(4); 116.1
Hutchinson, com (Kans)	5 5 W;riv NE	1605	20 S4	80 oct
(P) Hutchinson, mun.	4 ENE;hwy S	1542	70h L5 S6	80,91 oct (Kans)
(N) Hutchinson NAS (Kans)	8.9 S;RR NNE	1582	70h	INACTIVE (N)
INDEPENDENCE AAF Tower (Kans)	272 (126.18)		CA	(3); 126 18 (7-19)
(A) Independence AAF (A)	5.5 SW;hwy W	820	55h S1	91,100 oct (Kans)
Independence (Kans)	5 N;hwy W	847	22 S4	73-91 oct P-line W
(A) Independence #3 (A)	24 ESE	920	42h	CLOSED (Kans)
Independence #9 (Kans)	12.5 NE	870	40h	
(P) Iola (Kans)	3.2 SSE	1020	48 S6	73,80 oct Road N
Jensen (So. Coffeyville)	0.5 W;RR S,E	735	32 S4	80 oct P-line SE (Okla)
Jimmie Ray (Cherokee)	1.5 E;RR SW	1200	26 S1	80 oct Trees S (Okla)
Kell-Air (Thomas, Okla)	1.2 SW;RR N	1730	24 S2	80 oct
Kingfisher (Okla)	1.3 NW;RR W	1060	24 S6	73 oct
Kingman (Kans)	1.5 NNW	1600	26 S1	73 oct Trees S,SW RR
Kiowa Flying Service (Kiowa, Kans)	3.5 WNW;RR S	1375	19 S1	80 oct P-line SW NNW,SSW
Kittenbrink (Jefferson)	2 E;RR W	1100	23 S2	80 oct Trees N (Okla)
Lawton (Okla)	1 5 S;RR E	1145	26 L2 S4	73 oct Fld lgts prior req Poles NW
(A) Liberal AAF (Kans)(A)	1.5 WNW	2888	70h	CLOSED.
Long (Pryor, Okla)	2 NNE;RR W	650	16 S2	80 oct P-line SW
Meade (Kans)	3 ESE;hwy N	2532	19 S2	80 oct Use strips P-line
McAlester (Okla)	2 SSE;RR W	750	25 S6	80 oct N
Mauks (Blackwell, Okla)	2.7 S;hwy W	987	26 S4	80 oct P-line E
Medicine Lodge (Kans)	2.1 SE;RR S	1520	33 S2	80 oct
(A) Muskogee AAF (Okla)	5.5 S;RR W	610	56h	Hill SW CLOSED (A)
North (Enid, Okla)	3.8 N;RR E	1265	26 S6	80 oct
Nowata (Okla)	1.6 NNE;RR W	600	20 S1	80 oct
OKLAHOMA CITY Range (Okla)	350 (OL) (116.1)	78°, 1.6	SBRAZ-DTV	(3); 116 1, 122 1
(P) Okmulgee (Okla)	3 NNE;hwy W	715	43h L5 S6	73,80 oct Ctc lgts prior req
Olustee (Altus, Okla)	10 SE;riv E	1338	45h	
Pampa (Tex)	1 NNE;RR S	3234	50 S6	80,91 oct P-line S
(A) Pampa AAF (Tex)(A)	12.3 E	3124	65h	CLOSED
* Pampa Int, 4, AQ-KC	1.9 NE;RR S	3197	50 L3 S1	80,91 oct. (Tex)
Parsons (Kans)	2 NW;RR S	936	22 S2	80 oct Soft in wet weathe
Pawhuska (Okla)	3 8 W;RR E	1000	27 L S1	80 oct Port rnwy lgts P-line NE
(A) Perry (Okla) (A)	6.6 N;hwy W	1008	52h	CLOSED.
(P) Perryton (Tex)	3 ENE;hwy N	2942	30 S4	80 oct No sto Allway fld P-line SE, windmill
PHILLIPS Tower (Okla)	278		CI	3105 (on req) SW
Phillips (Bartlesville)	1.7 WNW	750	35h L4 S2	80,91 oct (Okla) Hwy S
Plains (Kans)	1.3 NNE;hwy N	2772	30 S2	80 oct P-line S,E
PONCA CITY H Fac (Okla)	368(PC)(116.1)		MHTV	(4);116.1,122.1
(P) Ponca City (Okla)	2 3 NNW;RR S,E	998	36h L4 S6	73,87 oct Antenna bet twr & hangar, lgtd
Ponder (Mangum, Okla)	1.6 N;hwy S	1585	26 S2	73,80 oct
POST Tower (Ft. Sill, Okla)	201 (126.18)		CA	(3); 126 18 (8-18)
(A) Post (Ft. Sill, Okla)(A)	3 N	1170	50h L5 S4	Ltd 100 oct
Pratt Mun. (Kans)	2.5 ENE;hwy S	1916	25 S6	73,80 oct.
(A) Pratt AAF (Kans) (A)	4 N;hwy E	1960	80h	CLOSED
Roosevelt (Okla)	0.5 NW;rd N	1400	24 S1	80 oct P-line N
Sapulpa (Okla)	1.5 ENE;RR W	730	26	P-line S.
Satanta (Kans)	1 N;RR S	3050	26 S2	80 oct.
Sayre Mun. (Okla)	8.5 SSW	1937	50h	
Sayre (Okla)	2.3 N;hwy W	1990	26 S4	80 oct
Seminole (Okla)	3.4 NNW;hwy E	1012	35 S2	80 oct Trees W,NW
Sentinel Memorial	0.8 SSW;RR W	1600	24 S1	73 oct (Okla)
(P) Shawnee (Okla)	2 NW;RR E	1080	42h L5 S2	80,91 oct. Fld lgts prior
Stafford (Kans)	2.6 WSW;RR N	1889	26 S6	80,91 oct. Poles N,S req
Stark (Coldwater, Kans)	0.7 NE;RR SE	2100	29 S2	80 oct Poles N,S,E,SE
(P) Stillwater #1 (Okla)	3.2 NNW;hwy E	985	50h L3	NE
Stillwater #2 (Okla)	5 6 SSE;hwy W	980	29 S6	73,80 oct
Strickland (Hazelt'n, Kan)	2.6 E;RR S	1310	26 S6	73,80 oct Poles E,N
* Stroud Int, 29A, AQ-LS	3 N;hwy W	883	27 L3	P-line W lgtd (Okla)
TINKER Army Range (Okla)	221 (DTE)	170°, 5.3	BMRAZ	4495
TINKER Tower (Okla)	396 (126.18)•		CA	(3), 126 18
(A) Tinker (Oklahoma City, Okla) (A)	8 5 SE;RR NE	1269	78h L5 S6	73,100 oct JP-1
Tishomingo (Okla)	7.5 N	800	29	
Tonkawa (Okla)	1 6 S, riv NW	1000	25 S1	73 oct P-line S,E
Topper (Vinita, Okla)	3 9 SW	800	24	RR ESE
TULSA Tower (Okla)	278 (126 18, 118 5)		AC (ILS)	(4), 118 5, 126 18, 122 5
(A) Tulsa (Okla)	6 2 NE, RR S	674	71h L5 S6	73-91 oct 73,100 oct
Tulsa North (Tulsa, Okla)	4 5 NNW;RR E	700	25 S2	80,87 oct Army Poles S,SW,SE
Turkey (Tex)	2 7 SSW;hwy E	2350	18 S2	80 oct
* Twitty Int, 8A, AQ-LS	1 SE, hwy W	2225	38 L3	(Tex)
Vernon (Tex)	5 N, hwy E	1250	43h S6	73,80 oct No sto
* Vernon Int, 15, AQ-FV	8.8 NNW;hwy E	1332	32 L3	(Tex)
Victory (Vernon, Tex)	5 9 SSW;hwy E	1230	20h S2	No fuel
Walker (Ada, Okla)	5 4 S, hwy W	860	32 S6	73,80 oct Trees sur
Walker (Altus, Okla)	1 6 W, RR E	1400	26 S4	80 oct P-line N fld
Walters (Sedan, Kans)	8 N, hwy W	1000	26	PRIVATE
Walters (Okla)	1 2 SW, RR E	1005	26 S4	80 oct
Watonga (Okla)	1 2 NW; riv SW	1460	16 S6	80 oct Poles S
Weatherford (Okla)	2 7 ENE, RR S	1550	27 S2	80 oct
Wellington (Tex)	1 SE, hwy W	2100	17 S1	80 oct P-line S
Wewoka, com (Okla)	1 8 W, lake N	905	23 S6	80 oct P-line NNE
(P) Wewoka, mun (Okla)	4 7 NE, hwy N	790	30	
White Brothers (Lamont, Okla)	2 WSW; RR E	1000	25 S1	73 oct
WICHITA Range (Kans)	332 (WD) (116.1)	167° 1.0	SBRAZ-DTV	(3); 116.1
WICHITA Tower (Kans)	278 (126 18, 118.7)		AC (ILS)	(4); 122 5, 126 18, 118.7
(NG) Wichita (Kans)	5 3 SE; hwy W	1373	75h L6 S6	80,91 oct 100 oct for Army Pole N.
Will Rogers, 36, AQ-LS (Claremore, Okla)	1 5 NE; RR W	649	29 L3 S6	73 oct
WILL ROGERS Tower (Okla City, Okla)	272 (118 7)		C (ILS)	(4); 118 7, 126 18, 122 5
Will Rogers (Oklahoma City, Okla)	7 5 SW; hwy E	1283	57h L6 S6	80,91, 100 oct
(P) Woodring (Enid, Okla)	5 ESE; RR NW	1159	65h L S2	80 oct Port rnwy lgts prior req
(A) Woodward AAF (Okla)	7.5 W; hwy S, E	2187	55h	CLOSED. (A)
Woodward (mun.) (Okla)	1.5 SE; hwy W	1918	21 L1 S6	80 oct

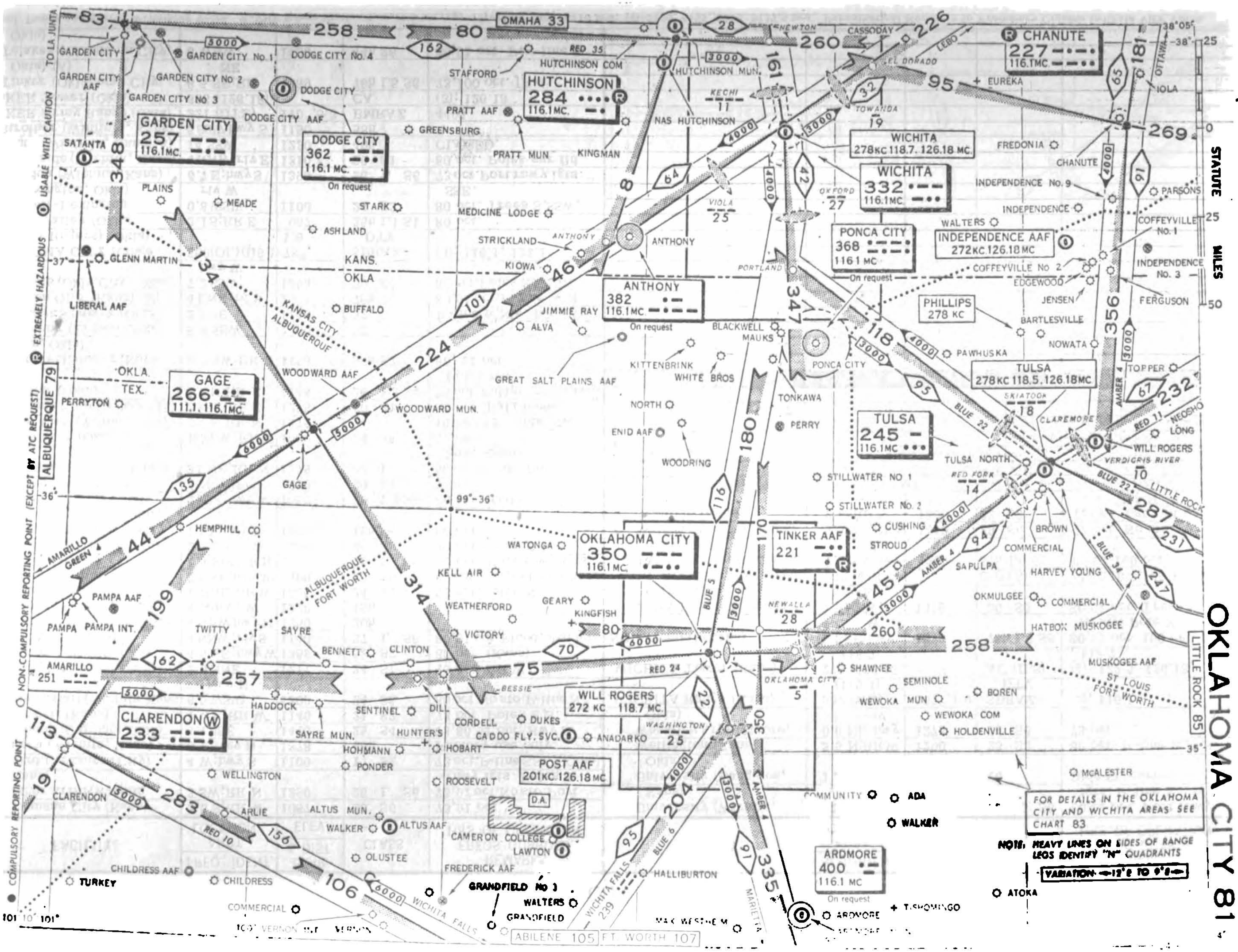
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR BEAR	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
TULSA	110.3	335	354°	IM-	MM- •—•—(0.65)	OM- ——(4.82)	
					MMK-	OMK-263 —	
WICHITA	110 3	335	3°	IM- •——•(0.05)	MM-	OM- ——(5.37)	
					MMK 201—•—(0.69)	OMK-	
WILL ROGERS	109.9	333 8	350°	IM-	MM- •—•—(0.66)	OM- ——(4.6)	
					MMK-	OMK-	

NEW FACILITIES

S-Simul Range and Voice W-Without Voice Z-VHF Range Station Location Marker (3)-3105 4495 6210 kcs (4)-3105, 4495, 6210, 3117 5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice (vhf)-voice on 116 1 and 111 1 mcs +Army A C S transmits on and guards 116 1 137 88 140 58 mcs *Guarded only when associated tower inoperative h-hard surfaced runways R-radio facilities

L-lighting facilities S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted (Jones)-Airline Stop N B Radio facilities are all CAPITALIZED Airports are indented and not-capitalized


OKLAHOMA CITY 81
STATUTE MILES
GARDEN CITY 257 116.1MC.
DODGE CITY 362 116.1 MC. On request
HUTCHINSON 284 116.1MC.
ANTHONY 382 116.1MC. On request
GAGE 266 111.1. 116.1MC.
CLARENDON W 233
WILL ROGERS 272 KC 118.7 MC.
POST AAF 201KC.126.18 MC
OKLAHOMA CITY 350 116.1 MC.
TINKER AAF 221
WICHITA 278KC 118.7. 126.18 MC.
WICHITA 332 116.1MC.
PONCA CITY 368 116.1 MC On request
CHANUTE 227 116.1MC.
INDEPENDENCE AAF 272KC 126.18 MC
PHILLIPS 278 KC
TULSA 278KC 118.5. 126.18MC
TULSA 245 116.1MC
ARDMORE 400 116.1 MC On request
FOR DETAILS IN THE OKLAHOMA CITY AND WICHITA AREAS SEE CHART 83
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 12°E TO 9°E
OMAHA 33
ABILENE 105
FT. WORTH 107
LITTLE ROCK 85
TO LA JUNTA
ALBUQUERQUE 79
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
GARDEN CITY
GARDEN CITY AAF
GARDEN CITY No. 1
GARDEN CITY No. 2
GARDEN CITY No. 3
DODGE CITY No. 4
DODGE CITY
DODGE CITY AAF
SATANTA
PLAINS
MEADE
GLENN MARTIN
LIBERAL AAF
KANS.
OKLA.
TEX.
PERRYTON
STAFFORD
PRATT AAF
PRATT MUN.
GREENSBURG
KINGMAN
HUTCHINSON COM
HUTCHINSON MUN.
NAS HUTCHINSON
STARK
ASHLAND
MEDICINE LODGE
STRICKLAND
KIOWA
BUFFALO
JIMMIE RAY
ALVA
GREAT SALT PLAINS AAF
WOODWARD AAF
WOODWARD MUN.
ENID AAF
WOODRING
KITTENBRINK
WHITE BROS
BLACKWELL
MAUKS
TONKAWA
PERRY
PONCA CITY
NEWTON
CASSODAY
EL DORADO
LEBO
EUREKA
TOWANDA
KECHI
VIOLA
OKFORD
PORTLAND
FREDONIA
CHANUTE
IOLA
INDEPENDENCE No. 9
INDEPENDENCE
WALTERS
COFFEYVILLE No. 1
COFFEYVILLE No. 2
EDGEWOOD
JENSEN
FERGUSON
PARSONS
BARTLESVILLE
NOWATA
PAWHUSKA
TOPPER
SKIATOOK
CLAREMORE
WILL ROGERS
VERDIGRIS RIVER
LONG
NEOSHO
TULSA NORTH
STILLWATER NO 1
STILLWATER No. 2
RED FORK
CUSHING
STROUD
SAPULPA
BROWN
COMMERCIAL
HARVEY YOUNG
OKMULGEE
HATBOX MUSKOGEE
MUSKOGEE AAF
ST LOUIS FORT WORTH
SHAWNEE
SEMINOLE
WEWOKA MUN
WEWOKA COM
HOLDENVILLE
BOREN
McALESTER
ADA
WALKER
ATOKA
T.SHOMINGO
COMMUNITY
NEWALLA
OKLAHOMA CITY
WATONGA
KELL AIR
WEATHERFORD
GEARY
KINGFISH
VICTORY
CLINTON
BENNETT
SAYRE
TWITTY
PAMPA AAF
PAMPA
PAMPA INT.
AMARILLO
HEMPHILL CO.
CANADIAN
GROOM
MIAMI
PANHANDLE
WELLINGTON
PONDER
HOHMANN
HOBART
ROOSEVELT
HUNTER'S
SENTINEL
DILL
CORDELL
DUKES
CADDO FLY. SVC.
ANADARKO
SAYRE MUN.
HADDOCK
BESSIE
CLARENDON
ARLIE
ALTUS MUN.
ALTUS AAF
WALKER
CAMERON COLLEGE
LAWTON
OLUSTEE
FREDERICK AAF
CHILDRESS AAF
CHILDRESS
TURKEY
COMMERCIAL
VERNON MUN
GRANDFIELD No 3
GRANDFIELD
WALTERS
HALLIBURTON
MAX WESTHEIMER
WICHITA FALLS
MARIETTA
ANTHONY
KANSAS CITY
ALBUQUERQUE
AMARILLO
FORT WORTH
RED 35
RED 24
RED 10
RED 11
BLUE 22
BLUE 34
BLUE 5
BLUE 6
AMBER 4
GREEN 4
99°-36°
36°
37°
38°05'
38°
35°
101°
10'

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Arkansas City (Kans)	3.5 S;RR W	1067	28 S6	73,91 oct.
Arther Arfld (Wichita, Kans)	3 SW;RR N	1290	26 L S6	73,91 oct.No sto.Port rnwy lgts. Poles S.
Baird (Arkansas City)	4 W;hwy S	1100	17 S2	73 oct.P-line S,SW.(Kans)
Beech (Wichita, Kans)	6 E;hwy N	1378	46h	Factory use only.
Bomhoff (Calumet,Okla)	4.1 SSE	1448	25 S4	73,80,91 oct. Hwy S.
Caldwell (Kans)	1.2 E;RR W	1140	21 S2	73 oct. Poles E,S.
Cannon Ball (Wichita,Kans)	6.5 WSW; hwy N	1300	24 S6	80 oct.No sto.P-line N.
Central (Edmond,Okla)	2.6 NNE	1211	24 S1	73 oct. RR W.
Cessna Acft.(Wichita)	4.5 SE;hwy W	1369	53 S2	80 oct. (Kans)
(P) Chickasha (Okla)	4 NNW;riv S	1140	37 L S6	80,91 oct.Flood,obst lgts
Cimmarron (Yukon,Okla)	4 WSW;hwy N	1350	20h	
Culver (Wichita, Kans)	4 N;hwy W	1320	15h	
Derby (Kans)	1 NNE;RR W	1305	24 S1	73 oct.Poles N.
El Dorado (Kans)	3.6 SE;hwy W	1400	25 S6	80 oct.Soft,wet weather.
(P) El Reno (Okla)	1.5 SW;RR N	1400	26 L S6	80 oct. Port rnwy lgts.
Frasier (El Dorado,Kans)	2.5 S;riv W	1300	25 S6	80 oct.Poles E,NE.
Garthoeffner Co. Club (Oklahoma City, Okla)	7.3 S;hwy E	1250	19h S6	80 oct.
★ Guthrie Int,21,FV-WD	2 SSE;hwy W	1052	26 L3 S6	80 oct. (Okla)
Hilltop (Augusta, Kans)	2 NE;RR SE	1260	20 S1	73 oct.
Ken-Mar (Wichita,Kans)	3 ENE;RR N	1375	23 L S6	80 oct.No sto.Port rnwy lgts. Obsts.
Kingfisher (Okla)	1.3 NW;RR W	1060	24 S6	73 oct.
Lake View (Yukon, Okla)	2.7 E;RR N	1275	24	PRIVATE. Poles N,S.
Mariash (Chickasha,Okla)	2 SSE;RR E	1275	30 S1	80 oct. Data unver.
Marlow (Okla)	1.6 N;RR E	1145	26 L2 S4	73 oct.Fld lgts prior req. Poles NW.
Max Westheimer (Norman, Okla)	2.7 NW;RR E	1178	50h S2	80, 91 oct.
(P) Mustang (El Reno,Okla)	5.3 SSW	1400	52	
Newkirk Skypark (Okla)	2.5 SE	1140	32	P-line N,NW. RR SW.
(N) Newton OLF (Kans) (N)	4 ENE;rd S	1527	70h S6	80,91 oct.P-line W,N.
Nuckols (Okla.City, Okla)	7.2 SSW; hwy W	1265	30 S6	80 oct.Poles N,W,SW
OKLAHOMA CITY Range (Will Rogers) (Okla)	350(OL)(116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Pauls Valley (Okla)	2.1 S;RR E	967	35h L1 S1	80 oct.
Purcell-Lexington (Lexington, Okla)	0.8 WSW; riv W	1100	24 S2	80 oct. Trees S,SSW, SSE.
Rawdon (Wichita, Kans)	6.7 E;hwy S	1396	26 L S6	73 oct.Port rnwy lgts.
Riverside (Wichita, Kans)	4 NNW;riv E	1310	26 S1	80 oct. Poles sur fld.
(A) South (Winfield, Kans)(A)	14 SSW	1230	40h	CLOSED.
(P) Strother (Winfield, Kans)	5 SSW;hwy S	1150	58h	
TINKER Army Range (Okla)	221 (DTE)	170°,5.3	BMRAZ	4495
TINKER Tower (Okla)	396 (126.18)+		CA	(3); 126.18
(A) Tinker (Oklahoma City, Okla) (A)	8.5 SE;RR NE	1269	78h L5 S6	73,100 oct. JP-1
Tulakes (Oklahoma City, Okla)	8 WNW	1400	44h S6	80,91 oct. Pwr line S.
University (Wichita, Kans)	5 NE;RR N	1350	27 L S6	80,91 oct. Port rnwy lgts. P-line E.
University (Langston, Okla)	1 S;road N	1025	26	Bldg SE corner.
Wellington (Kans)	3.5 N;RR W	1290	23 S2	80 oct. P-line W,E,S.
Wheatley Arpk (Moore, Okla)	0.6 NE;hwy W	1273	24 S6	73 oct.
WICHITA Range (Kans)	332 (WD) (116.1)	167°,1.0	SBRAZ-DTV	(3); 116.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(NG)[Wichita] (Kans)	5.3 SE;hwy W	1373	75h L6 S6	80,91 oct 100 oct. for Army. Pole N
Wiley Post (Oklahoma City, Okla)	7.9 NNW; hwy E	1216	30 S6	80,91 oct. Trees S.
WILL ROGERS Tower (Okla)	272 (118.7)		C (ILS)	(4); 118.7,126.18,122.5
[Will Rogers] (Oklahoma City, Okla)	7.5 SW;hwy E	1263	57h L6 S6	80,91,100 oct
Wilson (Wichita, Kans)	7.5 NE;RR N	1410	29 S6	73 oct. No sto.
Winfield (Kans)	2 E;RR S	1200	22 S2	73 oct Lgt acft only. Pwr line N.

INSTRUMENT LANDING SYSTEMS (*Localizer and G.P. in mcs, Compass Locators in kcs*)

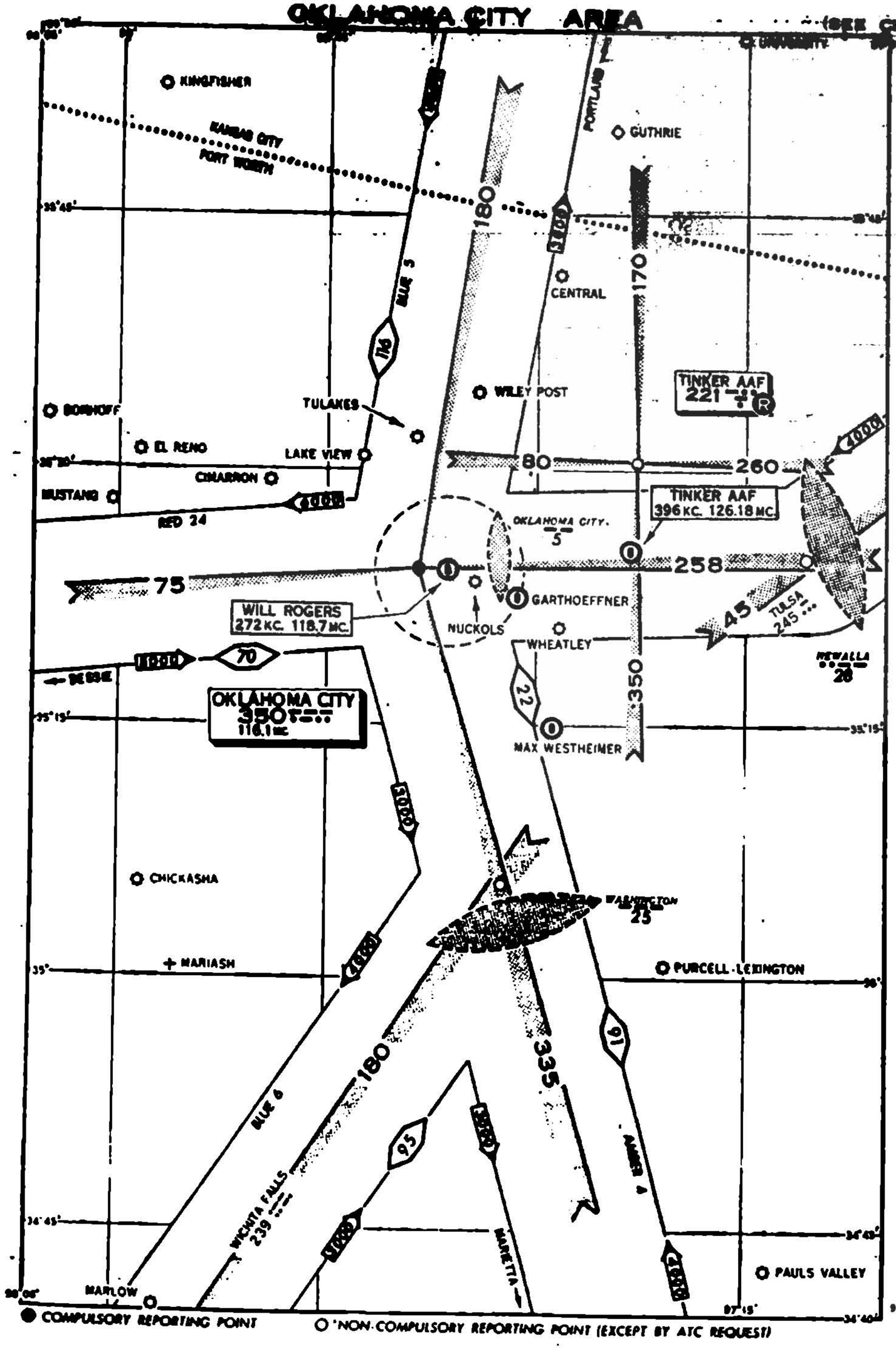
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WICHITA	110.3	335	3°	IM- ••••••(0.05)	MM-	OM- ——(5.37)
					MMK-201—••(0.69)	OMK-
WILL ROGERS	109.9 ——•—••	333.8	350°	IM-	MM- —•—•(0.66)	OM- ——(4.6)
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) —► NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

OKLAHOMA CITY AREA

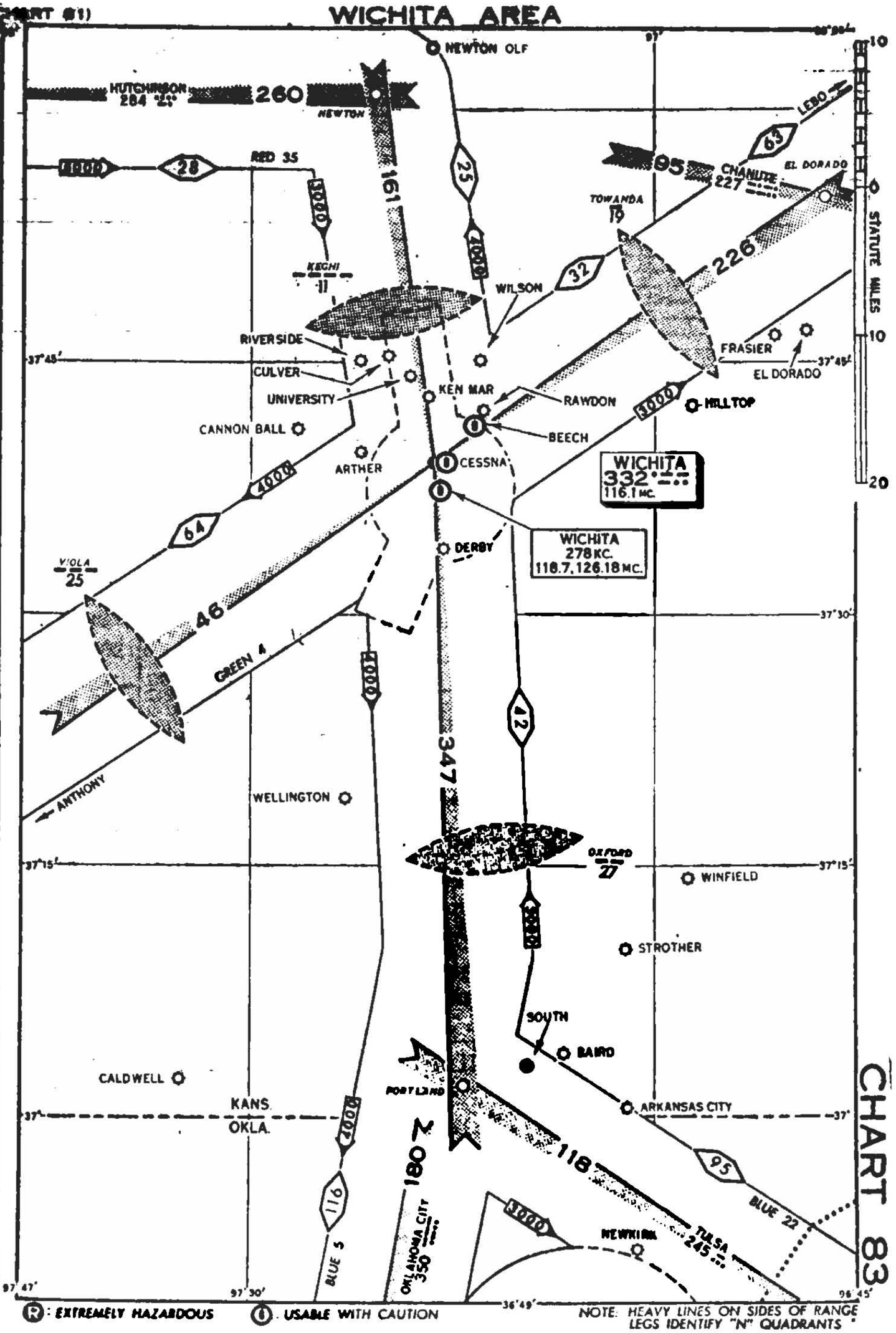
(SEE CHART #1)



● COMPULSORY REPORTING POINT

○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

WICHITA AREA



R : EXTREMELY HAZARDOUS

U : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

STATUTE MILES 10 0 10 20

CHART 83

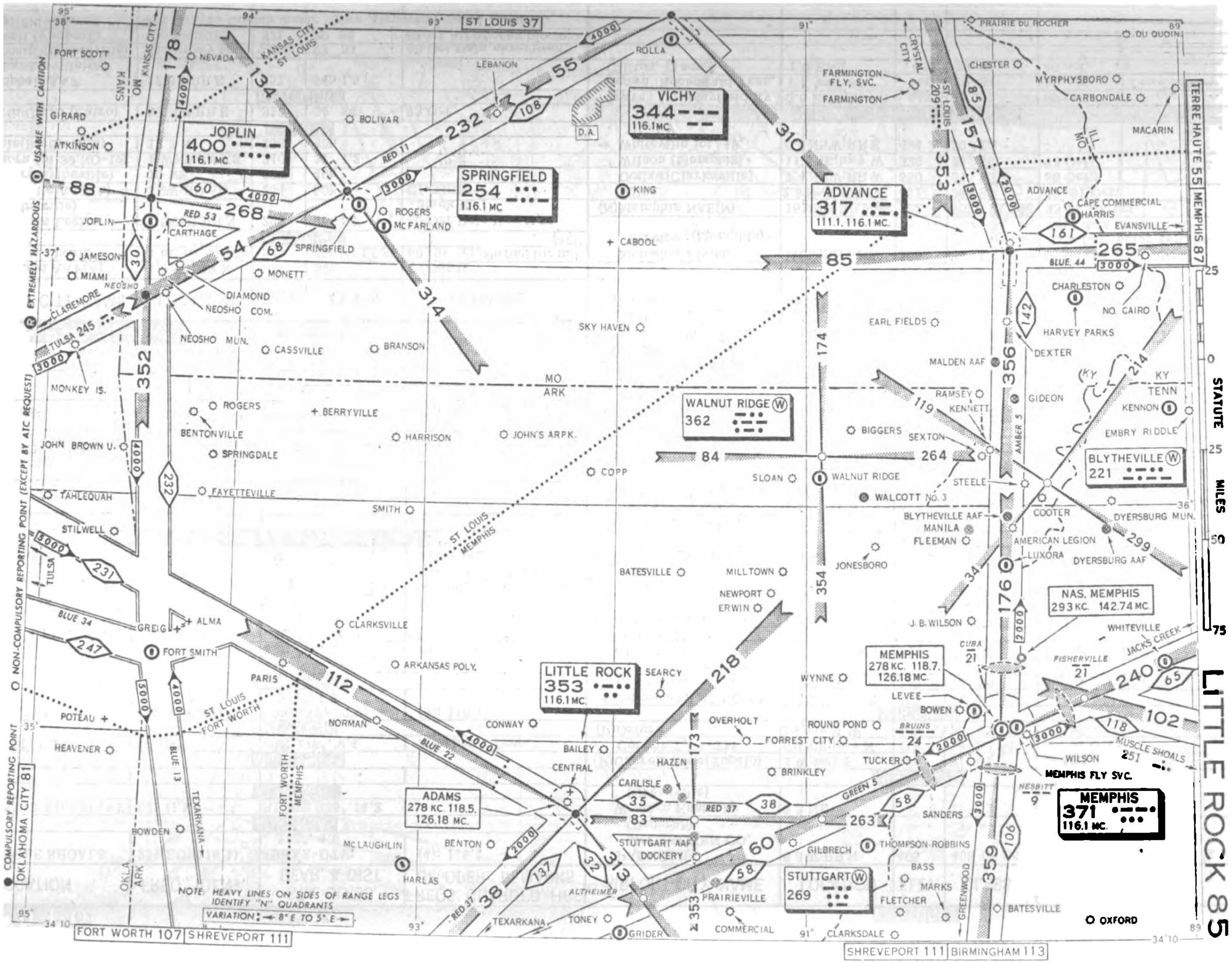
FACILITY	FREQ IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
ADAMS Tower (Ark)	278 (126.18, 118.5)		C	(4); 126.18,118 5 122.5 (7-23)
(NG) [Adams](Little Rock. Ark)	4 E;RR W	260	52h L5 S6	80. 91 oct
ADVANCE Range (Int) (Mo)	317(AF)(116.1)	354°. 1.5	SBMRAZ-DTV	(4): 116 1
* Advance Int,48,NO-LS	0.8 WSW;RR S	355	29 L3	(Mo)
Alma (Ark)	1.5 NNE		22 S2	80 oct. Data unver.
American Legion (Blytheville, Ark)	1 5 ESE;RR N	260	26 S6	80 oct P-line N,W Stack E
Arkansas Polytechnic (Russellville, Ark)	1 3 N;hwy W	350	23 S6	80 oct P-line SE
(P) Atkinson (Pittsburg Kans)	2 5 NW;RR W	948	40h L S6	80 oct Port rnwy lgts
Bailey (Cabot, Ark)	0.5 W;RR E	270	16 S1	80 oct Trees sur fld
Bass (Lula, Miss)	2.2 SSE	200	13 S1	80 oct.N blckd Hwy E
Batesville (Desha,Ark)	1 SE;hwy E	400	20 S1	73 oct P-line NE
* Batesville Int,29,NO-LS (Miss)	3 W;hwy SE	205	25 L3	Poles N. lgtd
Benton (Ark)	1.6 W;RR S	300	20 S6	80 oct Poles S
Bentonville (Ark)	1.5 SSW;RR N	1200	24 S1	80 oct
Berryville (Ark)	1.3 WNW	1150	13	Trees S Cattle RR E
Biggers (Ark)	2 ESE	290	45	RR NW.
BLYTHEVILLE AAF Rng (Ark)	221 (LY)	226, 14.2	RLW2	
(A) Blytheville AAF (A)	3 NW;RR SW	254	50h	CLOSED (Ark)
Bolivar (Mo)	1.8 WSW	1138	25 S2	80 oct.Poles N Hwy N
Bowden (Mena, Ark)	1 E;RR NW	1177	16 S1	73 oct
Bowen (West Memphis, Ark)	1 5 W;hwy N	215	17 L S6	80 oct Flood lgts ; port rnwy lgts Poles
Branson (Mo)	4 W;hwy W	1069	21	Trees SW SE
(P) Brinkley,37,DL-LV (Ark)	1 E;RR N	188	31 L3 S1	80 oct davs Obst NW
Cabool (Mo)	0.8 SW		18 S1	80 oct Data unver
Cape Commercial (Mo)	4.8 SW;RR S	340	28 S6	80,91 oct 8'dike S
Carbondale (Ill)	0.1 E	450	20 S4	80 oct No sto
(A) Carlisle (Stuttgart)(A)	26 NW;RR S	236	45h	CLOSED (Ark)
Carthage (Mo)	2 S;hwy E	1007	23 L S4	80 oct Port rnwy lgts P-line W, SW
Cassville (Mo)	3.9 S;hwy E	1375	24 S2	80 oct Trees SW
Central (Little Rock)	4.5 NE;RR S	255	35 S4	80 oct Trees W Data un-
Charleston (Mo)	1 ESE;RR NW	300	31 S2	80 oct Poles Silver (Ark)
Chester (McBride,Mo)	3.8 NW;riv N	372	20h	Allway: 5388 x 4695'
Clarksdale (Miss)	1 5 SE;hwy NW	175	22 S6	73 oct Use strips only
Commercial (De Witt)	2.4 W;RR N	196	24 S4	80 oct P-line E (Ark)
(P) Conway (Ark)	1.5 SE;hwy W	309	32 S6	80,91 oct
Cooter (Blythev'l,Ark)	10 NE	260	40h	
Copp (Calico Rock,Ark)	1.8 N	425	18 S1	80 oct Fence S
Dexter (Malden, Mo)	12.5 NNE	215	45h	
Dockery (Stuttgart,Ark)	1.5 NNW	214	24 S2	73,80 oct P-line N,S,E
Diamond (Mo)	2.1 SSW;RR S	1150	19 S2	80 oct P-line N,NE,SE
(A) Dyersburg AAF (Tenn)	9 S;RR E	289	62h	CLOSED. (A)
Dyersburg Mun.(Tenn)	2 SW;riv N	337	40h S4	80 oct. No sto
Earl Fields (Poplar Bluff, Mo)	3 8 ENE: hwy S	325	32 S6	80,91 oct
Embry Riddge (Union City, Tenn)	5 ESE;riv WNW	340	18h	Allway 4620 x 3960'
Erwin (Newport,Ark)	2.5 SSE	220	45h	
Farmington (Mo)	1 ESE;hwy N,E		35 S6	80 oct Data unver.
Farmington Flying Service (Mo)	0 8 NNE. hwy S	920	17 S4	73 oct Poles NW
(P) Fayetteville (Ark)	3.8 S;RR W	1251	38 S6	73 oct.
Fleeman (Manila,Ark)	0.8 S;RR N	240	32 S2	80 oct P-line N,NE
Fletcher (Clarksdale)	8 NNE;RR W	175	20h S6	80, 91 oct (Miss)
Forrest City (Ark)	0.7 W;hwy SE	226	22 S2	80 oct Bldg S
Fort Scott (Kans)	4.5 SW;hwy S	900	28 S2	80 oct.
(P) [Fort Smith] (Ark)	4 SSE;RR S	450	35h L3 S6	80,91 oct 150'stacks W
(A) Gideon (Malden, Mo)	1 SE Gideon	268	45h	CLOSED.
Gilbrech (Palmer, Ark)	0.2 NE;RR S	178	17 S2	80 oct N/S strip rough
Girard (Kans)	1.7 WNW	950	14	Trees E,RR E,Poles W
Greig (Van Buren,Ark)	4.1 E	450	13	RR 1.5 mi N
(P) Grider (Pine Bluff,Ark)	5.5 SE;hwy N	210	45 L S6	73,80 oct Port rnwy lgts
Harlas (Malvern,Ark)	2.1 WSW	275	26 S1	73 oct P-line NE RR SE
Harris (Cape Girardeau, Mo)	6.5 SSW; hwy E	340	20h S6	80,91 oct
Harrison (Ark)	4.1 NW;RR S	1050	32 S1	80 oct.
Harvey Parks (Sikeston, Mo)	2 NE;RR S	315	66	P-line W Allway area
(A) Hazen(Stuttgart,Ark)(A)	18.7 NNW	225	45h	CLOSED. RR N
Heavener (Okla)	2 N;hwy W	575	27	
J.B.Wilson (Joiner,Ark)	0.5 ENE	225	15	Trees NE. Hwy W
Jameson (Picher,Okla)	4.5 W	870	26	
John Brown Universtiy (Mosley,Okla)	3.6 ESE: hwy S	1183	27 S4	80 oct
John's Arpk.(Flippin)	0.3 NNW	620	11 S1	80 oct.Trees N,RR S
(P) Jonesboro (Ark)	3.5 ESE; RR N,SW	264	44h S6	80,91 oct Use (Ark) rnwys
JOPLIN Range (Mo)	400(JH)(116.1)	172°. 6.2	BMRLZ-DTV	(4); 116 1
(P) [Joplin] (Mo)	5 NNE;RR N	981	43h L4 S4	80, 91 oct
Kennett (Mo)	1.3 E;RR W	260	26	30' poles N
Kennon (Union City. Tenn)	3.2 WSW; hwy N	350	25 S6	80 oct No sto P-line N
King (Houston,Mo)	0.8 WNW	1180	15 S1	80 oct.Poles S Hwy ESE
* Lebanon Int,54B,AQ-LS	2.5 SSE	1380	26 L3	(Mo) Hwy E
Levee (W Memphis Ark)	2 4 E;RR N	215	24 L S4	80,91 oct.Port rnwy lgts P-line N,S
LITTLE ROCK Range (Adams) (Ark)	353 (LI) (116.1)	313°. 3.8	SBRAZ-DTV	(3); 116 1. 122 1
* Luxora Int,39,NO-LS	1 WNW	240	31 L2	(Ark). Hwy S.
McFarland (Springfield)	4 SSE;RR E	1310	21 S4	73,80 oct (Mo)
(P) McLaughlin (Hot Spgs. Ark)	3 SW;RR N	525	41h L5 S6	80 oct.Bldg,twr N All lgts prior req.
Macarin (Marion, Ill)	4.6 WNW	470	35 S6	80,91 oct. Hwy W
(A) Malden AAF (Mo)(A)	3.5 NW;RR E	296	50h	CLOSED.
(A) Manila (Blythev'l,Ark)	13.5 W;lk E	240	75	CLOSED. (A)
Marks (Miss)	1.5 NW;hwy N	160	22 S2	73 oct.P-line S
MEMPHIS Range (Tenn)	371 (PS) (116.1)	356°. 2.1	SBRAZ-DTV	(3): 116 1 122 1
MEMPHIS Tower (Tenn)	2'8 (126 18. 118.7)		AC (ILS)	(4); 126 18,122 5,118 7 See Notice to Airmen
(A) [Memphis] (Tenn)	5.9 SSE; RR NE	269	52h L6 S6	73-100 oct JP-1 Rdo rqrd Obst W,SE,S,NW
Memphis Flying Service (Tenn)	11 SE;RR 3 NW	286	35 L4 S6	80,91 oct P-line S No bcn Lgts prior req Rnwy lgtg data unver
MEMPHIS NAS Tower	293 (142.74)		CN	3105; 142.74 (6-24)
(N) Memphis NAS (Tenn) (N)	16 NNE;RR NW	322	50h L5 S6	73,91,100 oct
(P) Miami (Okla)	2.2 NNW	800	33h L4 S2	80,91 oct RR E
Milltown (Newport,Akr)	13 NE	244	45h	
Monett (Mo)	0.5 NE;hwy S	1462	24 S2	80 oct.
Monkey Island (Afton. Okla)	7 8 SE;RR NW	750	26 S1	80 oct P-line W
Murphysboro (Ill)	3 N;riv SE		20 S1	80 oct. Data unver
Neosho com. (Mo)	4.8 NNW	1140	26 S1	80 oct.Poles SW.Hwy W
Neosho mun. (Mo)	2.8 SW;hwy E	1215	26 L3 S2	80 oct.Poles N,antenna
(P) Nevada (Mo)	3 NE;hwy N	850	40 S4	73 oct.P-line SW,W,E.
Newport (Ark)	6 ENE;hwy N	237	50h	
Norman (Ola, Ark)	1.8 NNE	348	28	P-line SE. Hwy E.
North Cairo (Cairo,Ill)	3 NNW	312	24 S4	73 oct. RR E
Overholt (Cotton Plant)	3 W;RR NE	250	18 S1	Ltd 80 oct. (Ark)
(P) Oxford (Miss)	8 S;riv N,W	400	30 S2	73 oct.
Paris (Ark)	1.8 NE;RR S	500	23 S1	73 oct.P-line W,E,SW.
Poteau (Okla)	1.5 SSW	460	15	Hwy W.
* * Prairie du Rocher Int, 55, NO-LS (Ill)	0 5 S;RR NE	390	37 L3	Trees S, N
(A) Prairieville (Stuttgart, Ark) (A)	8 2 SE	205	45h	CLOSED
Ramsey (Campbell,Mo)	1.6 SW;RR NW	295	14 S2	Ltd 73 oct.Trees NNE
Rogers (Ark)	2.7 N;RR S	1325	32 S1	80 oct. P-line SE
Rogers Arpk (Springfield, Mo)	2 1 E;hwy W	1367	38h L3 S4	73-91 oct Lgts prior req
Rolla (Mo)	3.5 NE;rd S	1201	31 L S6	80,91 oct.Port rnwy lgts
Round Pond (Ark)	1.5 NNW	200	22 S2	80 oct. Hwy N
(P) Sanders (Walls,Miss)	1.8 S;hwy NW	210	40 S6	73,80 oct Trees E
Searcy (Ark)	2.8 S;RR E	260	14 S1	80 oct P-line NE,SE
Sexton (Kennett,Mo)	2.8 SW;hwy E	263	26 S2	80 oct
Sky Haven (W.Plains,Mo)	2.4 NW	1049	22	RR E.
Sloan (Black Rock,Ark)	0.5 NE;RR W	270	16	
Smith (Hasty,Ark)	3.3 SSW	1150	16 S1	80 oct. Rds S.
Springdale (Ark)	0.8 SSE; hwy W	1200	19 S4	80 oct.P-line NW,SE
SPRINGFIELD Range (Mo)	254 (SX) (116.1)	134° 4.3	SBRAZ-DTV	(4); 116 1
(A) [Springfield] (Mo)	5.5 WNW; RR NE	1269	56h L5 S5	80,91,100 oct 100 oct for Army
Steele (Blythev'l,Ark)	12.3 N	258	40h	
Stilwell (Okla)	1.4 N;RR W	1125	17 S2	80 oct.
STUTTGART (AAF) Range (Ark)	269 (DSA)	173° 4.7	MRLWZ	
(A) Stuttgart AAF (Ark)(A)	7 N;RR E	230	50h	CLOSED.
Tahlequah (Okla)	4.3 N;rd E	1050	22 S4	80 oct.
Thompson-Robbins (Helena, Ark)	6 NW;RR S	242	20h S6	73,80 oct
Toney (Pine Bluff,Ark)	2.5 N;hwy W	215	28 S2	73,80 oct.Twr NW lgtd.
Tucker (Hughes,Ark)	1.1 S;RR W	205	26 S2	80 oct.
(A) Walcott #3 (Walnut Ridge, Ark) (A)	14 ESE	285	45h	1.5 W of Walcott CLOSED.
WALNUT RIDGE Range (Ark)	362 (DWR)	174°. 5.0	MRLWZ	
Walnut Ridge (Ark)	4 NE;RR SE	275	50h	
* Whiteville Int, 49. DL-LV (Tenn)	0 6 NNW;RR E	494	30 L3	
Wilson (Memphis. Tenn)	11 5 SE;hwy W	320	26 S6	73 oct
Wynne (Ark)	3 2 N;RR E	212	17 S2	80 oct. P-line E, SE.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR BEAR	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MEMPHIS	109.9	333.8	86°	IM-	MM- ·-·-(0.69)	OM- — —(4.79)
					MMK 201 ···	OMK- 233 ·—·—
				IM-	MM-	OM-
					MMK	OMK-

NEW FACILITIES

S-Simul Range and Voice W-Without Voice Z-VHF Range Station Location Marker (3)-3105. 4495 6210 kcs (4)-3105. 4495. 6210. 3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice (vhf)-voice on 116 1 and 111 1 mcs +Army A C S transmits on and guards 116 1 137 85 140 58 mcs *Guarded only when associated tower inoperative h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (see page IV) —·— NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop N D Radio facilities are all CAPITALIZED Airports are indented and non-capitalized


ST LOUIS 37
KANSAS CITY
ST LOUIS
FORT SCOTT
NEVADA
GIRARD
ATKINSON
JOPLIN 400 116.1 MC
BOLIVAR
LEBANON
ROLLA
VICHY 344 116.1MC
D.A.
FARMINGTON FLY, SVC.
FARMINGTON
CRYSTAL CITY
PRAIRIE DU ROCHER
DU QUOIN
CHESTER
MYRPHYSBORO
CARBONDALE
MACARIN
TERRE HAUTE 55
MEMPHIS 87
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
JOPLIN
CARTHAGE
SPRINGFIELD 254 116.1 MC
ROGERS
Mc FARLAND
KING
CABOOL
ADVANCE 317 111.1, 116.1 MC.
CAPE COMMERCIAL
HARRIS
EVANSVILLE
JAMESON
MIAMI
CLAREMORE
NEOSHO
DIAMOND
NEOSHO COM.
NEOSHO MUN.
MONETT
SKY HAVEN
EARL FIELDS
CHARLESTON
NO. CAIRO
HARVEY PARKS
DEXTER
TULSA 245
MONKEY IS.
CASSVILLE
BRANSON
MALDEN AAF
RAMSEY
KENNETT
GIDEON
KENNON
EMBRY RIDDLE
MO
ARK
KY
TENN
ROGERS
BENTONVILLE
BERRYVILLE
WALNUT RIDGE (W) 362
BIGGERS
SEXTON
BLYTHEVILLE (W) 221
JOHN BROWN U.
SPRINGDALE
HARRISON
JOHN'S ARPK.
COPP
SLOAN
WALNUT RIDGE
STEELE
TAHLEQUAH
FAYETTEVILLE
SMITH
WALCOTT No. 3
BLYTHEVILLE AAF
MANILA
FLEEMAN
COOTER
DYERSBURG MUN.
AMERICAN LEGION
LUXORA
DYERSBURG AAF
JONESBORO
STILWELL
TULSA
BATESVILLE
MILLTOWN
NEWPORT
ERWIN
J. B. WILSON
NAS, MEMPHIS 293 KC. 142.74 MC.
WHITEVILLE
JACKS CREEK
BLUE 34
GREIG
ALMA
CLARKSVILLE
FORT SMITH
ARKANSAS POLY.
LITTLE ROCK 353 116.1 MC.
SEARCY
MEMPHIS 278 KC. 118.7, 126.18 MC.
WYNNE
LEVEE
BOWEN
FISHERVILLE
PARIS
POTEAU
ST LOUIS FORT WORTH
NORMAN
CONWAY
OVERHOLT
ROUND POND
FORREST CITY
TUCKER
BRINKLEY
HEAVENER
BAILEY
CENTRAL
HAZEN
CARLISLE
WILSON
MEMPHIS FLY SVC.
MUSCLE SHOALS
ADAMS 278 KC. 118.5, 126.18 MC.
MEMPHIS 371 116.1 MC.
SANDERS
STUTTGART AAF DOCKERY
GILBRECH
THOMPSON-ROBBINS
BASS
MARKS
FLETCHER
STUTTGART (W) 269
MC LAUGHLIN
BENTON
HARLAS
ALTHEIMER
PRAIRIEVILLE
COMMERCIAL
CLARKSDALE
GREENWOOD
BATESVILLE
OXFORD
TONEY
GRIDER
TEXARKANA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 8° E TO 5° E
OKLAHOMA CITY 81
FORT WORTH 107
SHREVEPORT 111
SHREVEPORT 111
BIRMINGHAM 113
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
STATUTE MILES
LITTLE ROCK 85

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER.. REMARKS
ALABAMA			
MUSCLE SHOALS	251(ED)(116.1)	SBRAZ-DTV; 262°, 4.6	(4); 116.1
ARKANSAS			
BLYTHEVILLE(AAF)	221 (LY)	RLWZ; 226°,14.2	
KENTUCKY			
MISSISSIPPI			
NESBITT FM	(- - -)	FM; 179°, 9.4	Memphis, Tenn.
MISSOURI			
→ ADVANCE (Int.)	317(AF)(vhf)	SBMRAZ-DTV; 354°, 1.5	(4); 116.1
TENNESSEE			
CUBA FM	(-)	FM; 356°, 20.5	Memphis
FISHERVILLE FM	(- -)	FM; 60°, 20.5	Memphis
JACKS CREEK (Int.)	332(JK)(116.1)	BMRLZ-DTV; 186°, 2.62	(4); 116.1
MEMPHIS	371(PS)(116.1)	SBRAZ-DTV	(3); 116.1,122.1
Memphis Airport	278 (126.18, 118.7)	AC (ILS): 356°,2.1	(4);126.18,122.5,118.7 See Notice to Airmen
Memphis NAS	293 (142.74)	CN	3105; 142.74 (6-24)
NEW AIRPORTS			

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MEMPHIS	109.9 •—•— •••	333.8	86°	IM–	MM– ••—•—(0.69)	OM– ––(4.79)
					MMK201 •••(0.69)	OMK233 ——•—(4.79)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

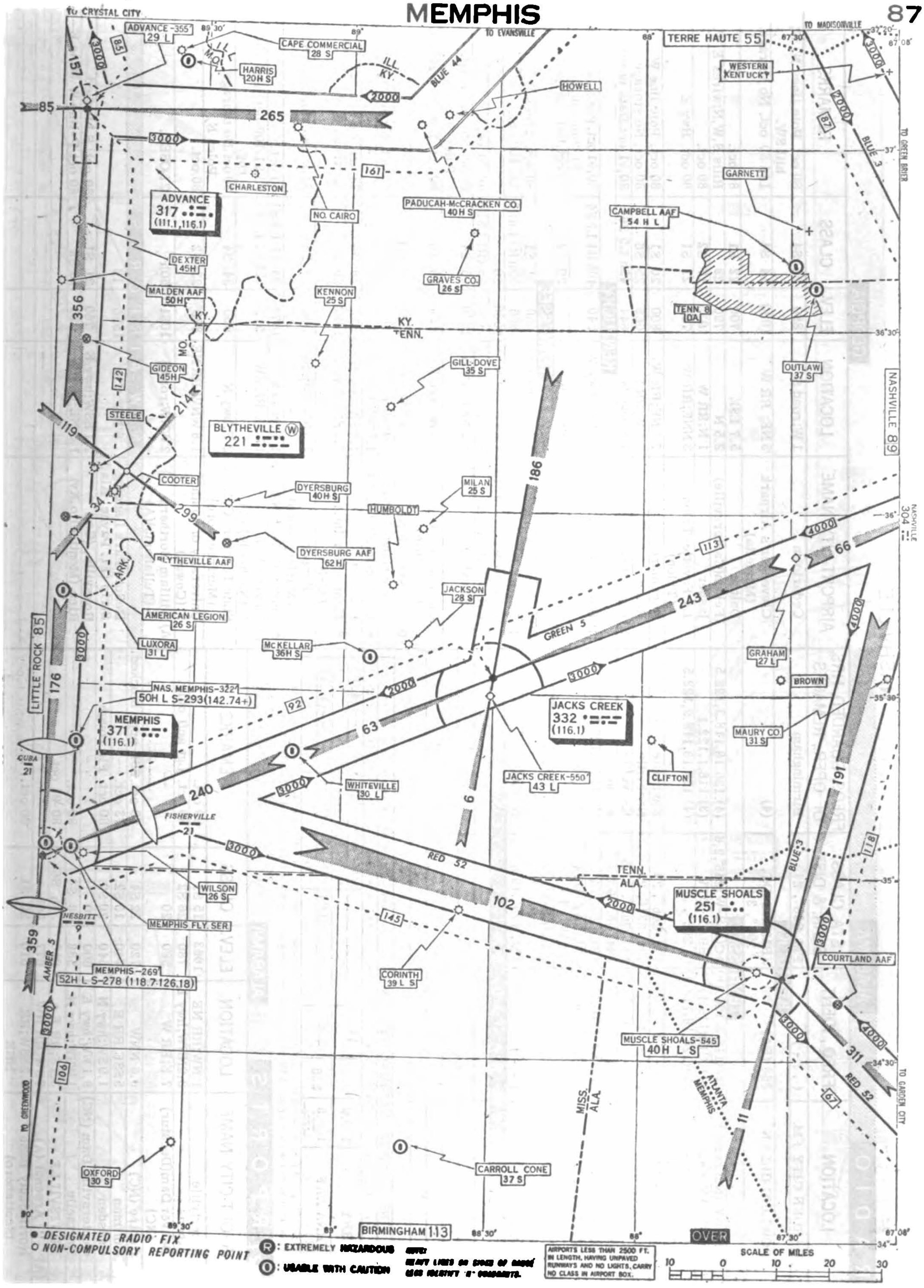
AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ALABAMA				
(A)Courtland AAF(A)	1.5 SW;RR N	588	50h	CLOSED
Muscle Shoals	1.5E;dam NNW	545	40h R1 L5 S6	80, 91 Oct. No fuel for mil acft
ARKANSAS				
American Legion (Blytheville)	1.5ESE;RR N	260	26 S6	80 Oct.Pole line N,W. Stack E.
(A)Blytheville AAF(A)	3NW;RR SW	254	50h	CLOSED
Cooter(Blytheville)	10 NE	260	40h	
* Luxora Int,39,NO-LS	1 WNW;hwy S	240	31 L2	
Steele(Blytheville)	12.3 N	258	40h	
ILLINOIS				
North Cairo (Cairo)	3 NNW;RR E	312	24 S4	73 Oct.
KENTUCKY				
(A)Campbell AAF (Hopkinsville)(A)	12.8 S;RR E	557	54h L5	
Garnett(Hopkinsville)	6 SSE;hwy W		23 S1	80 Oct.Data unverified
Howell (Paducah)	4 WNW;RR S	371	20 S6	80 oct.All appchs blocked.
Mayfield-Graves County	See Graves County under "New Airports"-name changed.			
PADUCAH-McCRACKEN CO. (Paducah)	8.8 W;RR N	405	40h L5 S6	80, 91 Oct.No Sto. Fld lgts prior req.
Western Kentucky (Greenville)	0.3 NE		23 S2	80 Oct.Data unver.
MISSISSIPPI				
(P)Carroll Cone(Tupelo)	3 W;hwy S	338	37 S1	80 Oct.
Corinth 7,PS-TM	5 WSW;hwy N	418	39 L3 S4	80, 91 Oct.
(P)Oxford	8 S;riv N,W	400	30 S2	73 Oct.
MISSOURI				
* Advance Int,48,NO-LS	0.8 WSW;RR S	355	29 R1 L3	
Cape Commercial (Cape Girardeau)	4.8 SW;RR S	340	28 S6	80, 91 Oct. 8' dike S.
Charleston	1 ESE;RR NW	300	31 S2	80 Oct. Poles S.
Dexter (Malden)	12.5 NNE	315	45h	
(A)Gideon (Malden)(A)	1 SE of Gideon	268	45h	CLOSED
Harris(Cape Girardeau)	6.5 SSW;hwy E	340	20h S6	80, 91 Oct.
Harvey Parks(Sikeston) (NC)	2 NE;RR S	315	66	Pole line W.Allway area.
(A)Malden AAF (A)	3.5 NW;RR E	296	50h	CLOSED
TENNESSEE				
(A)Dyersburg AAF(A)	9 S;RR E	289	62h	CLOSED
Dyersburg, mun.	2 SW;riv N	337	40h S4	80 Oct. No Sto.
Embry Riddle (Union City)	5 ESE;riv WNW	340	18h	Allway: 4620 x 3960'
(P)Gill-Dove (Martin)	3.5 S;hwy E	416	35 S6	80 Oct.
* Graham Int. 59,DL-LV	1.5 NW;hwy E	536	27 L3	
Humboldt	4.6 ESE;hwy W	380	15 S1	80 Oct.
* Jacks Creek Int,53, DL-LV	2 N;hwy E	550	43 R1 L3	
Jackson	2.5 ENE;hwy NW	450	28 S6	80 Oct.
Kennon (Union City)	3.2 WSW;hwy N	350	25 S6	80 Oct.No Sto.Pole line N.
(P)McKellar (Jackson)	5.8 W;RR S	410	36h S6	80 Oct.
Maury County (Mt. Pleasant)	2.5 ENE;RR SW	672	31 S2	80 Oct.Pole line NW
(A)MEMPHIS	5.9 SSE;RR NE	269	52h R3 L6 S6	73,91,100 Oct. JP-1.Radio required.Obst W,SE,S, NW
Memphis Flying Service (Memphis)	11 SE;RR 3 NW	286	35 L4 S6	80,91 Oct.Pole line S No bcn.Lgts prior req.Rnwy lgtg data unverified
(N)Memphis NAS(N)	16 NNE;RR NW	322	50h R1 L5 S6	73,91,100 oct.
Milan	2.8 NNE;RR SE	421	25 S5	80, 91 Oct.
Outlaw(Clarksville)	7.4 NNW;RR W	550	37 S5	80 Oct.
Wilson (Memphis)	11.5 SE;hwy W	320	26 S6	73 Oct.
* Whiteville Int, 49, DL-LV	0.6 NNW;RR E	494	30 L3	
NEW AIRPORTS				
Graves Co.(Mayfield,Ky.)	3.6 ENE;hwy S	543	26 S1	80 oct.
Brown (Hohenwald,Tenn.)	1 E;hwy S	950	20 S1	80 oct.
Clifton, (Tenn.)	1,3 ENE	402	28 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

MEMPHIS

87


TO CRYSTAL CITY
ADVANCE -355
29 L
CAPE COMMERCIAL
28 S
HARRIS
20H S
ILL.
MO.
ILL.
KY.
BLUE 44
TO EVANSVILLE
HOWELL
TERRE HAUTE 55
TO MADISONVILLE
WESTERN KENTUCKY
BLUE 3
TO GREEN RIVER
85
265
157
161
CHARLESTON
ADVANCE
317
(111.1,116.1)
NO. CAIRO
PADUCAH-McCRACKEN CO.
40H S
GARNETT
CAMPBELL AAF
54 H L
DEXTER
45H
MALDEN AAF
50H
KENNON
25 S
GRAVES CO.
26 S
TENN. 8
DA
KY.
TENN.
356
GIDEON
45H
MO.
142
214
GILL-DOVE
35 S
OUTLAW
37 S
NASHVILLE 89
STEELE
119
BLYTHEVILLE (W)
221
COOTER
DYERSBURG
40H S
MILAN
25 S
HUMBOLDT
186
34
299
BLYTHEVILLE AAF
DYERSBURG AAF
62H
ARK.
113
4000
66
JACKSON
28 S
243
AMERICAN LEGION
26 S
LUXORA
31 L
McKELLAR
36H S
GREEN 5
GRAHAM
27 L
BROWN
LITTLE ROCK 85
176
NAS. MEMPHIS-322
50H L S-293(142.74+)
92
JACKS CREEK
332
(116.1)
MAURY CO
31 S
MEMPHIS
371
(116.1)
63
CUBA
21
WHITEVILLE
30 L
JACKS CREEK-550
43 L
CLIFTON
240
6
191
FISHERVILLE
21
RED 52
TENN.
ALA.
MUSCLE SHOALS
251
(116.1)
BLUE 3
118
WILSON
26 S
NESBITT
MEMPHIS FLY. SER
102
145
CORINTH
39 L S
359
AMBER 5
MEMPHIS-269
52H L S-278 (118.7 126.18)
COURTLAND AAF
MUSCLE SHOALS-545
40H L S
311
RED 52
TO GREENWOOD
106
67
ATLANTA
MEMPHIS
11
MISS.
ALA.
OXFORD
30 S
CARROLL CONE
37 S
TO GARDEN CITY
NASHVILLE
304
BIRMINGHAM 113
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON EDGES OF CHART
SEE IDENTIFY 'A' PARAGRAPH.
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.
SCALE OF MILES
10 0 10 20 30

RADIO

ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GARDEN CITY FM	(. . -)	FM, 358°, 23	Birmingham
KENTUCKY			
BOWLING GREEN	368 (BA)	SBMRAZ-DT, 296°, 3.8	(4)
TENNESSEE			
BERRY (Nashville)	278(118.3,126.18)	AC(ILS-W)246°,2,6	(4);126.18,118.3,122.5
CHATTANOOGA	341(CB)(116.1)	SBRAZ-DTV	(3);116.1,122.1
Chattanooga-Lovell Field	278(126.18,118.9)	C, 203°, 3	(4);126.18,118.9,122.5
FAIRVIEW FM	(- - -)	FM, 246°, 23	Nashville
GREEN BRIER FM	(- - - -)	FM, 331°, 23	Nashville
KINGSTON FM	(- - - -)	FM, 263°, 27.5	Knoxville
MT. JULIET FM	(-)	FM, 66°, 9.6	Nashville
NASHVILLE(Berry)	304(NA)(116.1)	SBRAZ-DTV	(3);116.1,122.1
SMITHVILLE (Int)	347(XM)(116.1)	SBMRAZ-DTV 177°, 1.4	(4); 116.1
SMYRNA AAF (Nashville)	219 (126.18)+	CA (ILS-W)	(3); 126.18
WALTERHILL FM	(- -)	FM, 129°,19.6	Nashville
NEW RADIO FACILITIES			

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BERRY	109.9		14°	IM-	MM- ·—·—(0.81)	OM- ——(4.05)
					MMK-365 ·—·—	OMK-
SMYRNA AAF (A)	109.5	335	230°	IM- (0.04)	MM- ·····(0.81)	OM- ——(4.31)
					MMK-	OMK-

S-Simul· Range and Voice. W Without Voice; Z-VHF Range Station Location Marker (3) 3105 4495 6210 kcs. (4)-3105 4495. 6210. 3117.5 kcs
Parenthetical Numbers in Frequency Columns Indicate VHF Voice +—Army AC S transmits on and guards 116 1. 137 00. 140 58 mcs

AIRPORTS

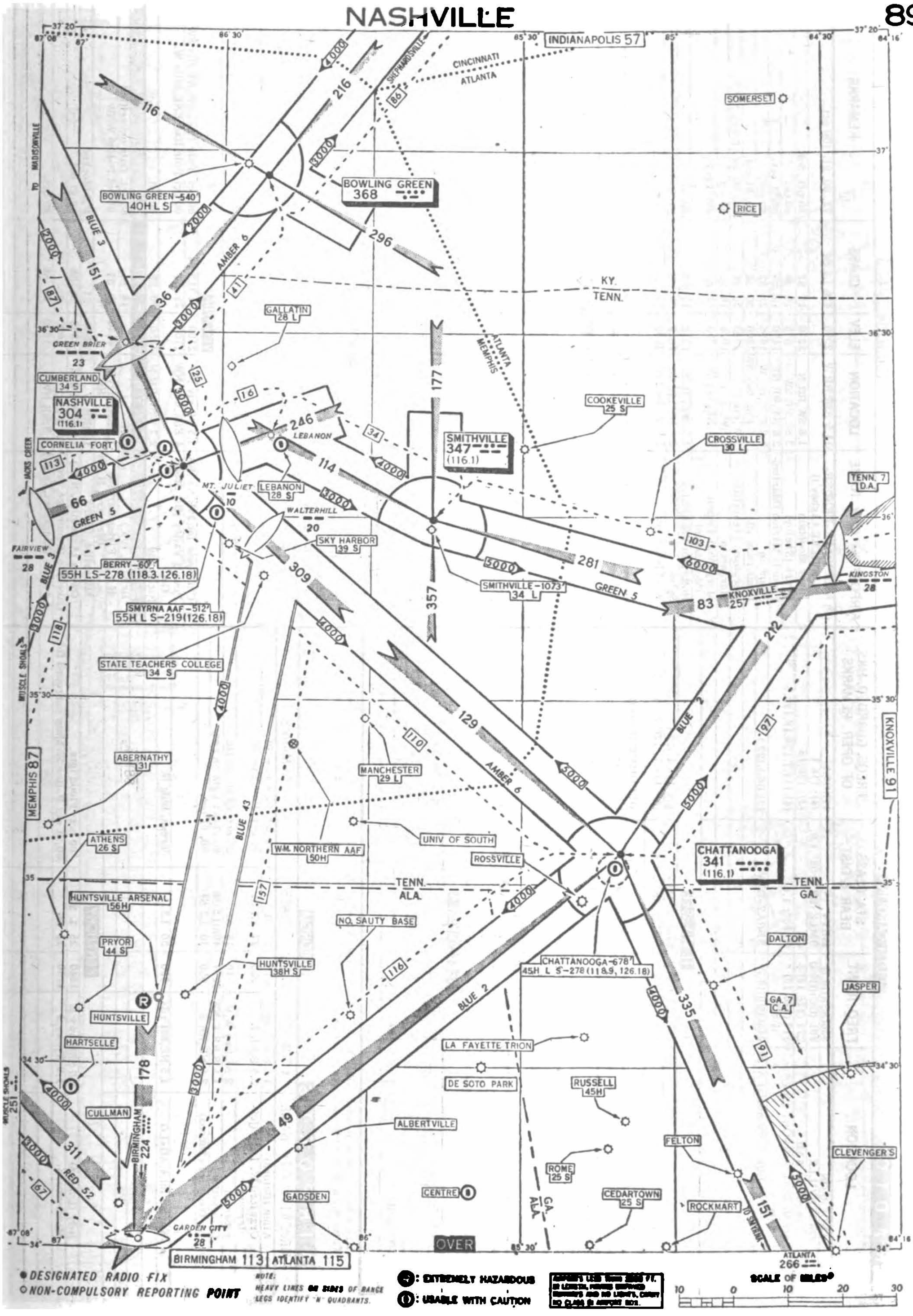
ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Albertville	1 NW;RR NE	1063	15 S1	80 oct.
Athens	3.2NNW;hwy E	780	26 S2	80 oct. Lgt acft only.
Beaver Dam(Decatur) (NC)	7 E;RR W	580	20	
Centre (NC)	0.6 NNW	720	22 S4	80 oct.SSE appr blocked.
Cullman	5SSE;RR E	740	15 S2	73 oct.
Gadsden	1.9SW;hwy N	540	20 S2	80 oct. Fld rough.
Guntersville Dam (NC)	9.1NW;hwy E	600	30	
Hartselle	1WSW;hwy N	588	18 S4	80 oct.
HUNTSVILLE	3.1S;RR E	610	38h S6	80-91 oct.
(A) " Arsenal (A)	7SW;RR NW	677	56h	
North Sauty Base (Scottsboro)	3.2SSW;RR NNE	610	20 S1	80 oct.
Pryor (Decatur)	4 NNE;hwy W	588	44 S6	80, 91 oct.

GEORGIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cedartown	1W;road S	850	25 S4	80 oct. Pole lines N, W; hill SW.
Clevenger's Airpark (Marietta)	5NE; RR W	1080	14 S4	Ltd 80 oct. No storage.
Dalton	5.7 ESE	700	22 S1	80 oct.
Felton(Cartersville)	2.5 N	790	23	Hills S,W,N;wires E,W.
Jasper	1 N;RR W	1935	17 S2	80 oct.
La Fayette-Trion (Trion)	3NNE;RR W	722	21 S1	80 oct. Hwy E
Rockmart	2 ENE;RR W.	800	20 S1	80 oct. Pole line W
Rome	3 NW;RR S	669	25 S6	80 oct. No storage.
(N)Russell (Rome)	7 N;hwy W	644	45h L5 S6	80,91 oct.Data unver.
KENTUCKY				
(P)Bowling Green	2.5SSE;hwy W	540	40h R1 L5 S4	80,91 oct.Fld lgts on req to commun stn.
Somerset	5 N; RR W		20 S2	80 oct.Data unverified.
TENNESSEE				
(P)Abernathy(Pulaski)	3.6SSW;hwy NE	650	31 S1	80 oct. Trees E.
(P)BERRY (Nashville)	6 SE;hwy S	606	55h R3 L6 S6	73, 100 oct.
Boyd(McMinnville)(NC)	4.6SW;RR N	1000	20	
CHATTANOOGA	5.5 E; RR E	678	45h R1 L5 S6	80, 91 oct.
Cookeville	1.5 NNE;RR N	1050	25 S4	80 oct.Sto. in emerg. Poles W
Cornelia Fort (Nashville)	4 ENE;riv E·	420	30 S6	80 oct. Data unverified.
(P) Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	
Cumberland(Nashville)	3 NNW;riv N	400	34 S6	80 oct. No storage.
* Gallatin Int,66,DL-LV	1.5 NW;hwy NE	557	28 L3	
Lebanon	1.8SW;hwy E	522	28 S6	73 oct. No storage.
* Manchester Int,16A, AG-NA	4.5 ESE;hwy SW	1090	29 L3	53' trees W,N.
Sky Harbor (Murfreesboro)	7.3 NW;hwy SW	560	39 S6	73 oct.No sto.Poles NE.
* Smithville Int,5,NA-WA	1 E;road S	1073	34 R1 L3 S1	80 oct.
(A)Smyrna AAF (Nashville) (A)	17 SE;RR SW	512	55h R3 L5 S3	73,91,100 oct.JP-1.No rng.
State Teachers College (Murfreesboro)	2 E;hwy N	600	34 S4	80 oct.No storage. Poles N.
University of South (Cowan)	1.8 WNW;RR NE	870	23 S2	80 oct.
(A) William Northern (Tullahoma)(A)	2 WNW;road S	1081	50h	CLOSED.
NEW AIRPORTS				
DeSoto Park Landing Strip (Ft. Payne, Ala.)	6 NE	1556	18	
Rossville, (Ga.)	2.1 SSW;hwy E	760	21 S1	80 oct. S blocked.
Rice (Monticello,Ky)	1.8 NE;hwy W	920	18 S2	80 oct. P-line W.Mtns E

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA


37° 20'
87° 08'
87°
86° 30'
85° 30'
85°
84° 30'
84° 16'
INDIANAPOLIS 57
CINCINNATI
ATLANTA
SHELBYVILLE
86
SOMERSET
RICE
37°
36° 30'
35° 30'
35°
KY.
TENN.
TENN.
ALA.
TENN.
GA.
GA.
ALA.
MADISONVILLE
BOWLING GREEN
368
BOWLING GREEN -540'
40H L S
116
216
3000
2000
296
BLUE 3
151
AMBER 6
36
87
41
GALLATIN
28 L
GREEN BRIER
23
CUMBERLAND
34 S
NASHVILLE
304
(116.1)
CORNELIA FORT
113
4000
66
GREEN 5
FAIRVIEW
28
BLUE 3
118
JACKS CREEK
MUSCLE SHOALS
MEMPHIS 87
ABERNATHY
31
ATHENS
26 S
HUNTSVILLE ARSENAL
56H
PRYOR
44 S
HUNTSVILLE
38H S
HUNTSVILLE
HARTSELLE
178
CULLMAN
BIRMINGHAM
224
311
RED 52
67
GARDEN CITY
28
BERRY -60'
55H LS-278 (118.3.126.18)
SMYRNA AAF -512'
55H L S-219(126.18)
STATE TEACHERS COLLEGE
34 S
MT. JULIET
10
LEBANON
28 S
246
LEBANON
34
WALTERHILL
20
SKY HARBOR
39 S
SMITHVILLE
347
(116.1)
SMITHVILLE -1073'
34 L
177
357
309
129
BLUE 43
110
MANCHESTER
29 L
W.M. NORTHERN AAF
50H
UNIV OF SOUTH
ROSSVILLE
157
NO. SAUTY BASE
HUNTSVILLE
38H S
CHATTANOOGA -678'
45H L S-278 (118.9, 126.18)
LA FAYETTE TRION
DE SOTO PARK
RUSSELL
45H
ALBERTVILLE
ROME
25 S
CENTRE
GADSDEN
CEDARTOWN
25 S
ROCKMART
FELTON
COOKEVILLE
25 S
CROSSVILLE
30 L
281
5000
103
6000
KNOXVILLE
257
83
KINGSTON
28
TENN. 7
D.A.
212
BLUE 2
97
KNOXVILLE 91
CHATTANOOGA
341
(116.1)
DALTON
GA. 7
C.A.
JASPER
91
335
4000
151
10 SYSTEM
CLEVENGER'S
BIRMINGHAM 113
ATLANTA 115
OVER
ATLANTA
266
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
SOUTH CAROLINA			
ANDERSON	236(AS)(116.1)	MHTV	(4);116.1
GREENVILLE	281 (GC)(116.1)	BMLZ-DTV; 02°,1.9	(4); 116.1
Greenville AAB	272 (126.18)+	CA	(3); 126.18
MEMORIAL AIRPORT (Spartanburg)	317 (126.18) (118.7)	C ;58°; 1.6	(4);118.7,126.18,122.5
SPARTANBURG (Memorial Arpt)	248(SU)(116.1)	SBRAZ-DTV	(3);116.1,122.1
TENNESSEE			
KNOXVILLE	257 (KX)(116.1)	SBRAZ-DTV	(3); 116.1,122.1
Knoxville Airport	278 (126.18) (118.7)	C(ILS); 192°, 2.8	(4); 118.7, 126.18, 122.5
→ Knoxville Airport			DECOMMISSIONED
PIEDMONT FM	(- -)	FM; 63°, 28	Knoxville
TALLASSEE FM	(- - -)	FM; 192°, 23	Knoxville
TRI-CITY	221 (TI)(116.1)	SBMRAZ-DTV;252°, 3.3	(4), 116.1
VIRGINIA			
CHILHOWIE FM	(-)	FM; 65°, 43	Tri City, Tenn.
WEST VIRGINIA			
PAYNESVILLE	356 (IR)	H	Operated by P.C.A.(6-23)

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KNOXVILLE	110.3	335	44°	IM-	MM- ·-·- (0.61)	OM- -- (4.34)
					MMK-	OMK-

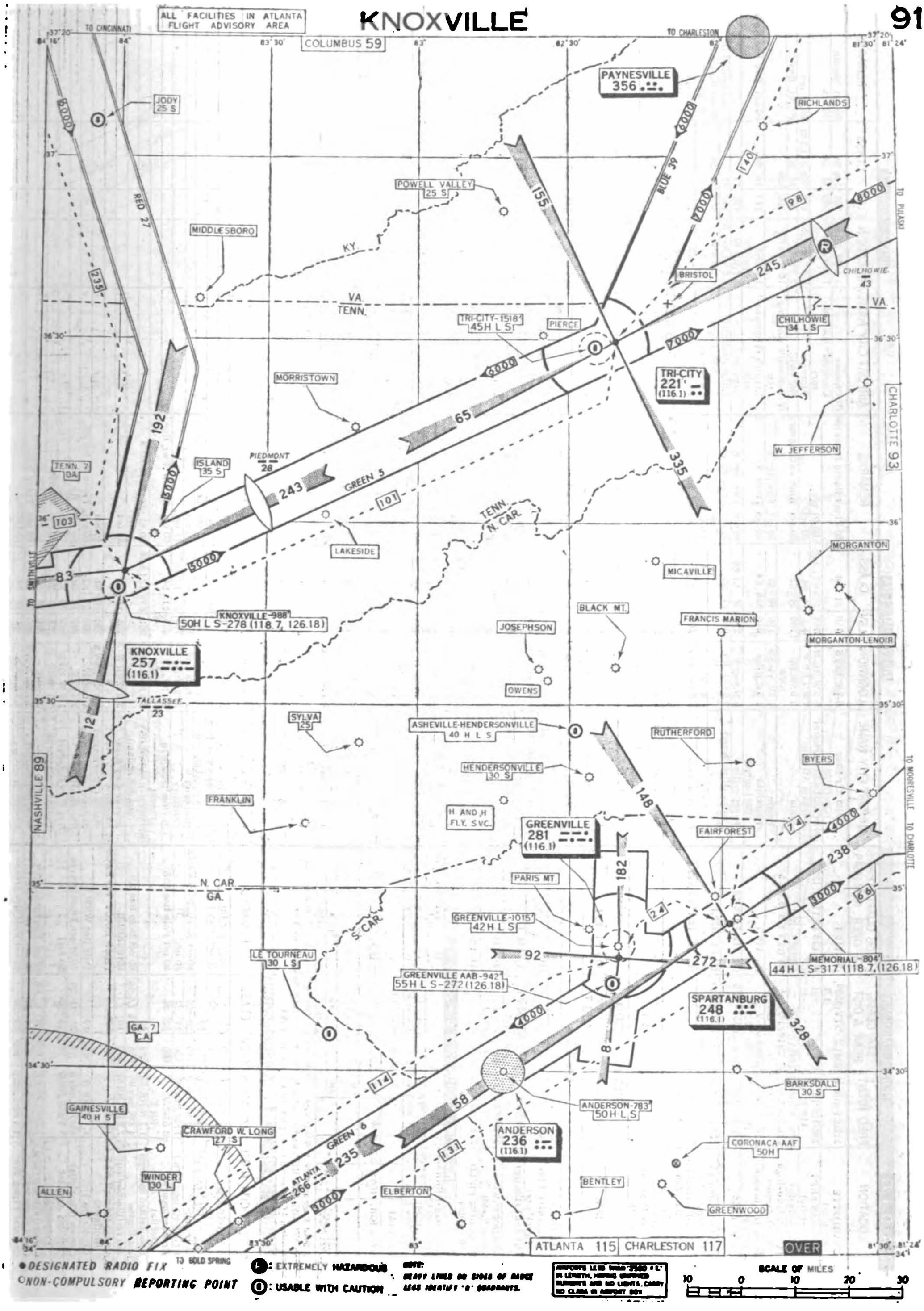
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1. 137.88. 140.58 mcs.

AIRPORTS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
GEORGIA				
Allen (Buford)	1.5 S,hwy SW	1070	15 S1	80 oct. Pole line SW.
Crawford W. Long (Jefferson)	2.5 S,RR E	950	27 L1 S1	80 oct. Pole line SE.
Elberton	2 SE,hwy W,N	710	16 S1	80 oct. Obst sur fld.
Gainesville	1.5 S,RR E,NW	1277	40h(L5)S6	80,91 oct. Lgts on req.
(P) Le Tourneau (Toccoa)	2.5 NE,RR S	950	30 L3 S4	80, 91 oct.
★ Winder Int,4,AG-LG	1.5 NE,bet rds	950	30 L3	Trees, bldg N.
KENTUCKY				
Jody (London)	2.7 SSE;hwy E	1240	25 L S2	80 oct. Flood lgts.
Middlesboro	1.2 W,hwy S	1150	23 S6	80,91 oct. P-line W. Mtns surround fld.
NORTH CAROLINA				
(P) ASHEVILLE-HENDERSONVILLE (Ashev'l)	11.5 SSE,RR W	2090	40h L5 S4	73, 80, 91, 100 oct.
Black Mountain	1.8 SW,RR N	2270	15 S1	80 oct. Soft.
Byers (Shelby)	3 SE,RR SW	875	16 S4	80 oct.
Francis Marion (Marion)	2.5 NE,RR NE	1450	19 S4	80,91 oct.
Franklin	1.2 ESE,riv W	1996	23 S2	80 oct.
Hendersonville	1.5 ESE,hwy SW	2200	30 S6	80, 91 oct.
Josephson (Asheville)	3 W,riv E	2200	20 S1	Ltd 80 oct. Trees NW,SE.
Morganton	2 NW,riv E	1024	16 S2	80 oct.
Morganton-Lenoir (Morganton)	7.5 NE,hwy W	1253	33 S2	80,91 oct
Rutherford(Spindale)	1.5 SSE,RR N	1012	17 S2	80 oct.
Sylva	2.4 NE,riv SW	2039	25 S2	No fuel.
West Jefferson	2 SSW,RR NNE	3200	16 S2	80 oct.
SOUTH CAROLINA				
Anderson	4.5 WSW,hwy S	783	50h R1 L5 S6	80, 91 oct.
Barksdale (Laurens)	2.8 E,RR NE	700	30 L S6	73 oct. Port rnwy lgts. Pole line NE
Bentley (Calhoun Falls)	3 ENE,RR NNW	500	16	
Chesnee (NC)	2 S,RR W	910	18	PRIVATE.
(A) Coronaca AAF(A)	3.8 N,RR E	629	50h	(Greenwood) CLOSED
Fairforest (Spartanburg)	5.8 WNW,rd W	830	23 S6	80 oct.
GREENVILLE	3.2 E,RR SE	1015	42h R1 L5 S6	80 oct. No bndry lgts.
(A) Greenville AAB (A)	7.5 SSE,hwy W	942	55h R1 L5 S6	73,100 oct. No sto.
Greenwood	2.6 W,RR E	650	24 S6	73 oct.
(NP) MEMORIAL (Spartanburg)	2.5 SW,hwy SE	804	44h R2 L5 S6	80, 91 oct. 100 oct. for military. NATS
Paris Mountain (Greenville)	4.2 NNW,RR E	1006	21 S6	80 oct. Pwr line NW.
TENNESSEE				
Island (Knoxville)	2.5 E	830	35 S4	80 oct. No sto.
(P) Knoxville Mun.-McGhee-Tyson (Knoxville)	12 SSW,hwy E	988	50h R3 L5 S6	91, 100 oct.
Morristown	5.7 ENE	1400	19 S1	73 oct.
(P) TRI-CITY	11.8 NNW Johnson City	1518	45h R1 L5 S6	80, 91 oct. 10.2 ESE Kingsport.
VIRGINIA				
★ Chilhowie Int,29B,NA-WA	3.9 SE,riv N	2100	34 L3 S4	80 oct. Pole lines SW,NE. Riv SW.
Powell Valley (Big Stone Gap)	4 ESE,hwy NW	1700	25 S4	80 oct. Pole line ENE,hills W.
Richlands	2.7 WSW,RR N	1950	20 S2	80 oct.
NEW AIRPORTS				
Bristol, (Va.)	3 NE		18 S1	80 oct. Data unverified
H & H Flying Service (Brevard, N.C.)	1.5 ENE;rivS RR N	2140	20 S1	80 oct. P-line WNW
Micaville, (N.C.)	1 S;RR W	2500	21	N,S blocked.
Owens (Asheville, N.C.)	2.3 SSW;RR E	1988	25 S6	80,91 oct.
Lakeside (Dandridge,Tenn.)	6.5 E;hwy S	1000	23	
Pierce (Kingsport,Tenn.)	3 S;RR NW	1200	22 S6	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page JV) (NC)-Not charted. → NEW OR REVISED DATA

KNOXVILLE


ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA
TO CINCINNATI
COLUMBUS 59
TO CHARLESTON
PAYNESVILLE 356
JODY 25 S
RICHLANDS
POWELL VALLEY 25 S
MIDDLESBORO
KY.
VA.
TENN.
BRISTOL
CHILHOWIE 43
TO PULASKI
TRI-CITY-1518' 45H L S
PIERCE
TRI-CITY 221' (116.1)
CHILHOWIE 34 L S
MORRISTOWN
W. JEFFERSON
CHARLOTTE 93
TENN. 7 DA
ISLAND 35 S
PIEDMONT 28
LAKESIDE
TENN.
N. CAR.
MICAVILLE
MORGANTON
TO SMITHVILLE
KNOXVILLE-988' 50H L S-278 (118.7, 126.18)
KNOXVILLE 257 (116.1)
JOSEPHSON
BLACK MT.
FRANCIS MARION
MORGANTON-LENOIR
OWENS
TALLASSEE 23
SYLVA 25
ASHEVILLE-HENDERSONVILLE 40 H L S
RUTHERFORD
BYERS
HENDERSONVILLE 30 S
NASHVILLE 89
FRANKLIN
H AND H FLY. SVC.
GREENVILLE 281 (116.1)
FAIRFOREST
TO MOORESVILLE
TO CHARLOTTE
PARIS MT
N. CAR.
GA.
S. CAR.
GREENVILLE-1015' 42H L S
LE TOURNEAU 30 L S
MEMORIAL-804' 44H L S-317 (118.7, (126.18)
GREENVILLE AAB-942' 55H L S-272 (126.18)
SPARTANBURG 248 (116.1)
GA. 7 CA
BARKSDALL 30 S
GAINESVILLE 40 H S
CRAWFORD W. LONG 27 S
ANDERSON-783' 50H L S
ANDERSON 236 (116.1)
CORONACA AAF 50H
WINDER 30 L
ALLEN
ELBERTON
BENTLEY
GREENWOOD
ATLANTA 266
ATLANTA 115
CHARLESTON 117
OVER
TO BOLD SPRING
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
NOTE:
HEAVY LINES DO SIDES OF AIRWAY
LESS IDENTIFIED "B" BOUNDARYS.
SCALE OF MILES
10 0 10 20 30

NORTH CAROLINA

LOCATION	FREQ IDENT	STA CLASS, BEAR & DIST	FREQS GUARDED, HRS OF OPER, REMARKS
CHARLOTTE (Douglas)	212(CF)(116 1)	BMLZ-DTV;359°, 1.7	(3); 116 1
DOUGLAS ARPT (Charlotte)	396(126 18 118.9)	C	(4) 126 18,118 9,122.5
GREENSBORO	365(GW)(116 1)	SERAZ-DTV	(3);116.1,122.1
Greensboro-High Point Airport	219(126 18 118.7)	C 241°, 1 5	(4) 118 7 126 18,122 5
POPE (Ft Bragg) (Army)	338(DOP) (116 1)	SBMRAZ-V ;355°,2.3	(3); 116 1
Pope Field	396(126 18, 116.1)+	CA(ILS) 355°, 2 3	(3) 116 1,126 18
RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116 1)	SBRAZ-DTV(ILS) 299°, 3 8	(3);116.1.122.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126 18 118 3)	C	(4); 126 18,118.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	MRLWZ;328°, 5 1	

SOUTH CAROLINA

FLORENCE	239 (FL)(116 1)	SBMRLZ-DTV 292°, 1.7	(4);116.1.122.1

VIRGINIA

DANVILLE	344 (VE)	MH*.	
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116 1)	SBMRAZ-DTV 247°, 2.1	(4) 116 1
ROANOKE (Woodrum Field)	321(ROF)(116.1)	SBRAZ-DTV 349°, 2	(3) 116 1
WOODRUM FIELD (Roanoke)	278 (118 54	AC	(4). 122 5,118 5,126 18

NEW RADIO FACILITIES

RALEIGH-DURHAM (Raleigh), N.C	272 (126.18)	C	3105,6210,3117.5;126.18 122,5,118,3

INSTRUMENT LANDING SYSTEMS (Localizer and G P in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P	APPR BEAR	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
POPE(A)				DECOMMISSIONED		
RALEIGH,	109 5	333 8	48°	IM-	MM- ·-·- (0.62)	OM- -- (4.43)
					MMK	OMK-
				IM-	MM-	OM-
					MMK	OMK
				IM-	MM	OM-
					MMK-	OMK-

S Simul Range and Voice W Without Voice 7 VHF Range Station Location Marker (3) 3105 4495 6210 kcs (6) 3105 4495 6210 3117 5 kcs Parentheses Numbers in Frequency Columns indicate VHF Voice

+ - Army ACS transmits on and guards 116 1 137 88 140 58 mcs

AIRPORTS — NORTH CAROLINA

AIRPORT CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25	Obsts sur fld.
Asheboro	1.8 SSW	864	18 S2	80 oct. Hwy NW.
(A)Balloon (Ft.Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct.No sto.P-line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	930	17 S2	80 oct.
Brockenbrough (Derita)	3 8 WNW, RR E	800	22 S6	80 oct Pole line SSE
Brooks(Red Springs)	1.2 N,RR SE	208	26	
(P)Burlington	4 SW,hwy W	638	37h L5 S6	80 oct.Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	960	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3 5 E	350	50h	TEMP INACT NO FACS.
Candor (NC)	1.1 E,RR N	710	19	Pole line WNW.
Cannon (Charlotte)	3 WNW,hwy S	760	24 L S6	80,91 oct. Flood lgts req
Carolina Arpk Inc (Kannapolis)	3 1 SSE,RR W	730	19 S2	No fuel
Caswell (Yanceyville)	3.2 W; hwy E	640	20 L S2	80 oct.Flare pots prior req.
Cpley (Concord)	2 SW,RR E	790	12 S1	80 oct. Trees ESE.
Colonial Flying Svc (Mt. Airy)	1 4 NNE,RR S	950	15 S1	80 oct.Pole line,trees NNW.
Concord	4.5 ESE,rd F,S	700	19 S2	80 oct.Pole line NE.
Delta Air Base (Charlotte)	6 7 E,hwy S	750	31 S6	80,91 oct No sto.Poles NW
(P)DOUGLAS(Charlotte)	5.5 W,RR N	745	52h R2 L5 S3	80,91 oct.
Durham Airways	7.8 N,RR E	480	15 S4	80 oct.
Elkin	2 8 SW,RR NNW	1100	24 S2	80 oct Rnwy data unver
Erwin	1 SW,riv SW	195	30 S1	80 oct. Pwr line S.
Fairchild (Burlington)	1 5 E,RR S	640	35h S4	80 oct Trees N
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E
Fraley (High Point)	2 5 SSE,RR W	1000	17 S6	80 oct Strips rough Trees SE
Gastonia	1.3 SW			ABANDONED
Gastonia, mun	4 5 SSE,hwy SW	800	30h L S1	80,91 oct Port. rnwy lgts on req.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No 2 (Silver City)	4 1 SE,RR W	550	22	Pwr line SSE
(N)GREENSBORO-HIGH POINT	8 WNW,RR SW	905	40h R2 L5 S6	80 91 100 oct NATS
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW,RR E	530	20 S2	80 oct.Trees SSE.
Horace Williams (Chapel Hill)	1 3 NNW RR W	502	49 S4	80 oct
Kannapolis	2.8 N,RR E	750	23 S6	80 oct. Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	53 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3 5 N riv E	220	65h L5 S6	80,91 oct No flood lgts Data unver. Lgts on req
Lee County (Sanford)	1 5 SE RR E	400	19 S4	80 oct.No sto Pwr line sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct.Pole lines SSW.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct.Pole line NW
(P)Lumberton	3 WSW	126	50h L2 S6	80,91 oct Hwy NNW
McLean Brothers (Gibsonville)	0 5 SW,hwy NE	723	18 S6	80 oct
Mayo (Mayodan)	0.8 W,riv E	900	24 S1	80 oct.
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct
Monroe, mun.	2 NNW,hwy S	680	20 S1	80 oct Trees NW.
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct
North Wilkesboro	1.3 WSW,riv S	970	15 S4	80 oct.
Parkers (Eagle Spgs)	1.8 NW,RR S	700	40 S1	80 oct.
Pharis (Durham)	8 1 NE,RR E	310	26 S4	80,91 oct. Pole line trees NE,WNW.
Pine Acres (Laurinburg)	3 1 SW,RR NNE	205	12 S1	80 oct
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct.
(A)Pope (Ft.Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct
Raleigh	3.3 SSW,RR W	364	28h S6	80,91 oct.
RALEIGH-DURHAM (Raleigh)	10 5 NW,RR W	435	45h R3 L6 S4	80,91,100 oct
Reidsville	3.2 SE,riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,W.Hwy F.
Roxboro	7 NE,RR W	600	2. S2	80 oct.
Salisbury	3 SW,RR E	764	25 L2 S6	73 oct.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S4	80 oct No sto Pwr line S.
(P)SMITH-REYNOLDS (Winston-Salem)	2 8 NNE,RR W	969	67h R2 L5 S6	80,91 oct Rnwy data unver.
Spindle City (Gastonia)	3 2 E,RR N	795	19 S2	80 oct
Stanly (Albermarle)	6 WNW,hwy S	720	16 S1	80 oct.
Statesville	4.5 WSW	990	27 S2	80 oct. Trees N. RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel, RR NE.
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
Upchurch(Raeford)	0.5 NNE	255	15 S2	80 oct. RR SSW
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees N,S.
Whiteville	3.7 S,RR N	60	18 S1	Ltd 80 oct.
Young Airfield (Oxford)	1 8 SW,RR NW	475	18 S1	Ltd 80 oct

SOUTH CAROLINA

AIRPORT CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P)Chester	5 NNE,RR W	709	50h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SSW,hwy SW	560	32 S4	80 oct.
Florence	3.5 E,RR SW	146	60h R1 L5 S1	80,91 oct.
Hartsville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
Little Rock (NC)	2.5 SE,hwy W	135	22	Poles around fld.
Lynch Bellinger (Cheraw)	4.2 WNW RR S	400	22 S4	80 oct.No sto.Pole line S, WSW.
Palmer (Bennetts ville) (NC)	3.4 NNW, hwy E	155	44	Not maintained as landing field
Roddey (Rock Hill)	2.7 SW,RR NW	664	28 S4	80,91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	190	29 S5	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	30h S4	80 oct.

VIRGINIA

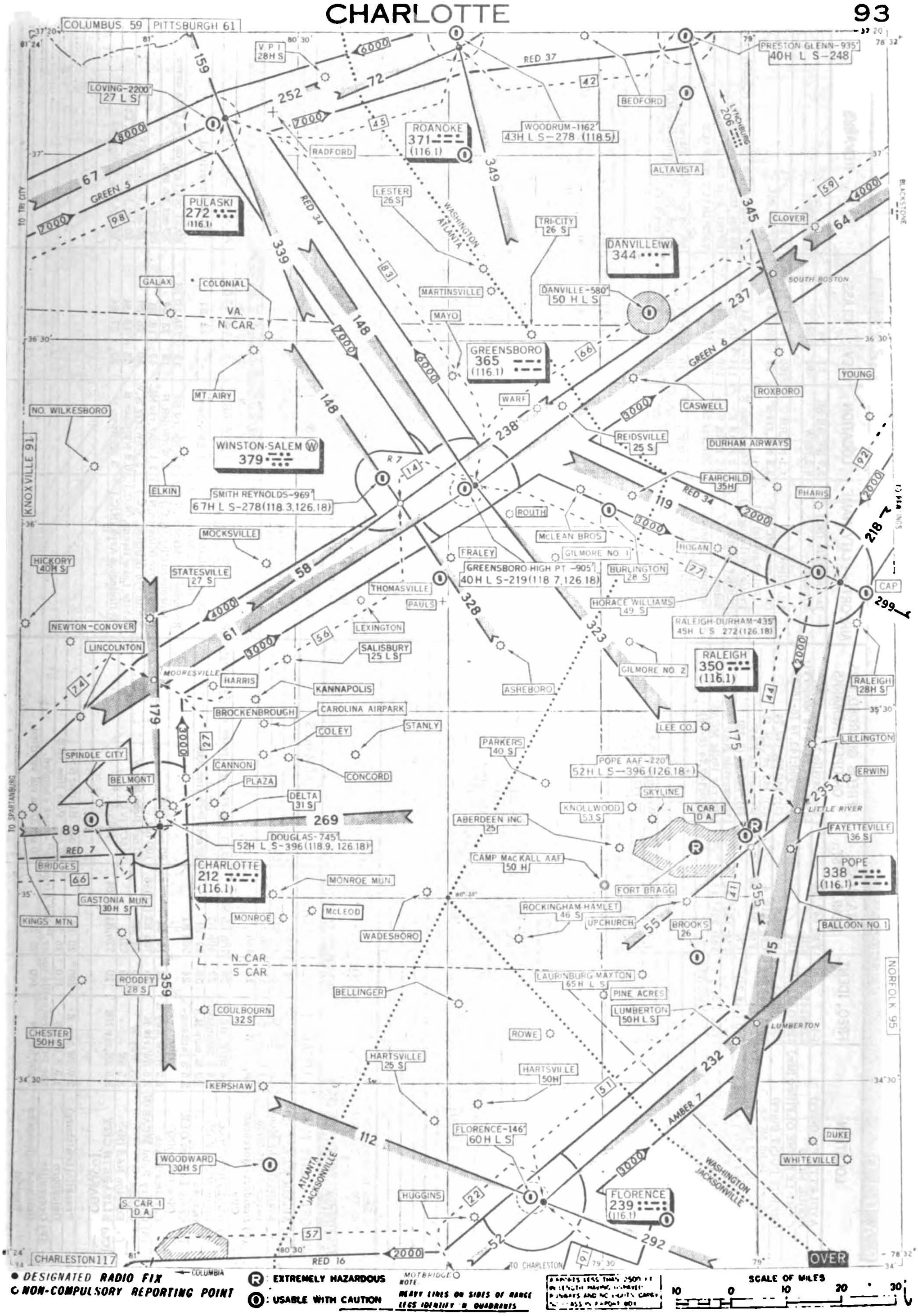
Altavista	6.1 NE,RR S	650	18 S1	80 oct. Trees SW.
Bedford	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW riv E	350	20	Trees E,W,SE,NW House E,SE.
(P)Danville	3.4 ESE	580	50h L5 S6	80,91 oct.
Galax	6.5 S,hwy E	2575	27 S4	80 oct.
Lester (Martinsville)	0 8 NNW, RR NE	1000	26 S2	80 oct 20-75' bldgs SE.
Loving, 35A, NA WA (Pulaski)	2 8 N,RR SE	2200	27 R1 L3 S4	80 oct Poles SW.No sto.
Martinsville	3 5 SSE, RR NE	800	16 S2	73 oct
(P)PRESTON GLENN (Lynchburg)	6 7 SSW, RR SE	935	40h R2 L5 S6	80, 91 oct.
V P I (Blacksburg)	1.3 SSE,RR W	2100	28h L1 S6	73,80 oct. Strip rough. 100 oct army.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Rd W.

NEW AIRPORTS

Harris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	14 S.	
Mc Leod (Wingate)(N.C)	1.5 SE; RR W	565	22 S4	80 oct No sto
Pauls Air Park (Thomasville,N C)	6 SE		27 S2	80,91 oct Data unver.
Cap (Raleigh,N.C.)	2.7 NNE, bet RR,hwy		36 S6	80,91 oct.High trees S, SW appchs.
Duke Fld (Chadbourn, N.C.)	1 N;RR SW	96	20 S4	80 oct
Radford, (Va.)	2 SW	1900	19 S1	Fuel,Data unver.

h-hard surfaced (runways) R radio facilities L lighting facilities S servicing (See page iv) NC (not charted) → NEW OR REVISED DATA

CHARLOTTE


COLUMBUS 59
PITTSBURGH 61
VPI 28H S
LOVING-2200' 27 L S
PRESTON GLENN-935' 40H L S-248
RED 37
BEDFORD
LYNCHBURG 206
ROANOKE 371 (116.1)
WOODRUM-1162' 43H L S-278 (118.5)
RADFORD
ALTAVISTA
PULASKI 272 (116.1)
LESTER 26 S
WASHINGTON ATLANTA
TRI-CITY 26 S
DANVILLE (W) 344
CLOVER
SOUTH BOSTON
GALAX
COLONIAL
VA.
N. CAR.
MARTINSVILLE
MAYO
DANVILLE-580' 50 H L S
GREENSBORO 365 (116.1)
MT. AIRY
WARF
ROXBORO
YOUNG
CASWELL
NO. WILKESBORO
WINSTON-SALEM (W) 379
REIDSVILLE 25 S
DURHAM AIRWAYS
FAIRCHILD 35H
PHARIS
ELKIN
SMITH REYNOLDS-969' 67H L S-278(118.3,126.18)
ROUTH
MOCKSVILLE
MCLEAN BROS
GILMORE NO. 1
HOGAN
HICKORY 40H S
FRALEY
GREENSBORO-HIGH PT-905' 40H L S-219(118.7,126.18)
BURLINGTON 28 S
CAP
STATESVILLE 27 S
THOMASVILLE
PAULS
HORACE WILLIAMS 49 S
RALEIGH-DURHAM-435' 45H L S 272(126.18)
NEWTON-CONOVER
LEXINGTON
LINCOLNTON
SALISBURY 25 L S
GILMORE NO. 2
RALEIGH 350 (116.1)
MOORESVILLE
HARRIS
ASHEBORO
RALEIGH 28H S
KANNAPOLIS
BROCKENBROUGH
CAROLINA AIRPARK
LEE CO
COLEY
STANLY
PARKERS 40 S
LILLINGTON
SPINDLE CITY
CANNON
CONCORD
POPE AAF-220' 52H L S-396 (126.18+)
ERWIN
BELMONT
PLAZA
DELTA 31 S
SKYLINE
KNOLLWOOD 53 S
N CAR 1 D A
LITTLE RIVER
ABERDEEN INC 25
FAYETTEVILLE 36 S
DOUGLAS-745' 52H L S-396 (118.9, 126.18)
RED 7
CAMP MACKALL AAF 50 H
POPE 338 (116.1)
BRIDGES
CHARLOTTE 212 (116.1)
MONROE MUN
FORT BRAGG
GASTONIA MUN 30H S
MCLEOD
ROCKINGHAM-HAMLET 46 S
UPCHURCH
BROOKS 26
BALLOON NO. 1
KINGS MTN
MONROE
WADESBORO
N. CAR.
S. CAR.
RODDEY 28 S
LAURINBURG-MAXTON 65 H L S
PINE ACRES
BELLINGER
COULBOURN 32 S
LUMBERTON 50H L S
CHESTER 50H S
ROWE
HARTSVILLE 25 S
HARTSVILLE 50H
KERSHAW
FLORENCE-146' 60 H L S
WOODWARD 30H S
ATLANTA JACKSONVILLE
WASHINGTON JACKSONVILLE
WHITEVILLE
DUKE
HUGGINS
S. CAR 1 D A
FLORENCE 239 (116.1)
CHARLESTON 117
COLUMBIA
MOTEBRIDGE
TO CHARLESTON
TO TRI CITY
TO SPARTANBURG
KNOXVILLE 91
NORFOLK 95
BLACKSTONE
OVER
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION
NOTE:
SCALE OF MILES
10 0 10 20 30

[redacted] NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM; 64°, 14	Weeksville NAF
BOGUE MCAS	3295(142.74)	CN	3105;142.74 (8-16 Mon-Fri)
CAMP LE JEUNE OLF(New Riv.)	3295(142.74)	CN	3105.4495;142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN; 141°, 4	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM; 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
MANTEO FM (Navy)	(- -)	FM; 139°,32	Weeksville NAF
NEW BERN FM (Navy)	(- - - -)	FM; 321°,13.6	Cherry Point MCAS
OAK GROVE MCAAF (Pollocksville)	3295 (142,74)	CN	3105;142,74 (8-18)
SOUTH MILLS FM (Navy)	(- - - -)	FM; 319°, 17.5	Weeksville NAF
→ WEEKSVILLE (Navy)	524(NFG)	MRL	(3);142,74(V- 7-19)
Weeksville NAF-LTA	3295 (142.74)	CN; 319°, 0.5	3105; 142.74 (8-1630)

[redacted]

BLACKSTONE	326(KT)(116.1)	BMLZ-DTV;133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM; 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM; 276°, 16	Norfolk
LANGLEY FIELD (Army)	221(DLY)(116.1)	SBMRAPZ-DTV;102°,3.8	(3); 116.1
NORFOLK	239 (NW)(116.1)	SBMRLZ-DTV;44°,3.3	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ; 276°,2.9	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h	
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct.Fld lgts prior req.(Wilmington)
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h R1	
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jacksonville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS (N)	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct.
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	See Pitt-Greenville under "New Airports"-name changed.			
Halifax Co.(Roanoke Rapids)	3 SW,hwy N	140	25 S1	80 oct.Data not verified.
Henderson	3 S,RR W	490	23 S6	80,91 oct.No sto. Pole lines S. Rnwy data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See page IV) (NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
Kinston	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Polloksville) (N)	2.5 NW,riv S	27	40h R1 L S4	91, 100 oct.
Peiffer(Wilmington)	6 ESE,ocean E	10	18 S1	80 oct.Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E.
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	TMP INACT NO FACS
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 S6	80 oct. No sto. Pole line NNE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto.
★ Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	1.8 N,hwy W	38	50h	
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L5 S4	91, 100 oct.
(P) Wilson (N)	4.2 NW,hwy E	161	45h S6	80 oct.
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S1	80 oct.

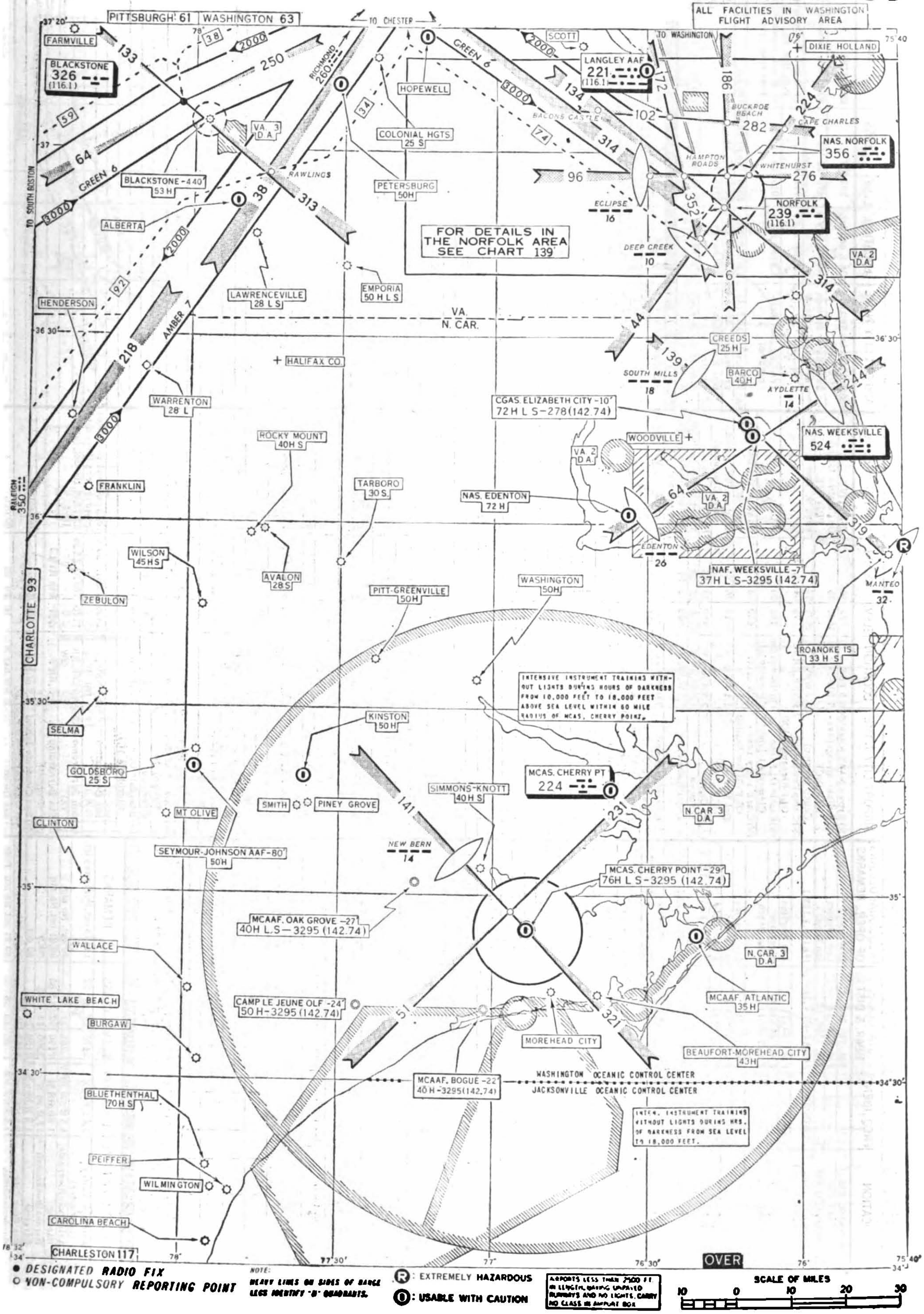
VIRGINIA

Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2,5 ESE,hwy N	440	53h R1 L5	Rnwy lgts on req.ARMY TEMP INACT;
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC) CIVIL FACS.
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct.
Hopewell	3.3 E,riv N	20	24 S6	80 oct.
Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80 oct.
Petersburg	6.2 WSW,RR N	190	50h	CLOSED
Scott (Williamsburg)	1.3 NNW,RR SW	90	20 S2	80 oct. Pole line SW,WNW.
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29	20-60' trees NE,SW,W (NC)

NEW AIRPORTS

Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.
(P) Pitt-Greenville (Greenville,N.C.)	1.8 NNW;RRE	25	50h L3 S1	80,91 oct.Lgts on req.
Dixie Holland (Cape Charles,Va.)	1.5 ENE;hwy S		22 S1	80 oct.Unverified.
Roanoke Isl.(Manteo,N.C.)	1.5 NW;rd NE	12	33h L5 S4	80,91 oct.Lgts on req.Data unver.
Morehead City,(N.C.)	5 WNW;RR N	15	23 S4	80 oct.No sto.
Piney Grove (Kinston,N.C.)	2.1 SSW;riv NE	43	18 S1	80 oct.
Smith Fld (Kinston,N.C.)	3.7 SW;riv N,W	40	26 S4	80 oct.P-line ENE
White Lake Beach,(N.C.)	0,2 NW;lake S	75	18 S4	80 oct.No sto.(White Lake)
Wilmington Arpk (N.C.)	3 SE;hwys N	20	27 S4	80 oct,N & E blocked.

NORFOLK 95


ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA
PITTSBURGH 61 | WASHINGTON 63
TO CHESTER
TO WASHINGTON
TO SOUTH BOSTON
FARMVILLE
BLACKSTONE 326 (116.1)
RICHMOND 260
HOPEWELL
SCOTT
LANGLEY AAF 221 (116.1)
DIXIE HOLLAND
BUCKROE BEACH
CAPE CHARLES
NAS. NORFOLK 356
COLONIAL HGTS 25 S
BACONS CASTLE
VA. 3 D.A.
RAWLINGS
BLACKSTONE -440 53 H
PETERSBURG 50H
HAMPTON ROADS
WHITEHURST
NORFOLK 239 (116.1)
ECLIPSE 16
DEEP CREEK 10
VA. 2 D.A.
ALBERTA
FOR DETAILS IN THE NORFOLK AREA SEE CHART 139
LAWRENCEVILLE 28 L S
EMPORIA 50 H L S
HENDERSON
VA.
N. CAR.
CREEDS 25 H
SOUTH MILLS 18
BARCO 40H
AYDLETTE 14
HALIFAX CO.
CGAS. ELIZABETH CITY -10' 72 H L S-278 (142.74)
WARRENTON 28 L
ROCKY MOUNT 40H S
WOODVILLE
NAS. WEEKSVILLE 524
VA. 2 D.A.
FRANKLIN
TARBORO 30 S.
NAS. EDENTON 72 H
RALEIGH 350
WILSON 45 H S
AVALON 28 S
EDENTON 26
NAF. WEEKSVILLE -7 37 H L S-3295 (142.74)
MANTEO 32
ZEBULON
CHARLOTTE 93
PITT-GREENVILLE 50H
WASHINGTON 50H
ROANOKE IS. 33 H S
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000 FEET TO 18,000 FEET ABOVE SEA LEVEL WITHIN 60 MILE RADIUS OF MCAS, CHERRY POINT.
SELMA
KINSTON 50 H
GOLDSBORO 25 S
MCAS. CHERRY PT 224
SIMMONS-KNOTT 40 H S
SMITH
PINEY GROVE
MT OLIVE
N CAR 3 D.A.
CLINTON
SEYMOUR-JOHNSON AAF-80' 50H
NEW BERN 14
MCAS. CHERRY POINT -29' 76H L S-3295 (142.74)
MCAAF. OAK GROVE -27' 40H L.S-3295 (142.74)
WALLACE
N. CAR. 3 D.A.
WHITE LAKE BEACH
CAMP LE JEUNE OLF -24' 50 H-3295 (142.74)
MCAAF. ATLANTIC 35 H
BURGAW
MOREHEAD CITY
BEAUFORT-MOREHEAD CITY 43H
WASHINGTON OCEANIC CONTROL CENTER
JACKSONVILLE OCEANIC CONTROL CENTER
MCAAF. BOGUE -22' 40 H-3295(142.74)
BLUETHENTHAL 70 H S
INTEN. INSTRUMENT TRAINING WITHOUT LIGHTS DURING HRS. OF DARKNESS FROM SEA LEVEL TO 18,000 FEET.
PEIFFER
WILMINGTON
CAROLINA BEACH
CHARLESTON 117
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RADIAL LEGS INDICATE "B" BOUNDARIES.
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. OR LENGTH GIVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS III AIRPLAT BOX
SCALE OF MILES
10 0 10 20 30

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(vhf)	SBRAZ-DTV, 149°,0	(4);116.1,122.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°,16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°,11	Long Beach
LA HABRA FM	(. . -)	FM, 77°,21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°,42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18,118.3, 122.5
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV, 298°, 3.9	(3);116.1.122.1
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV.244°3.8	(3):116.1.122.1
LOS ANGELES	109.1(LA)	BVAR; 88°, 2.0	
MARCH FIELD (Riverside)	201 (126.18)+	CA	(3); 126.18
MIRAMAR MCAS (San Diego)	3295(142.74)	CN(GCA)	(3); 142.74
→ MOJAVE NAS			DECOMMISSIONED
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA; 64°,2.2	(3); 126.18
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV,317°,0.1	(4); 116.1
OCEANSIDE	326(OC)(116.1)	BHTV	(4); 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°,34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-DTV, 216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105;142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(vhf)	SBMRAZ-DTV, 128°,2.9	(4):116.1.122.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
→ SAN CLEMENTE ISLAND OLF			DECOMMISSIONED
SAN DIEGO (Lindbergh Field)	224(SQ)(vhf)	SBRAZ-DTV, 139°, 2.3	(3);116.1.122.1
San Diego NAS	266 (142.74)	CN	(3);126.18,142.74
San Diego NAS (Seaplane)	2870	CN	2870
TRONA (Int.)	323 (EW)	SMRAWZ, 349°, 11	
VICTORVILLE AAF	278 (126.18)	CA	(3), 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S Simul Range and Voice; W Without Voice; Z VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice

+ - Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S,hwy E	2470	25 L S2	Ltd 73 oct. Port rnwy lgts
Arlington(Riverside)	4.5 WSW,RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE,RR N	2190	52h L5 S5	80,91 oct. No sto.
Barnes(Rosamond)	12 E,rd N	2300	38	(NC)
Barstow	1.8 N,hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW,hwy S	6850	35 S1	80,91 oct.
Borderland(San Ysidro)	1.5 WNW,RR W	80	18 S6	80,91 oct. No sto. Pole line SE.
Boron	0.5 NE,RR S	2550	21 S1	80 oct. Poles E. Data unver

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page iv) NC (not charted) → NEW OR REVISED DATA

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Brown NAAS (Otay)(N)	6.5 ESE	523	60h	INACTIVE.
Buffalo Springs(Avalon) (NC)	7 NW	1560	35	On Catalina Island. PRIVATE.
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside)(N)	6 NNE,RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island)(N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea)(N)	25 W of ctr	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct,1000' paved rnwy. Data unver.
El Cajon	2.5 N,hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE,RR N	1256	26 S4	80 oct. No sto. Hills NW.
Engel(Escondido)	1.5 W,RR N	630	19 S4	73,91 oct. No sto. Trees SE,hill NW.
Gibbs(San Diego)	7 NNE,hwy W	405	29 S4	87 oct. No sto. Poles NE,E
(N) Gillespie MCAAF (N)	1 SSW,rd E	385	54h	Towers W. 'Santee.
Harmon(San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
(A) Hawes(Victorville)(A)	27.5 N,RR N	2319	56h	CLOSED
Hi Hi Sky Ranch (Oceanside)	1.5 ENE,RR S	48	18 S6	80,91 oct. No sto. Trees NE, SW.
(A) Helendale(Victorv'l)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct. No sto. Pwr line W
(N) Inyokern NAF (N)	0.5 WNW,RR E	2455	72h	NATS
Jamacha(La Mesa)	6.8 ESE,riv N	520	18 S6	80,91 oct. Hills E.
La Cresta(Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
Lake Elsinore(Elsinore)	4 SSE,lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW,hwy N	500	27 S4	80 oct. Pole line SSE.
Lancaster	0.5 NW,RR E	2330	22 S4	73 oct. No sto. Poles E,S
La Pressa(La Mesa)	4 S,hwy W	275	19 S4	80 oct.
Liberty(Rosamond)	4.1 S,RR E	2300	39h	80,91 oct.
(A) LINDBERGH (San Diego) ARPT OF ENTRY	2 W	14	88h R2 L5 S6	ARMY TMP INACT CIVIL FACS
(A) March (Riverside) (A)	8.8 SE,RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW,RR N	550	21 S6	80,91 oct. Poles E.
(A) Mirage(Victorville)(A)	18 WNW,rd S	2865	37h	CLOSED
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct. No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N) (NAS)	0.7 E,hwy W	2751	59h	INACTIVE
Morrow (Rialto)	1.8 S,RR N	1100	35 S5	80,91 oct. Pwr line W.
(A) Muroc AAF (A)	2 S,dry lake N	2284	80h R2 L5 S6	73,100 oct. JP-1. No sto.
National City	1.1 SSE,RR W	10	22 S4	80 oct. Poles, stack NW.
(P) Palmdale	3 NE,RR W	2549	70h R1 L5 S2	91,100 oct.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req.
Peik (San Diego)	4.8 WNW	20	28 S4	80 oct. No sto. Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S6	80,91 oct. Port rnwy lgts. Data unver.
Randsburg (NC)	1.8 NE,rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N,RR W	400	15	
San Bernardino	4.7 NNW, RR W	1425	30h L S6	80,91 oct. Port rnwy, obst lgts prior req. Rnwy data
(A) San Bernardino AAF (A)	3.5 ESE,RR SW	1120	76h R1 L5 S6	62,73,91,100 oct, unver JP-1
San Bernardino Co. (Daggett)	5 E,RR S	1927	64h R1 L3	
(N) San Clemente Island OLF (N)	8 S of N end	926	50h	INACTIVE.
San Diego	5 NW,bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NATS
San Marcos Valley (San Marcos)	1 W,RR,hwy S	530	19 S4	80 oct. No sto. Hill NE

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island OLF (N)	On E end Isl.	502	63	INACTIVE
Sweetwater Springs Airanch (La Mesa)	4 2 SE,hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N,RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE,RR S	1015	29 L S4	91,80 oct. Poles SE,W. Port rnwy lgts.
(A) Victorville AAF(A)	6 NW,RR E	2880	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW,RR E	3225	32 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W,hwy N	2348	31	
Warner Hot Springs	3 W,hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S
Wolfe's Arpk (Otay)	1.2 SE,RR W	220	30 S1	80,91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona OLF (N)	3 SW	1440	40h	
Sweetwater OLF (San Diego)	7.5 E	480	30h	

LOS ANGELES

ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA

FRESNO 73

NAF. INYOKERN 72H

TRONA (W) 323

CALIF. 9 D.A.

DAGGETT 365 (111.1, 116.1)

BAKERSFIELD 239

LA CRESTA

TO MORGAN HILL

AMBER 1

AMBER 2

AMBER 8

TEHACHAPI 45 S

MOJAVE-2751' 59H

CALIF. 17 D.A.

MUROC AAF (R) 350

BORON

MUROC AAF-2284' 80H L S-219 (126.18)

HAWES 56H

HELENDALE 56H

CALICO 58

BARSTOW

WHEELER RIDGE

LEBEC 42

LANCASTER

LIBERTY 39H

WAR EAGLE

ANTELOPE VALLEY 25 S

QUARTZ HILL

PALMDALE 2549' 70H L

STERK ST

MIRAGE

GREEN 4

MIRAGE 37H

VICTORVILLE AAF-2880' 74H L S-278 (126.18)

SAN BERNARDINO CO.-1927' 64H L

TO NEEDLES

LAS VEGAS 75

BLYTHE 99

SILVER LAKE 269

CASTIAC 41

NEWHALL (R) 209 (116.1)

PALMDALE 332 (116.1)

LOS ANGELES 260 (111.1, 116.1)

VICTORVILLE "66"

CALIF 17 D.A.

SUMMIT

SAN BERNARDINO 30H S

FONTANA

BIG BEAR 35 S

MORROW 35 S

SAN BERNARDINO AAF-1120' 76H L S-272 (126.18)

TO SANTA BARBARA

LOS ANGELES (VHF) W-109.1

DOWNEY

LA HABRA

RIVERSIDE 30 S

TRI-CITY 29 S

BLUE

YELLOW

GREEN 5

INDIO

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

BANNING 25

BANNING 52H L S

HARMON

ARLINGTON 32 S

PALM SPRINGS 69 H

INDIO 34 S

INDIO 242

LONG BEACH 233 (111.1, 116.1)

HUNTINGTON BEACH

RIVERSIDE 388 (111.1, 116.1)

ELSINORE

LAKE ELSINORE

MARCH AAF-1533' 70H L S-201 (126.18)

CALIF 13 D.A.

FOR DETAILS IN LOS ANGELES AREA SEE CHART 137

SANTA BARBARA 71

CAMP PENDLETON OLF 64H S

OCEANSIDE 326 (116.1)

SAN MARCOS VALLEY

ENGEL

WARNER HOT SPRGS. 35 S

OCEANSIDE 34

McCORMICK

HI HI SKY RANCH

DEL MAR 26 S

MT. LAGUNA 254 (116.1)

SAN DIEGO 224 (111.1, 116.1)

MCAS. MIRAMAR-480' 60H L S-3295 (142.74)

GILLESPIE 54H

SWEETWATER SPRGS

EL CAJON

LA MESA

GIBBS 29 S

PEIK

SAN NICOLAS IS. OLF 63

SAN CLEMENTE IS. OLF 50H

SAN DIEGO

LINDBERGH-14' 88H L S-278 (118.3, 126.18)

LA PRESSA

JAMACHA

NAS. SAN DIEGO-25' 60H L S-266 (142.74) (SEAPLANE-2870)

NATIONAL CITY

CORONADO 10

LA MESA 27 S

CALIF. 7 D.A.

WOLFE'S

NAAS. BROWN 60H

NAAS. REAM-23' 50H S-3295 (142.74)

BORDERLAND

TO EL CENTRO

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD

OVER

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

(R): EXTREMELY HAZARDOUS

(D): USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF BARGE LEGS INDICATE 'B' QUADRANTS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.

SCALE OF MILES 10 0 10 20 30

RADIO AIDS

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-DTV,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA (Fly)	230(UP)(116.1)	SBMRAZ-DTV,165°,5.8	(4); 116.1

CALIFORNIA

BLYTHE (AAF)	251(YH)(116.1)	SBMRAZ-DTV,268°,4.1	(4); 116.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-DTV	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-DTV	(4); 116.1
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aguila	1.5 NNW	2000	45h	
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
Conner (Quartzsite)	0.3 SSW,hwy N	850	38	150' hill S.
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echevarria (Wickenburg)	See Wickenburg under "New Airports" - name changed.			
(A) Gila Bend AAF (A)	4 S,hwy W	850	62h R1 L5	TEMP INACT. NO FACS
(A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
(A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT.NO FACS
Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S1	80 oct.
Parker	1.4 ENE;RR W	430	32 S2	No fuel. Fld rough.RR S.
Salome (NC)	0.7 S,hwy N	1876	45	15' poles NW.
Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,riv E	2000	24	Trees SSE.
Smiley (Wellton)	13 E,RR S	250	26	Poles SW, NE. (NC)
Somerton	3 ENE,RR W	250	30 S3	80 oct.No sto.
★ Tonopah Int,31, LA-PH	5 NNE Wintersburg	1102	34 L2	
Wellton	0.5 NW,RR S	225	24 S2	73,80 oct.

CALIFORNIA

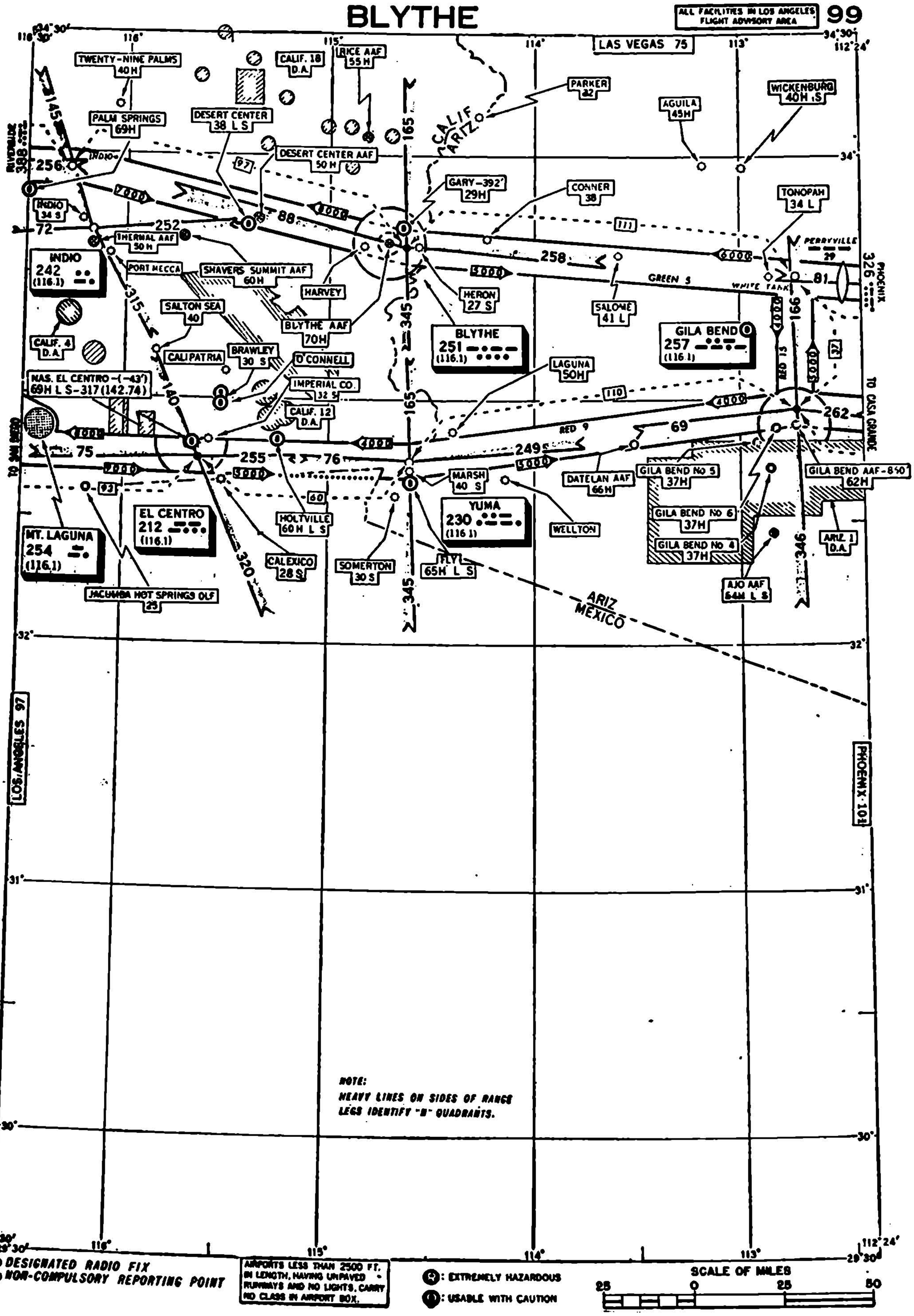
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct.Poles SE,E. ARPT OF
Calexico	1.2 W,riv N	0	28 S6	80,91 oct.Data unver. ENTRY.
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto.35'poles all zones.
(N) Clark's Dry Lake OLF (N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF -North (N) (NC)	21 NW El Centro	300	26	
(N) Coyote Wells OLF -South (N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE,rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck)
(N) EL CENTRO NAS (N)	7 WNW,RR S	-43	69h R2 L5 S4	91, 100 oct. No sto.
Gary (Blythe)	5 NNW,RR N	392	29h	
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct.No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S4	80,91 oct.Poles N. only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct.Poles SE.No bcn.Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF (Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		24 S6	80 oct. N/S taxiing only. Rnwy data unver.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req.
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	

NEW AIRPORTS

(P) Fly (Yuma,Ariz.)	4.5 SSE.RR N	213	65h R1 L2 S2	80 oct. Ltd sto. Bndry lgts
Wickenburg Mun. (Ariz.)	14.8 WSW;RR N	2380	40h S2	80,91 oct. prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → New or revised data.

BLYTHE



NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

Ⓔ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION

SCALE OF MILES
25 0 25 50

[illegible] ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CT)(116.1)	SBMRAZ-DTV,253°,2.2	(4); 116.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(4);116.1,126.18,118.3,122.5
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	320 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	338(PE)(116.1)	SBMRAZ-DTV,261°, 2.3	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-DTV;307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18

[illegible] MEXICO

RODEO (Int.)	254(RH)(116.1)	BMRLZ-DTV,24°,0	(4); 116.1

S-Signal, Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW,RR N	1050	26	
Bisbee	6.4 SSE,RR W	4750	45 L S4	80 oct. Poles W. Port. rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Greenlee (Clifton)(NC)	8.7 SSE,hwy W	3800	35	
★ Cochise Int,T-3,PH-EO	6 S,hwy E	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S,RR E	1450	34	
(A) Coolidge AAF (A)	6.4 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW,RR E	1450	21 S1	80 oct. Pole line E.
Cutter (Globe)	6.8 ESE,RR N	3150	42 S4	80 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	5 SE,RR SW	2692	80h R2 L5 S6	73-100 oct. JP-1.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	TMP INACT NO FACS Twrs E.
Duncan	1 NE	3650	36	Poleline, race track W.
Falcon (Mesa)	7.3 NE,hwy S	1332	31h S6	80,91 oct.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	TMP INACT NO FACS
(P) Ft. Apache (White River)	2.6 SSW,riv S	5200	34	Trees S.
(A) Ft. Huachuca (A)	4 E,RR NW	4635	40	
Gilpin (Tucson)	4.2 NW,RR W	2200	61 L5 S6	80,91 oct. Poles E, SW.
Hayden	1.2 S,hwy E	1910	24	
(A) Hereford AAF(A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct. Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW,riv E	3100	31	RR E
Litchfield (Litchfield Park)(NC)	0.5 NW,canal S	1062	23	Trees SW.
(N) Litchfield Park NAF (N)	4.8 S,riv E	968	60h R1 S1	100 oct.
(A) Luke (Phoenix)(A)	18 WNW	1106	45h	TMP INACT NO FACS
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	TMP INACT NO FACS
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W.
Mesa Airpark	1.4 W,RR SE	1238	27 S1	80 oct. Poleline E.
Nogales Central	3 N,RR E	3600	22 S6	80 oct. No sto.

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE,hwy N	3938	60h L5 S4	73,80,91 oct. All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35	
Paradise (Phoenix)	6 NNW,canal S	1256	26 S2	80,91 oct. Trees S
Phoenix Airhaven	3.9 WNW,RR W	1150	30 S6	80 oct. No sto. Poles SW,NE.
★ Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	30 L4	
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford	4.5 ENE,riv S	3176	48h L5 S5	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E,hwy W	2758	54h	
Sells (NC)	2 NW,rd E	2380	30	
Silverbell (Tucson)	11.2 NW,RR E	2100	21 S1	80 oct.
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	73,80,91,100 oct.
Superior (NC)	2 WSW,hwy N	2600	15	Pole line NE.
Tempe	1.2 SW,RR E	1160	26 S6	80 oct. Poles E, trees W.
Three Point (Casa Grande)(NC)	1.5 NNW,RR SW	1400	32	
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	25	Allway: 2500 x 2000'
Toltec	0.4 NNW,RR W	1500	26	Poles SSW,SW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	28 S1	Ltd 80 oct.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct. No sto. Poles S,SE.
Wickersham (Safford)	2.5 S,RR NE	3000	32 S6	80, 91 oct.
Willcox (NC)	0.9 WNW,hwy E	4186	36	75' trees SE, bldgs NE.
(A) Williams (Chandler) (A)	10 E	1360	60h R1 L5 S6	73, 91, 100 oct. JP-1.

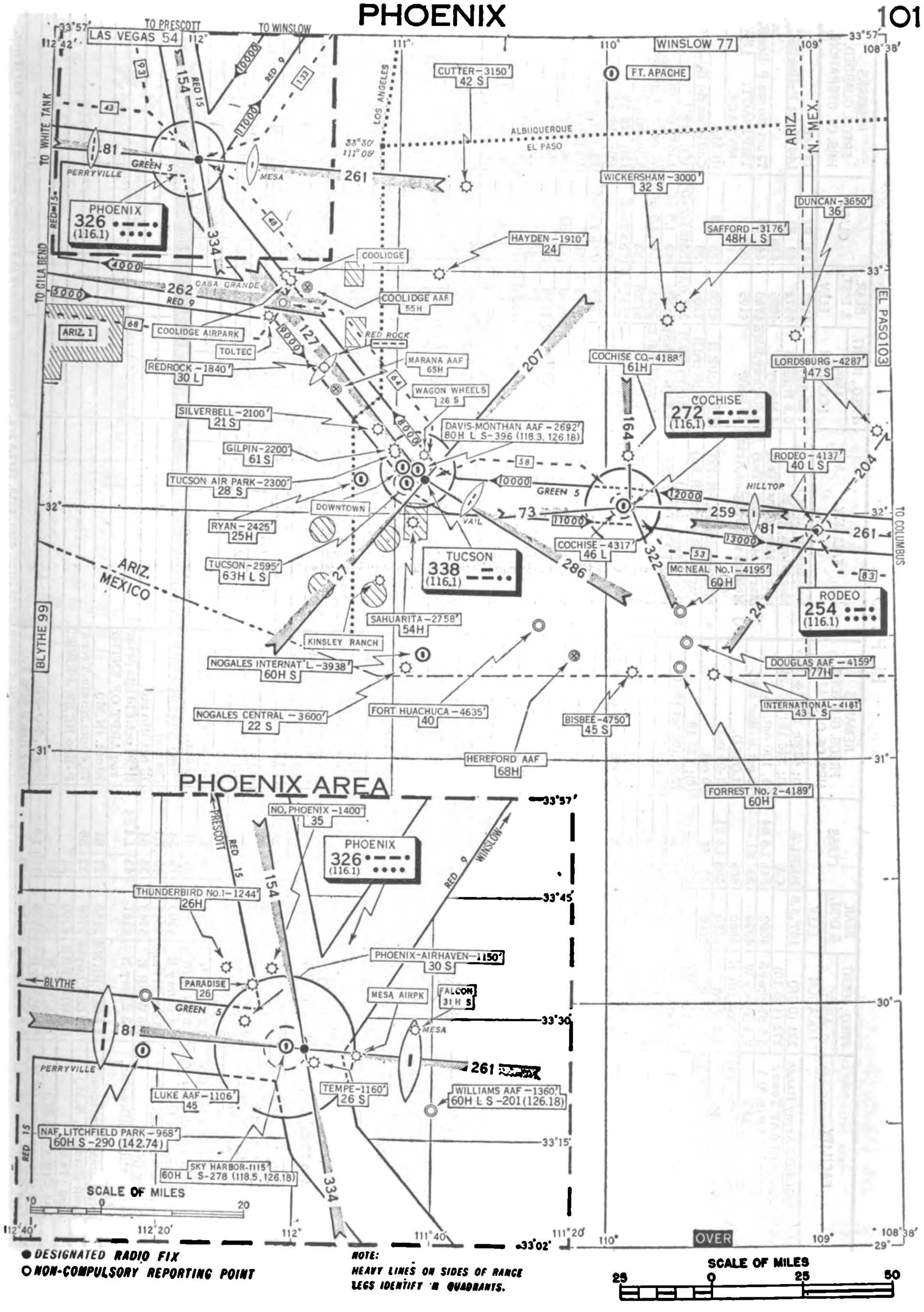
NEW MEXICO

Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
★ Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.

NEW AIRPORTS

Downtown (Tucson,Ariz.)	1.4 S;RR SW	2400	42 S2	80,91 oct Poles N.

A-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA.



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'H' QUADRANTS.

EL PASO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMOGORDO Army Range	221 (DGR)	167°,6.5	BMRLZ	(3); 4220; 126.18
ALAMOGORDO AAF Tower	272 (126.18)		CA	(3); 126.18 (730-24)
(A) Alamogordo AAF (N.M.)	8.5 SW;hwy S	4092	84h L5 S4	73, 100 oct. (A)
Alamogordo (N.M.)	2.4 N;hwy W	4320	29 S1	73 oct. P-line ESE
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED.
(P) Artesia Mun. (N.M.)	4.2 W;rd S	3550	69h L5 S1	73-91 oct.
B&B Fly.Svc.(Roswell,N.M)	2 S;RR E	3600	32 S2	80 oct.
BIGGS Tower (Texas)	396 (126.18)+		CA (ILS-W)	(3); 126.18
(A) Biggs (El Paso,Tex)(A)	6 NE;RR W	3937	96h L5 S6	73,91,100 oct JP-1.
Bowie (Ariz)	1.9 W;RR N	3800	20	P-line NE,W.
CARLSBAD Range (N.M)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad,mun.] (N.M.)	6.1 SSW.	3276	65h L5	Hwy E.Rnwy lgts on req.
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Carrizozo (N.M.)	0.6 N;hwy S	5420	33	
Clifton-Greenlee Co.	8.7 SSE;hwy W	3800	35	(Clifton, Ariz)
COLUMBUS Range (N.M)(Int)	284(KS)(116.1)	262°,1.9	SBMRAZ-DTV	(4); 116.1
★ Columbus Int,34,PH-EO	0.6 ESE;hwy N	4024	42 L3 S1	73 oct. (N.M.)
(P) Culberson Co.(Van Horn)	3.5 ENE;RR S	3955	60h	(Texas)
Decker Ranch (Candelaria)	11.5 N	3650	29	PRIVATE. (Texas)
★ Delaware Springs Int.,11, EO-FV (Texas)	16.8 E of Pine Springs	3955	40 L3 S1	91 oct. P-line SSE
(A) Deming AAF (A) (N.M)	2 ESE;hwy W	4314	81h	CLOSED.
Deming Arpk (N.M.)	6 WSW;RR N	4300	31 S4	73 oct. No sto.
(A) Deming (South)(N.M.)(A)	19.5 SSW	4240	60h	CLOSED.
(A) Deming (Center)(N.M.)(A)	11.5 W;hwy S	4440	60h	CLOSED.
(A) Douglas AAF (Ariz)(A)	8.5 NNW	4159	77h	TMP INACT.NO FACS.
Duncan (Ariz)	1 NE;race track W	3650	36	P-line W [Twrs E]
EL PASO Range (Tex)	242(EO)(116.1)	257°,4.9	SBRAZ-DTV	(3); 116.1, 122.1
EL PASO Tower (Tex)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,118.7,126.18
[El Paso Mun.](Tex)	4.8 ENE;RR SW	3936	70h L5 S1	73,91,100 oct. No sto ARPT OF ENTRY.
ENGLE Range (N.M.)(Int.)	344(EX)(116.1)	172°,2.9	SBRAZ-DTV	(4); 116.1
★ Engle Int,10,EO-PU(N.M.)	2.6 E;hwy N	4853	45 L3	
(A) Forrest #2 (Douglas,Ariz)	6.4 WNW	4189	60h	TMP INACT.NO FACS.
Fort Hancock (Tex)	0.7 SE;RR N	3565	24	P-line N. [(A)]
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
★ Hachita Int,29B,PH-EO	0.8 W;RR N	4498	38 L3	P-line N (N.M.)
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
Hot Springs (N.M.)	7.4 N;hwy E	4500	75 S4	80 oct.Rnwy data unver.
★ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	(Texas)
Hurley (N.M.)	0.8 W;RR E	5748	33 S4	73 oct No sto.
[International](Douglas, Ariz)	3.3 E;hwy N	4181	43 L4 S4	80,91 oct.Fld lgts prior req.ARPT OF ENTRY
John J.Small (Carlsbad)	3.5 SSE;RR NE	3150	27 S1	73 oct. (N.M.)
Jundt (Strauss, N.M.)	8.8 ESE;hwyNE	3709	32 S6	73,80 oct.No sto.Trees
Kent (Texas)	0.6 WNW;RR S	4260	21	P-line NE,SW.PRIV.E.
Las Cruces (N.M.)	1 NE;hwy N	3900	35	
Las Cruces, mun.(N.M.)	8.5 W;hwy S	4426	75h L5	Site 4, EO-PU.
Las Cruces (old)(N.M.)	9.5 NE;hwy S	4538	39	Pwr line S.Mtn E.
Lordsburg (N.M.)	1 SE;RR N	4287	47 S1	73 oct.
Magdalena (N.M.)	0.8 N;RR S	6572	48 S1	Ltd 73 oct.P-line SW.
Marfa Mun. (new)(Tex)	4 N;hwy E	4835	53h	
Marfa Mun. (old) (Tex)	2 NE;hwy,RR S	4780	44 S4	73 oct.No sto.P-line S,
(A) McNeal #1 (Douglas,Ariz) (A)	19 NNW	4195	60h	TMP INACT [SW.] NO FACS.
★ Mt.Riley Int,37,PH-EO	1.8 SE;RR N	4106	36 L2	(N.M.)
Parker (Ruidoso,N.M.)	8.2 NNE;rd N	7200	36	Cattle on fld.Road N.
RODEO Range (N.M.)	254(RH)(116.1)	24°,0.0	BMRLZ-DTV	(4); 116.1
★ Rodeo Int,26A,PH-EO	7.3 NNE;RR SE	4137	40 L3 S1	Ltd 73 oct. (N.M.)
[Roswell] (N.M.)	1.6 WNW;RR E	3621	56 L5 S6	73 oct.Fld lgts prior
Roswell Com. (N.M.)	4 W;hwy N	3700	33	Windmill SW. [req.]
ROSWELL Army Range (N.M.)	305 (DEH)	255°,3.6	SBMRAZ	(3); 126.18
ROSWELL AAF Tower (N.M.)	396 (126.18)+		CA	(3); 126.18
(A) Roswell AAF (N.M.)(A)	6.5 S	3662	85h L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3(N.M.)(A)	18 S	3712	70h	CLOSED.
Ruidoso Fly.Svc. (N.M.)	2 N	6900	51 S2	80 oct.Data unver.
(A) Ryan #3 (Marfa,Tex)(A)	19 WNW;RR NE	4750	60h	CLOSED.
Safford (Ariz)	4.5 ENE;riv S	3176	48h L5 S5	80,91 oct.Fld lgts prior
SALT FLAT Range (Tex.)	335(DN)(116.1)	162°,2.7	BMRLPZ-DTV	(4); 116.1 [req.]
★ Salt Flat Int,8A,EO-FV	17 SW Guad.PS	3710	40 L3 S1	80 oct. Hwy S. (Tex)
Sierra Blanca (Tex)	2.8 ESE;hwy N	4450	21	P-line N.
Silver City (N.M.)	11.5 SE;hwy E	5400	54	
Skytel (Deming, N.M.)	1 W		38 S2	73,80 oct.Data unver.
Socorro (N.M.)	2.5 S;hwy E	4759	60h L5	Use rnwys only.
State College(Mesilla Park)	1.2 E;RR W	3800	30 S6	73 oct.No sto.(N.M.)
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct.Hwy W.
Tracy (Carlsbad,N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
Tularosa (N.M.)	2.2 N;RR W	4550	25	Use strips only.
Valley (Berino, N.M.)	1 ENE;hwy W	3825	34 S1	73 oct.50'hi-line E.
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct.Poles NW.
Whitehill (Silver City,N.M.)	4 SSE	5800	30	P-line N.Rnwy data
Wickersham(Safford,Ariz)	2.5 S;RR NE	3000	32 S6	80,91 oct [unver.]

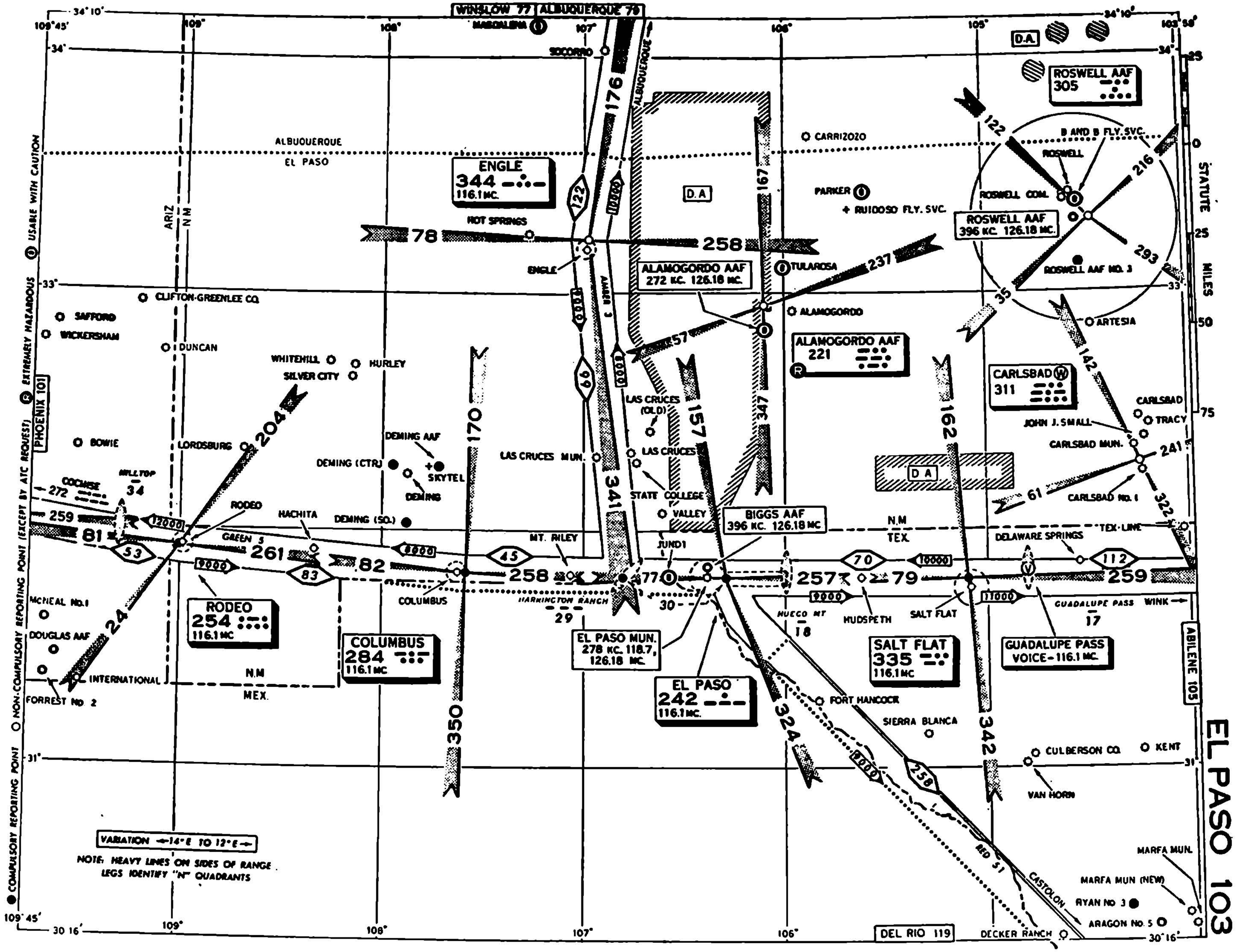
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIGGS (A)	109.9	333.8	210°	IM- (0.26)	MM- ·····(0.85)	OM- ——(4.35)
					MMK-	OMK-
EL PASO	109.5 ·——	332.6	217°	IM-	MM- ·—·—(0.67)	OM- ——(4.56)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker '(3)-3105, 4495, 6210 kcs (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) ➔ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


EL PASO 103
WINSLOW 77
ALBUQUERQUE 78
MAGDALENA
SOCORRO
ALBUQUERQUE
ALBUQUERQUE
EL PASO
ENGLE
344
116.1 MC.
HOT SPRINGS
78
ENGLE
258
ALAMOGORDO AAF
272 KC. 126.18 MC.
TULAROSA
237
ALAMOGORDO
57
ALAMOGORDO AAF
221
CARRIZOZO
PARKER
+ RUIDOSO FLY. SVC.
D.A
167
122
B AND B FLY. SVC.
ROSWELL
ROSWELL AAF
305
ROSWELL COM.
ROSWELL AAF
396 KC. 126.18 MC.
216
293
ROSWELL AAF NO. 3
35
ARTESIA
142
CARLSBAD
311
CARLSBAD
TRACY
JOHN J. SMALL
CARLSBAD MUN.
241
CARLSBAD NO. 1
322
61
D A
162
N.M
TEX.
TEX-LINE
DELAWARE SPRINGS
112
259
70
10000
257
79
9000
HUECO MT
18
HUDSPETH
SALT FLAT
11000
GUADALUPE PASS
WINK
17
SALT FLAT
335
116.1 MC
GUADALUPE PASS
VOICE-116.1 MC.
ABILENE 105
FORT HANCOCK
SIERRA BLANCA
342
CULBERSON CO.
KENT
VAN HORN
MARFA MUN.
MARFA MUN (NEW)
RYAN NO 3
ARAGON NO 5
CASTOLON
RIO 51
DECKER RANCH
DEL RIO 119
BIGGS AAF
396 KC. 126.18 MC
N.M
TEX.
JUNDI
77
30
EL PASO MUN.
278 KC. 118.7,
126.18 MC.
EL PASO
242
116.1 MC.
324
258
9000
MT. RILEY
45
258
82
COLUMBUS
HARRINGTON RANCH
29
350
RODEO
254
116.1 MC
GREEN 5
261
83
9000
RODEO
HACHITA
DEMING (SO.)
81
53
259
272
34
MILLTOP
COCHISE
12000
24
MCNEAL NO. 1
DOUGLAS AAF
INTERNATIONAL
FORREST NO 2
N.M
MEX.
COLUMBUS
284
116.1 MC
VARIATION 14° E TO 12° E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
CLIFTON-GREENLEE CO.
SAFFORD
WICKERSHAM
DUNCAN
WHITEHILL
HURLEY
SILVER CITY
BOWIE
LORDSBURG
204
DEMING AAF
DEMING (CTR)
SKYTEL
DEMING
LAS CRUCES MUN.
LAS CRUCES (OLD)
LAS CRUCES
STATE COLLEGE
VALLEY
157
347
341
170
99
9000
10000
ARIZ
N M
ALBUQUERQUE
AMBER 3
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
PHOENIX 101
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
0
25
50
75
109° 45'
30 16'
109°
108°
107°
106°
34° 10'
34°
33°
31°

ABILENE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(A) Abernathy #1 (Tex) (A)	5 ENE	3346	50h	TMP INACT NO FACS.
ABILENE Range (Tex)(Air Term.)	379(AP)(116.1)	180°,2.2	SBRAZ-DTV	(3); 116.1, 122.1 NATS
ABILENE AIR TERM Tower (Tex)	278 (118.7)		C	(4);118.7,126.18,122.5(7-23)
(P) Abilene Air Terminal (Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.100 oct.Army.
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1793	50h	CLOSED.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct.Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
Arledge (Stamford, Tex)	5 SE;RR SW	1600	23h	P-line S.
(P) Avenger (Sweetwater, Tex)	3.5 W;RR S	2370	62h L5 S1	80 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;RR S	2950	37 S1	80 oct.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-DTV	(3); 116.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18, 122.5, 118 5 (7-23)
(N,P) [Big Spring] (Tex)	3.3 WSW;RR N	2595	62h L5 S6	80,91,100 oct. NATS.
Breckenridge (Tex)	2.5 S;RR E	1250	29 S6	80 oct.
Brownfield (Tex)	5 E;hwy N	3314	50 S2	80 oct.P-line N,NE.
Brownwood Mun. (Tex)	6.3 NNE;RR S	1386	50h L5 S4	80,91 oct.Ctc lgts on req.
Bruce (Ballinger,Tex)	4.5 SSW;hwy NW	1731	23h S6	80 oct.Usable strip 7460'.
Burkburnett (Tex)	1 SE;RR SW	1000	24 S2	80 oct. Poles E.
Burnett (Tex)	2 NE;RR W	1325	21 S1	80 oct. P-line SW.
Buzz (Roaring Springs, Tex)	2.3 NNE;hwy W	2600	26 S1	73 oct. P-line S.
C-B Ranch (Ft.McKavett,Tex)	1.5 W;road S	2150	32 S1	80 oct. Livestock on fld.
Cisco (Tex)	2.5 NNW;lake 2 N	1620	30 S6	80 oct.
Coleman (Tex)	1.7 NE;RR S	1685	16h S6	80,91 oct.Use rnwys only.
Comanche (Tex)	1.7 NNW;hwy SW	1500	14	
Commercial (Lubbock, Tex)	3.2 SE;bet hwys	3240	40 S6	73,80 oct.No sto.Use strips
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct.Hi-line S.
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Denver City (Tex)	0.8 NW	3584	40 S1	80 oct. Data unver.
Dora (N.M.)	1.3 E;hwy W	4000	27 S1	73 oct.P-line N.
Duggan (Littlefield,Tex)	1.2 S;RR NE	3550	37 S4	80,91 oct.Pwrline E,NE,SE
Dyche (Ft. Stockton, Tex)	9 SW;RR E	3010	26h	Allway area: 4000 x 4000'.
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S2	80 oct.
Eden (Tex)	1 NW;hwy E	2050	15 S1	73 oct. Trees NE,SW.
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct.Poles E.Cattle on fld
Electra (Tex)	3.6 WNW;RR S	1229	27 S2	80 oct.
Floydada (Tex)	1.2 NNW;RR N	3287	20 S1	80 oct. P-line S. RR SW.
Flying "M" Ranch (Milnesand)	0.4 NNW;hwy E	4360	20 S2	80 oct.Data unver. (N.M.)
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
Gilchrist (Wichita Falls,Tex)	7 WNW;RR S	1020	30 S1	80 oct P-line S.
GOODFELLOW Army Range (Tex)	227 (DIP)	329°, 2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)	396 (126.18)+		CA	(3); 126.18
(A) Goodfellow (San Angelo,Tex)(A)	3 SE;rds N,W	1877	55h L5 S6	73,91,100 oct. JP-1.
Gorman (Tex)	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
HARPERSVILLE H Fac. (Tex)	284 (HV)(116.1)		MHTV	(4); 116.1
* Harpersville Int,44,EO-FV(Tex)		1396	45 L3	9 2 S of Breckenridge
HOBBS Army Range (N.M.)	293 (DHB)	168°,2.8	BMRLZ	(3) (V, 7-23)
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
Hobbs Mun. (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Holman (Wichita Falls, Tex)	3.1 SSE;hwy W	980	31 L S6	80,91 oct.Poles SE,E,NE
Idalou (Tex)	5.5 ENE	3189	54h	Flood lgts
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE Use strips only.
Kermit (Tex)	1.3 E;RR W	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona, Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver
Knox City (Tex)	0.8 SSE;RR W	1550	17	
Lamesa (Tex)	8 NNE;hwy E	3031	43h	Use rnwys only.
Lamesa Com. (Tex)	1.8 WNW;hwy S	3000	21 S1	73 oct.P-line SSE.
Lampasas Co. (Lampasas,Tex)	6 NW;RR S	1480	42 S2	80 oct.
Levelland (Tex)	2 S;hwy W	3550	25 S1	80 oct.P-line NW,SW.
Llano Co.(Llano, Tex)	2.4 NNE;riv NE	1029	40 S1	73 oct.
Lovington (N.M.)	0.8 E;hwy S	3985	36 S1	73 oct.P-line S,SE SW.
Loyd Hines (Dublin, Tex)	1.3 NW;RR SW	1260	18 S1	73 oct.Poles NW,SW,SE.
LUBBOCK Army Range (Tex)	224 (DHH)	173°,3.7	MRLWZ	
(A) Lubbock AAF (Tex) (A)	9 W;RR S	3332	65h	TEMP INACT.NO FACS.
(A) Marfa AAF (Tex) (A)	9 ESE;RR N	4885	75h	CLOSED.
Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
(P) Me-Tex (Hobbs, N.M.)	4.5 W;hwy N	3700	35 S6	80,87 oct.P-line N,W,NW.
MIDLAND Army Range (Tex)	209 (DON)	48°, 3.8	MRLWZ	
(A) Midland AAF (Tex) (A)	9.5 WSW;RR S	2867	65h	CLOSED.
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18
(A) Midland #2 AAF (Tex) (A)	3 NW;rd E	2805	64h L5 S4	91,100 oct JP-1.No sto.
Midland Com. (Tex)	1.1 SSE;RR N	2800	28 S4	80 oct.No sto.Rnwy data unver
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW.
North Concho (San Angelo, Tex)	1.7 WNW;RR E	1850	28 S4	80 oct.Poles sur fld.
(P) Olney (Tex)	4 WSW;rd S,N	1274	55h L5 S6	80,91 oct.Lgts prior req.
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Paducah (Tex)	2.5 ESE;RR NW	1800	23	
Parker (Texon, Tex)	2.3 W;RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Portales (N.M.)	4.5 SW;RR NNW	4200	46 S1	73 oct.
Post (Tex)	0.8 NE;RR W	2700	28	SSW,W blckd Canyon E.
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91, 100 oct. No sto.
Ranger (Tex)	1.5 SSW;RR W	1420	28 S6	80 oct. P-line NE.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S. Use strips only.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Obsts sur fld.
Rotan (Tex)	1.4 NNW;rd E	2000	26	Poles E. CAUTION.
SAN ANGELO Tower (Tex)	272		CI	(4) (12-1 hr. after sunset).
(P) San Angelo (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Seymour (Tex)	1.3 SE;riv SW	1300	27 S1	80 oct.
[Sheppard/Kell Mun.](Wichita Falls, Tex)	5.8 N;hwy W	1028	66h L5 S6	80, 91 oct.
Sky Harbor (San Angelo, Tex)	4.6 NNW;RR SW	1840	30 L3 S4	80, 91 oct. After 2100 lgts on req.P-line W,NW.
Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
SOUTH PLAINS AAF Tower (Tex)	272		CA	(4) (8-22)
(A) [South Plains AAF](Lubbock)	5.5 NNE;RR W	3256	65h L5 S6	73,91,100 oct.]P-1. (Tex)
Spur (Tex)	2,2 S;RR N	2363	28 S4	80, 91 oct.
Stamford (Tex)	2.5 N;hwy E	1609	24 S2	80 oct. Port rnwy lgts
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct. prior req.
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct.Port rnwy lgts.
Taylor (Albany, Tex)	1 N;RR SW	1429	28 S2	80 oct.
Triangle (Brownfield, Tex)	1.8 SSW;RR NW	3200	20 S2	73 oct.
U & S Fly.Svc.(Big Spring,Tex)	1.5 N;hwy S	2517	30 S6	80 oct.
Victory (Vernon, Tex)	5.9 SSW;hwy E	1230	20h S2	No fuel.
Weaver (Eastland, Tex)	1 NE;RR S	1576	31 S6	80 oct.
* West Brook Int,32,EO-FV (Tex)	1.3 S;RR N	2188	34 L3	P-line N,S.
White (Brady, Tex)	10 W;RR N	1550	73	
WICHITA FALLS Range (Tex) (Sheppard/Kell Mun.)	239(WF)(116.1)	305°,1.7	SBMRAZ-DTV	(4); 116.1, 122.1
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260(WP)(116.1)	353°,1.2	SBRAZ-DTV	(4); 116.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80, 91 oct.
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
NEW FACILITIES				

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice, (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page IV) ➡ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

ABILENE 105

ALBUQUERQUE 79 | OKLAHOMA CITY 81

DEL RIO 119 | SAN ANTONIO 123

FORT WORTH 107 | SAN ANTONIO 123

TO CLARENDON

TO WASHINGTON

TO FORT WORTH

PORTALES

DORA

DUGGAN

FLOYDADA

PADUCAH

BUZZ

VICTORY

ELECTRA

BURKBURNETT

GILCHRIST

SHEPPARD (KELL)

HOLMAN

WICHITA FALLS
239
116.1 MC

ABERNATHY No 1

IDALOU

ALBUQUERQUE
EL PASO

FLYING "M" RANCH

LEVELLAND

LUBBOCK (W)
224

SOUTH PLAINS AAF
272 KC.

COMMERCIAL

LUBBOCK AAF

SPUR

KNOX CITY

SEYMOUR

OLNEY

USABLE WITH CAUTION

EXTREMELY HAZARDOUS

HOBBS AAF
293

N. MEX.
TEX.

BROWNFIELD
TRIANGLE

POST

FORT WORTH
EL PASO

LOVINGTON

DENVER CITY

STAMFORD

ARLEDGE

On request
HARPERSVILLE
284
116.1 MC.

LAMESA

ROTAN

ANSON

BLUE

BRECKENRIDGE

ME-TEX
HOBBS MUN.

SEMINOLE

HOGG

LAMESA COM.

BIG SPRING
326
116.1 MC.

ABILENE
379
116.1 MC

TAYLOR

FORT WORTH
365

HOBBS AAF
272 KC 126.18 MC.

WESTBROOK

U AND S

AVENGER

GREEN 5

STRAWN

WACO

HARPERSVILLE

MIDLAND NO. 2 AAF
219 KC. 126.18 MC.

STANTON

BAIRD

CISCO

WEAVER

RANGER

GORMAN

STEPHENVILLE

LOYD HINES

COLORADO CITY

ABILENE AAF

ABILENE AIR TERM.
278 KC. 118.7 MC.

WINK
260
116.1 MC

CONTINENTAL

MIDLAND

HINES

KERMIT

SKYHAVEN

MIDLAND COM.

WINGATE

WINTERS

COMANCHE

SALT FLAT

BIG SPRING
278 KC. 118.5
126.18 MC.

MIDLAND AAF

ECTOR CO.

COLEMAN

BROWNWOOD

GOODFELLOW AAF
396 KC. 126.18 MC.

NO. CONCHO

SKY HARBOR

BRUCE

FORT WORTH
SAN ANTONIO

MIDLAND (W)
209

MONAHANS

MILLER

ANDERSON

PECOS AAF

CRANE CO.

GOODFELLOW AAF
227

WINK

PYOTE AAF
272 KC. 126.18 MC.

RANKIN

RITA SANTA

PARKER

BIG LAKE

EDEN

CURTIS

WHITE

LAMPASAS CO.

McCAMEY

SAN ANGELO
272 KC.

RED 38

IRAAN

IRAAN MUN.

GIBBS

DYCHE

WIN

ELDORADO

C-B RANCH

MASON CO.

LLANO CO.

BURNET

KINSER RANCH

OZONA

BLUE 30
MEDINA

STARNS

MARFA AAF

EL PASO
SAN ANTONIO

COMPULSORY REPORTING POINT

NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: ← 12°E TO 10°E →

STATUTE MILES

0 25 50 75 100

FORT WORTH

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Bowie (Tex)	2.8 NW;bet RRs	1050	19	Cattle on fld.Trees N.
Brown (Bonham, Tex)	8 N;hwy W	625	48	P-line S,W.
Byrn's Sky Ranch (Hillsboro, Tex)	5.8 NE	820	25 S6	80 oct.Data unver. Trees
Carthage Air Svc.(Tex)	1.3 W;hwy N,S	310	30 S2	80,91 oct.P-line N. E,W.
Clarksville (Tex)	2.8 NNW;RR SW	480	20 S6	73,80 oct.
Cleburne Northwest (Tex)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Commerce (Tex)	3.4 NNE	548	27 S6	80,91 oct. Hwy SE.
Commercial(Durant,Okla)	5.2 W;RR N	710	19 S2	73 oct.Rnwy data unver.
Corsicana,com. (Tex)	2.8 SW;bet rds	400	26	
Corsicana,mun. (Tex)	5.6 SE;RR E	448	20h S6	
(A) Cox AAF (Paris,Tex)(A)	6.5 ESE;RR N	546	46h	CLOSED.
DALLAS Range (Love)(Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Denton (Tex)	4 WSW		42h S6	80,91 oct.No sto.Data unver.
DUNCANVILLE H Fac.(Tex)	404 (D)	176°,10.5	FMK	Dallas.
(P) Eaker (Durant,Okla)	3.2 SSW; RR NW	703	52h L5 S1	80,91 oct.All lgts prior req.
Elder (Kilgore,Tex)	2.5 NE;RR E	352	27 S6	80,87,91 oct.P-line W.
(P) Ellis Co.(Waxahachie,Tex)	3.5 NE;RR S	585	31 S2	73 oct.P-line S.
Ennis (Tex)	1.5 NW;RR E	540	18 S4	Ltd 73 oct. No sto.
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177° 2.4	SBRAZ-DTXV	(3); 116.1, 122.1
Gage (Teague, Tex)	1.7 N		22 S4	80 oct.P-line W.Data unver.
(A) Gainesville AAF (Tex)(A)	3.8 WNW;RR S	833	45h	
Gainesville com (Tex)	3 NNE;hwy W	800	30 L1 S1	80 oct. Poles S.
(A) Gaskin (Sherman,Tex)(A)	12.6 SW;rd E	745	40h L	B-2, flood lgts.
GRAUWYLER PARK H Fac.	311 (L)	356°,0.8	K	Dallas (Tex)
Gray (Denison, Tex)	2.5 E;RR N	675	24 L S6	80 oct.Emerg.lgts by circling fld.
(P) Gregg Co.(Longview,Tex)	7.2 S;riv N	365	52h S1	80,91 oct.
Hamilton (Tex)	2.3 SSW;hwy E	1250	47 S6	80 oct.Fence sur fld.
Hartlee (Denton,Tex)	5.4 NE;RR SSE	588	27 S6	73,80 oct.Poles S.
HASLETT H Fac. (Tex)	371 (F)	1°,8.1	FMK	Fort Worth
Henderson (Tex)	2.1 WNW;hwy S	410	19 S2	73 oct.
Holmes (Gilmer, Tex)	4 N;RR W	370	23	P-line W.Cattle on fld.
(P) Idabel (Okla)	1.3 NW;RR E	500	32 S1	80 oct.Rnwy data unver.
Jacksonville (Cypress,Tex)	3 N;RR E	500	26 S6	73,80 oct.P-line ENE.
Jones (Bonham, Tex)	2 NNE;hwy E	616	18h	
Legion (Paris, Tex)	1.9 NW;RR E	538	31 S6	80 oct. P-line E.
LOVE Tower (Dallas,Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18
(P) [Love] (Dallas, Tex)	5 NNW;RR SW	483	52h L6 S6	73-100 oct.Poles S
McKinney (Tex)	2.1 S;hwy W	616	23 S2	80 oct. Poles E,W.
Majors (Greenville, Tex)	5 SSE;RR W	544	55h S4	80, 91 oct.
Marshall (Tex)	3.9 SE;hwy N	400	30 S6	73 oct.P-line N.
MEACHAM Tower (Fort Worth, Tex)	272 (126.18, 118.7)		AC (ILS)	(4);126.18,118.7,122.5
(N)(P) [Meacham](Fort Worth, Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73-100 oct.NATS (Hospital flights)
Mexia (Tex)	1 SE;RR NW	550	24 S2	80 oct.
Mount Pleasant (Tex)	2.8 ENE;RR S	393	20 S1	80 oct.
Muenster (Tex)	2.6 E;RR S	1010	26 S1	80 oct.P-line S.
(P) Nacogdoches (Tex)	4 WSW;hwy E	370	43h S5	80, 91 oct.
(P) Palestine (Tex)	4.5 WNW;hwy N	410	40h L5 S6	80, 91 oct.
* Parker Int,48,JI-FV (Tex)	0.6 N;hwy W	847	31 L3	
(A) Perrin (Sherman,Tex)(A)	6.4 NNW;RR N	753	51h	TMP INACT.NO FACS.
(P) [Pounds] (Tyler, Tex)	5.5 W;hwy N	543	51h L5 S4	80,91 oct.Ctc lgts prior req. No sto.
(P) Rusk Co.(Henderson,Tex)	2.5 WSW;hwy N	440	30h	
Rutherford (Greenville, Tex)	4.5 WSW;hwy SE	550	23 S3	73 oct. P-line S.
Seventy-Five (Corsicana, Tex)	1.8 N;RR W	480	21 L S6	73 oct.No sto.Port rnwy lgts. **Poles** NW
Sherman (Tex)	1.4 SE;hwy N	749	25h S6	80 oct.
* Simms Int,14,DL-LV (Tex)	1 NE;hwy E	357	26 L3	P-line E,S.
South Sulphur (Greenville, Tex)	9.5 NNE	550	30	
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct.Port rnwy lgts.
Stewart (Tyler, Tex)	2.5 E;hwy N	520	32 L S6	80,91 oct.Poles W.Ctc lgts prior req.Rnwy data
SULPHUR SPRINGS H Fac.	224 (ZO)		MHW	Operates cont. unver.
Sulphur Springs, 7B, DL-LV (Tex)	1.9 NW;RR S	472	35 L3 S1	80 oct.P-line S,SE.
TYLER Range (Tex)(Pounds)	320(TQ)(116.1)	120°,1.6	BMRLZ-DTV	(4); 116.1
WACO Range (Tex)(Mun.)	385(WC)(v.h.f.)	9°, 2.6	SBRAZ-DTV	(4); 116.1, 122.1
Waco (Tex)	7 NNE;bet RRs	470	63h	
(A) [Waco Mun.] (Tex)	6 NW;lake S	510	57h L5 S6	80,91,100 oct.ARMY. TEMP INACT.CIVIL
(A) Waco #5 (Prairie Hill,Tex)	2 S;hwy N	560	40h	CLOSED (A) FACS.
Waxahachie (Tex)	1.5 SSW	558	16 S1	73 oct. Hwys E.
Weddington (Hugo,Okla)	1.9 NW;hwy SW	550	24 S1	80 oct. P-line E.
→ Whaley (Gainesville,Tex)	5.7 WSW;RR N	820	20 S6	80 oct.P-line N.
** Wills Point Int,7,FV-AG	5.9 NW	529	28 L3	(Tex)
Wisener (Mineola, Tex)	1.5 NW;hwy S	510	32 S2	73 oct.
Wolfe City (Tex)	2 N		20	No fuel. P-lines N. Data unver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

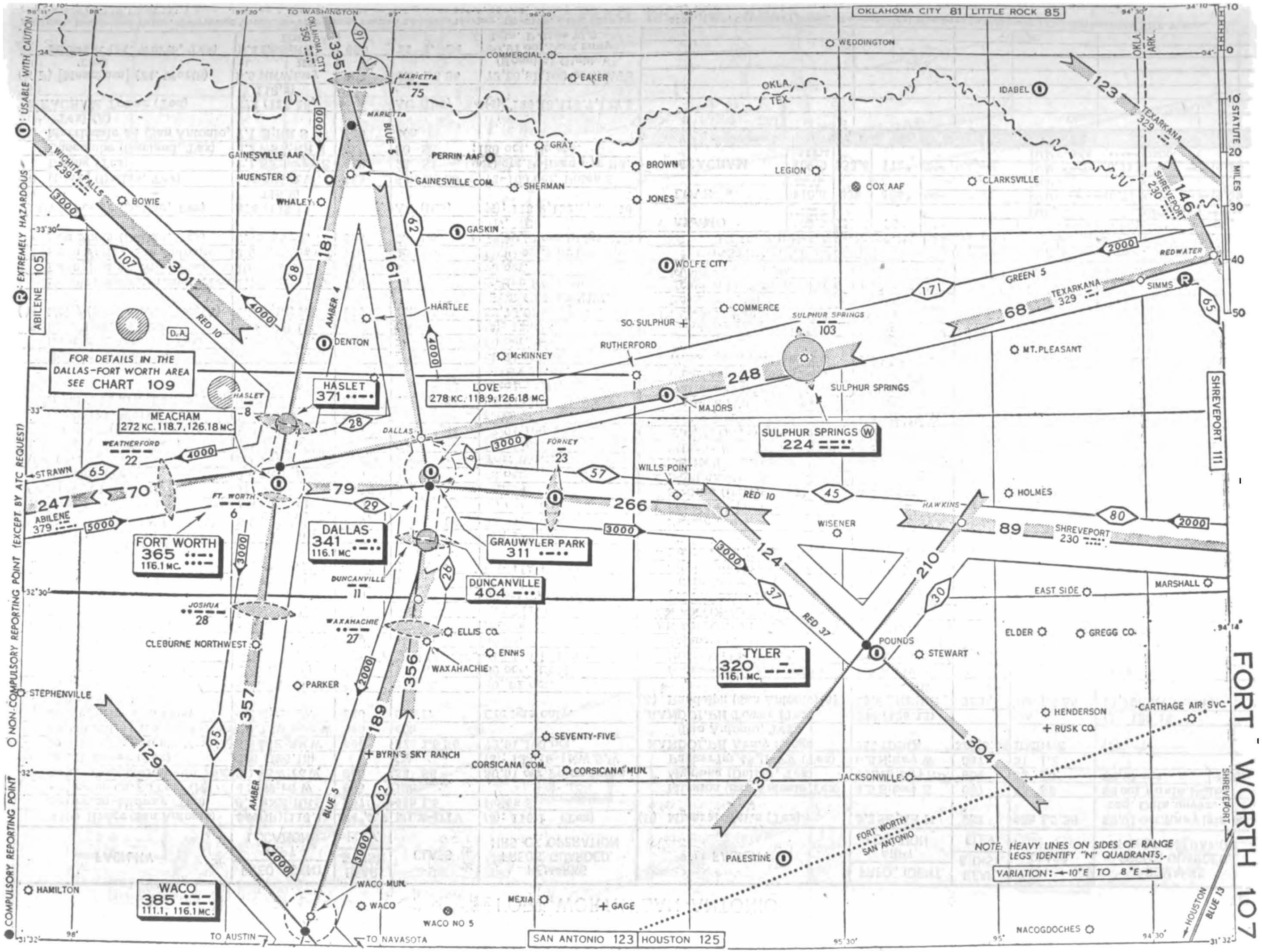
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOVE	110.3 ▬·▬·	335	126°	IM-	MM- ·▬·▬ (0.7)	OM- ▬▬ (4.35)
				MMK-		OMK-
MEACHAM	109.9 ·▬·▬	333.8	172°	IM-	MM- ·▬·▬ (0.71)	OM- ▬▬ (4.10)
				MMK- 356 ·▬·▬		OMK-

NEW FACILITIES

East Side (Longview,Tex)	2.4 NE;RR S	352	25 L S6	80,91 oct. Port rnwy lgts. P-line S

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.85, 140.56 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) →NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


OKLAHOMA CITY 81 | LITTLE ROCK 85
TO WASHINGTON
OKLAHOMA CITY 350
335
91
MARIETTA 75
MARIETTA
BLUE 5
COMMERCIAL
EAKER
WEDDINGTON
OKLA.
TEX
OKLA.
ARK.
IDABEL
123
TEXARKANA 329
SHREVEPORT 230
146
GAINESVILLE AAF
MUENSTER
WHALEY
GAINESVILLE COM.
PERRIN AAF
GRAY
SHERMAN
BROWN
JONES
LEGION
COX AAF
CLARKSVILLE
WICHITA FALLS 239
BOWIE
3000
107
301
4000
ABILENE 105
RED 10
D.A.
68
181
62
GASKIN
161
AMBER
HARTLEE
DENTON
4000
McKINNEY
WOLFE CITY
REDWATER
2000
GREEN 5
171
TEXARKANA 329
SIMMS
COMMERCE
SULPHUR SPRINGS 103
SO. SULPHUR
RUTHERFORD
MT. PLEASANT
65
50
40
30
20
10
STATUTE MILES
FOR DETAILS IN THE DALLAS-FORT WORTH AREA SEE CHART 109
HASLET 371
LOVE 278 KC. 118.9, 126.18 MC.
HASLET 8
MEACHAM 272 KC. 118.7, 126.18 MC.
28
DALLAS
3000
FORNEY 23
6
MAJORS
248
SULPHUR SPRINGS
SULPHUR SPRINGS (W) 224
SHREVEPORT 111
WEATHERFORD 22
4000
STRAWN
65
70
247
ABILENE 379
5000
FT. WORTH 6
79
29
57
WILLS POINT
RED 10
45
HOLMES
HAWKINS
266
3000
FORT WORTH 365 116.1 MC.
DALLAS 341 116.1 MC
GRAUWYLER PARK 311
DUNCANVILLE 11
DUNCANVILLE 404
26
WISENER
89
SHREVEPORT 230
80
2000
124
37
RED 37
210
30
EAST SIDE
MARSHALL
JOSHUA 28
WAXAHACHIE 27
CLEBURNE NORTHWEST
ELLIS CO.
ENNIS
WAXAHACHIE
TYLER 320 116.1 MC.
POUNDS
STEWART
ELDER
GREGG CO.
94°14'
357
356
189
PARKER
STEPHENVILLE
95
129
AMBER 4
BLUE 5
62
SEVENTY-FIVE
BYRN'S SKY RANCH
CORSICANA COM.
CORSICANA MUN.
HENDERSON
RUSK CO.
CARTHAGE AIR SVC.
304
30
JACKSONVILLE
FORT WORTH SAN ANTONIO
PALESTINE
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
VARIATION: ← 10°E TO 8°E →
WACO 385 111.1, 116.1 MC.
WACO MUN.
WACO
WACO NO 5
MEXIA
GAGE
HAMILTON
TO AUSTIN
TO NAVASOTA
SAN ANTONIO 123 | HOUSTON 125
NACOGDOCHES
HOUSTON BLUE 13
SHREVEPORT
FORT WORTH 107
O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
98°
97°30'
97°
96°30'
96°
95°30'
95°
94°30'
34°10'
34°
33°30'
33°
32°30'
32°
31°32'

FORT WORTH-SAN ANTONIO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	MLZ-DTV	(3); 116.1 (Tex)
Arlington-Midway (Tex)	6.8 NNE;RR S	567	41h L5	Poles S.
(N) Arlington OLF (Tex) (N)	4 SSW;rd W	695	13h	
Bexar Co. (San Antonio,Tex)	7.1 SSW;rd W	640	32 S6	80,91 oct.Poles,trees
BROOKS Tower (Tex)	396 (126.18)		CA	(3); 126.18 NW,S,W.
(A) Brooks (San Antonio,Tex) (A)	6.5 SSE;RR W	594	52h L5 S6	73,91,100 oct.
Caddo Mills (Greenville,Tex)	10.7 SW;hwy W	540	40h	
(A) Clear Springs #5 (New Braunfels, Tex) (A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Clearview (Dallas, Tex)	5.1 SSW;RR N	619	30h S6	80, 91 oct.
Craigg (Sayers, Tex)	1.8 W;hwy N	650	41 S1	80 oct. RR N.
DALLAS Range (Love) (Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Davis (San Antonio, Tex)	6.7 N;RR SE	780	16 S1	80 oct.
DUNKANVILLE (Tex)	404 (D)	176°,10.5	FMK	Dallas.
(N) Eagle Mtn Lake MCAS (N)	1 SSE;RR NE	745	60h	INACTIVE. (Newark,
Faurie (Gonzales, Tex)	2 NNE;hwy E	340	18 S2	80 oct.Trees N,S. Calif
Fliers (Dallas, Tex)	6.5 WSW;RR W	580	17 S4	80 oct.No sto.Trees S.
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°,2.4	SBRAZ-DTXV	(3); 116.1, 122.1
FORT WORTH AAF Tower	201 (126.18)+		CA	(3); 126.18
(A) Fort Worth AAF (Tex) (A)	6.8 WNW;lk N	636	73h L5 S6	73,91,100 oct. JP-1.
(N) Grand Prairie OLF (N) (Tex)	1 WSW;RR N	529	30h L5 S4	73 oct.No pcn.
GRAUWYLER PARK (Tex)	311 (L)	356°,0.8	K	Dallas
Handley (Tex)	0.6 NE;RR S	630	26 S6	73 oct.
HASLET (Tex)	371 (F)	1°, 8.1	FMK	Fort Worth.
HENSLEY Tower (Tex)	396 (126.18)		CA	(4); 126.18
(A,N) Hensley (Dallas,Tex) (A,N)	11 WSW;hwy N	495	52h L5 S4	73,91,100 oct.
Hicks (Ft. Worth, Tex)	12.5 NNW	820	27	Lake W.
Highland Park (Dallas,Tex)	9 N;RR E	622	27h L S6	80,91 oct.P-line E. Ctc lgts N/S rnwy. Data unver.
Hudson (Dallas, Tex)	9.6 NE;RR SE	614	17h S6	80,91 oct.P-line W.
Hurt (San Antonio, Tex)	6.5 WNW	680	36 S6	80 oct. Hwy W.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio,Tex) (A)	6.8 W;RR NE	676	75h L5 S6	62,73,91 oct.JP-1. FOR.CLEAR.STN.
Kuehler (New Braunfels,Tex)	1.7 SE;riv NW	720	18	P-line NW.Cattle on fld
Lake (San Antonio, Tex)	10 S;RR E	700	23 S2	73 oct.
Leon Valley (San Antonio)	8.6 WNW;hwy E	710	40 S6	80,91 oct.Pwr line N,W,
Lou Foote (Dallas, Tex)	8.8 S;hwy E	665	35 S6	73,80,91 oct.Bldgs NW. N, NE.
LOVE Tower (Dallas, Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18
(P) [Love] (Dallas, Tex)	5 NNW;RR W	483	52h L6 S6	73-100 oct. Poles S.
Luling (Tex)	1.1 SE;hwy NE	418	21 S1	80 oct.P-lines sur fld.
Luscombe (Garland, Tex)	2.2 WSW;RR N	610	50 S5	80 oct. No sto.
(A) Martindale #4 (San Antonio, Tex) (A)	7.1 E;RR S	660	30h	
MEACHAM Tower (Tex)	272 (126.18, 118.7)		AC (ILS)	(4); 126.18,118.7,122.5
(N,P) [Meacham] (Ft. Worth) Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73,80,91,100 oct.NATS (Hospital flights)
Midwest (Ft. Worth, Tex)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct.Port rnwy lgts. P-line W,S.
(P) Mineral Wells (Tex)	3.2 SE;RR N	938	42h L5 S6	80,91 oct.Rnwy lgts on req. Data unver.
Mission (San Antonio,Tex)	4.5 S;hwy E	567	23 S6	80 oct.No sto.P-line
Mustang (Dallas, Tex)	6 NNE;hwy NE	604	32 S6	80,91 oct. NNE.
Parker Int,48,JI-FV (Tex)	0.6 N;hwy W	847	31 L3	
RANDOLPH Army Range (San Antonio, Tex)	359 (DRQ)	322°,2.04	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio) (A)	15.8 ENE;RR NW	752	70h L5 S6	91,100 oct.No sto.
Riomedina (Castroville)	4.5 N;riv W	855	45	(Tex)
Russell (Ft. Worth, Tex)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Saginaw (Tex)	0.5 WNW;RR E	790	26 S6	80, 91 oct.
SAN ANTONIO Range (Kelly)	254(ZN)(116.1)	107°,1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO	278 (118.5)		C (ILS)	(4);118.5,122.5,126.18
[San Antonio Mun.-Alamo] (San Antonio, Tex)	7.8 N;RR SE	783	55h L6 S2	80,91 oct.
Schneider (Seguin, Tex)	2.2 WNW;RR N	520	23	P-line N.
Second Ave.(Dallas,Tex)	7 SE;RR N	530	26 S1	73,80 oct.Use strips. Poles S.
Seguin (Tex)	3.3 WSW;riv E	400	29 S1	73,80 oct.P-line NW
(A) Seguin #1 (Tex) (A)	3 E;rd N	530	54h	
Skyline (Dallas, Tex)	3.2 SSE;riv E	430	26 S6	80,91 oct.Trees NW.
Sky Ranch (Arlington,Tex)	3 SW;RR N	590	25 S2	80 oct.
STINSON Tower (Tex)	209		CI	3105, 6210 (8-19)
Stinson (San Antonio,Tex)	6.2 SSE;RR E	567	49h	
T.C.U. (Ft. Worth, Tex)	6.6 SW;RR S	710	24 S6	80, 91 oct.
Terrell Mun. (Tex)	1.5 SE;RR W	490	30h	80, 91 oct.
Wallace (Terrell, Tex)	2 W;RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman,Tex)	4 W;hwy N	490	13	
Weatherford Mun. (Tex)	1 W;hwy N	1147	38 S4	80 oct.
White Rock (Dallas,Tex)	6.7 ENE;RR NW	543	29 L S6	91 oct. Port rnwy lgts.
Yates (San Antonio, Tex)	13.7 N;hwy W	968	33	
YOAKUM H Fac. (Tex) (Int.)	236 (YK)	352°,2.8	HW	
Yoakum (Tex)	4 N;hwy W	375	20 S6	80 oct.
* Yoakum Int,7,JR-HU (Tex)	5 NW;hwy S	387	39 L3	
(A) Zuehl #6 (Tex) (A)	0.8 NE	610	30h	Hwy NW.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALAMO	109.9	333.8	30°	IM-	MM- •—•—(0.68)	OM- ——(4.38)
					MMK-	OMK- 230 ——••
LOVE	110.3	335	126°	IM-	MM- •—•—(0.7)	OM- ——(4.35)
					MMK-	OMK-
MEACHAM	109.9	333.8	172°	IM-	MM- •—•—(0.71)	OM- ——(4.10)
					MMK-356 •••—	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) ➡ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

(SEE CHART 107)

DALLAS - FORT WORTH AREA

WICHITA FALLS
D.A.
TO MARIETTA
TO MARIETTA
CADDO MILLS
MCAS, EAGLE MTN. LAKE
HASLET 371 116.1 MC.
DALLAS 341 116.1 MC.
FORT WORTH 365 116.1 MC.
LUSCOMBE
HIGHLAND PARK
HUDSON
MUSTANG
WHITE ROCK
LOVE 278 KC. 118.9, 126.18 MC.
MEACHAM 272 KC. 118.7, 126.18 MC.
FORT WORTH AAF 201 KC. 126.18 MC.
GRAUWYLER PARK 311
GRAND PRAIRIE OLF
SKY RANCH
MIDWEST
HENSLEY 396 KC. 126.18 MC.
ARLINGTON OLF
DUNCANVILLE 404
LOU FOOTE
CLEARVIEW
SECOND AVENUE
SKYLINE
FLIERS
HANDLEY
RUSSELL
T.C.U.
PARKER
WEATHERFORD
MINERAL WELLS
STRAWN
ARLINGTON
SAGINAW
HICKS
REDWATER
GREEN 5
WALLACE
TERRELL
RED 10
HAWKINS
WALLACE NO. 2
TO WACO
TO WAXAHACHIE

(SEE CHART 123)

SAN ANTONIO AREA

10 0 STATUTE MILES 10 20

BIG SPRING
AUSTIN
SPRING BRANCH
ALAMO 344 116.1 MC.
SAN ANTONIO (ALAMO) 278 KC. 118.5 MC.
SAN ANTONIO 254 116.1 MC.
KELLY AAF 219 KC. 126.18 MC.
RANDOLPH AAF 272 KC. 126.18 MC.
RANDOLPH AAF 359
BROOKS AAF 396 KC. 126.18 MC.
STINSON 209 KC.
YOAKUM (W) 236
KUEHLER
CLEAR SPRINGS NO. 5
LULING
YATES
SCHNEIDER
SEGUIN NO. 1
SEGUIN
FAURIE
ZUEHL NO. 6
DAVIS
LEON VALLEY
HURT
MARTINDALE NO 4
CRAIGG
MISSION
BEXAR CO.
LAKE
RIOMEDINA
MEDINA
YOAKUM INT
YOAKUM
LAREDO
TO PLEASANTON

● COMPULSORY REPORTING POINT ○ NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE [illegible] IDENTIFY "N" QUADRANTS

CHART 109

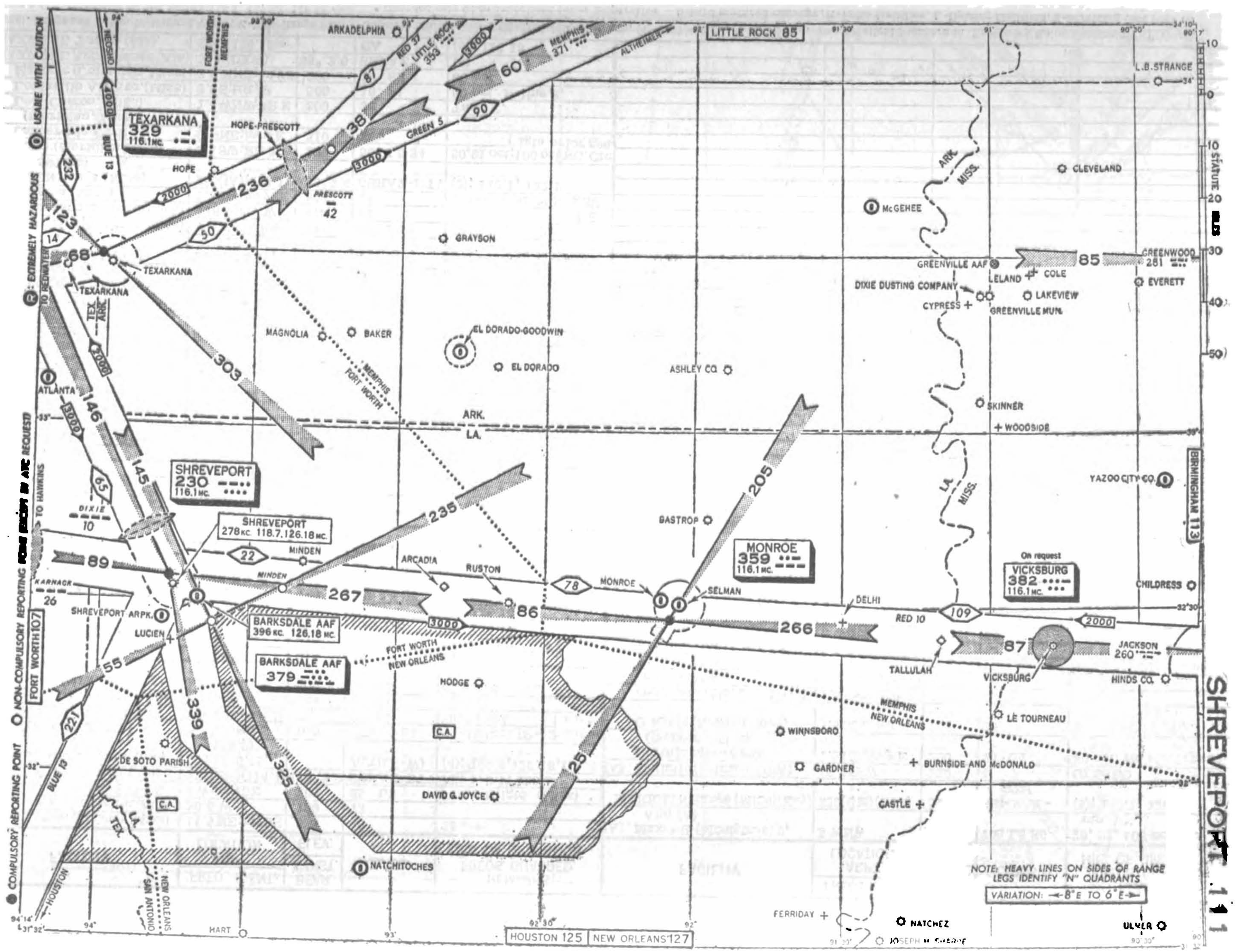
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
★ Arcadia Int,26,FV-AG	4.5 E;RR S	341	29 L3 S2	No fuel.P-line SW.(La)
Arkadelphia,24,DL-LV	1.5 ENE;RR N	186	40 L3 S6	80 oct.P-line N,NW(Ark)
Ashley Co.(Crossett,Ark)	5.5 NE;RR E	160	21 S1	Ltd 80 oct.Obsts sur fld.
Atlanta Mun. (Tex)	2 WSW;hwy NW	264	37	P-line ESE,SSE.
Baker (Magnolia,Ark)	4.3 E;hwy S	300	18 S6	91,80 oct.P-line SW.
BARKSDALE Army Range (Shreveport) (La)	379 (DBY)	325°,4.4	SBMRAZ	(3)
BARKSDALE Tower (La)	396 (126.18)+-		CA(ILS-W) (GCA)	(3); 126.18
(A) **Barksdale (Shreveport,** La) (A)	5.8 E;riv W	167	100h L5 S4	73,91,100 oct. JP-1.
Bastrop (La)	2.8 WSW;riv W		18 S1	80 oct.
Burnside & McDonald (Newellton, La)	1 WSW	77	50	Data unver.
Castle (St.Joseph, La)	2 N	75	20 S4	80 oct.No sto.Data unver
Childress (Flora,Miss)	1.5 NNW;RR E	186	30 S1	73 oct.Trees,bldg N.
Cleveland (Miss)	2 NW;hwy S	400	26 S6	73 oct.
Cole (Heads, Miss)	3 NE;RR W	118	16	
Cypress(Greeny'l,Miss)	1.5 SSW;lk E	120	28 S1	80 oct.Data unver.
David G.Joyce(Winnfield)	3 NW;hwy E	130	16 S1	80 oct.Trees N. (La)
Delhi Flying Svc. (La)	0.5 N	95	23 S4	80 oct.P-line E.Data un-
(P) De Soto Parish (Mansfield, La)	4.3 NW;hwy S	322	51h	ver.
Dixie Dusting Co. (Greenville, Miss)	2 SE;RR,hwy N	118	16 S4	73 oct.No sto.
El Dorado (Ark)	1.5 S;RR W	265	24 S4	80 oct.
(P) El Dorado-Goodwin (El Dorado, Ark)	8.6 W;hwy S	278	51h	
Everett (Moorhead, Miss)	1 SE;RR N	127	37 S6	73 oct. No sto.
Ferriday (La)	1 N	55	18	Data unver.
Gardner (Gilbert, La)	1 E;hwy S	75	16 S1	Ltd 73 oct.
Grayson (Camden,Ark)	3.4 SW;RR S	135	26 S6	80,91 oct.No sto.
→ Greenville,mun. (Miss)	3.5 ESE;hwy N	118	40h S4	80 oct.
(A) Greenville AAF (Miss)(A)	6.5 NE;rd W	129	40h L5 S2	80,91 oct.P-line E,SE.
Hart (Many, La)	1.8 SSW;RR E	242	24	Trees NNE
Hinds Co.(Jackson,Miss)	12.8 W	244	40h	
Hodge (La)	0.5 ENE;hwy NW	300	24	Cattle on fld.
Hope (Ark)	5 NNW;RR E	359	55h L3 S6	80,91 oct.Lgts prior req. Use rnwy.
Hope Prescott (Prescott)	3 SW;RR E	280	21 S6	80 oct. (Ark)
Joseph H. Sharpe	1.8 ESE;RR S	135	25 S2	73 oct.(Natchez,Miss)
Lakeview (Leland,Miss)	1.7 SE;lake E	120	18 S4	73 oct.No sto.Data unver
L.B.Strange (Tutwiler)	0.7 SSE;hwy W,E	160	22 S6	80 oct.N blckd. (Miss)
Leland (Miss)	3 NNE		23 S4	80 oct.No sto.Pwrline NW. Data unver.
Le Tourneau (Yokena, Miss)	2.5 NW;riv W	80	25 L2	Lgts prior req.Caution-wet.
Lucien (Shreveport, La)	7 S	205	31 S4	80 oct, Data unver.
Magnolia (Ark)	1.6 WSW;RR E	225	30	10' bldg SSW.
McGehee (Ark)	0.6 NNW;RR E	145	30 S1	80 oct. Hwy E.
Minden (La)	1.5 W;RR S	200	26 S4	80 oct. Trees sur fld.
MONROE Range(Selma)(La)	359(UO)(116.1)	25°,2.8	SBMRLZ-DTV	(4); 116.1
Monroe Arpk (La)	1.5 N;RR N	-	26 S6	80 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
(P) Natchitoches (La)	1.5 SSW;RR E	115	41h L5 S6	80 oct.; ltd 90 oct. Ctc lgts prior req. No bcn.
Ruston (La)	1.2 SE;RR N	317	32 L S6	80,91 oct.Lgts prior req. 1600' rnwy hard surface
(P) Selman (Monroe, La)	4.6 E;RR N	79	50h L5 S1	80,91,100 oct.Fld lgts on
SHREVEPORT Range (La)	230(ZH)(116.1)	146°,1.8	SBRAZ-DTV	(3); 116.1 req.
SHREVEPORT Tower (La)	278 (126.18, 118.7)		AC	(4); 126.18,122.5,118.7
(P) Shreveport (La)	2.5 NNE;riv E	179	45h L5 S6	73, 80 oct.
Shreveport Arpk (La)	4.5 SSW;bet RRs	200	47 S6	80,91 oct.P-line SE.
Skinner (Glen Allan,Miss)	4 N;lake W	110	18 S1	73 oct.
★ Tallulah Int,36,FV-AG	2.4 ENE;RR S	84	28 L3	Beacon S. (La)
TEXARKANA Range (Ark)	329(TR)(116.1)	123°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
Texarkana (Ark)	4 NE;RR W	389	40h L5 S6	80,91,100 oct.;100 oct.
Texarkana (Tex)	6 W;RR N	340	25 L S6	80,91 oct.Flare Army. pots in emerg.
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	20 S4	73 oct. No sto. P-line W.
VICKSBURG H Fac.(Miss)	382(VS)(116.1)		MHTV	(4); 116.1
Vicksburg (Miss)	6.8 NE;hwy W	287	39 S4	80, 91 oct.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.
Woodside (Grace,Miss)	1.5 NNW	106	24 S1	80 oct.
Yazoo City County (Miss)	1.5 N		18 S1	80 oct. Data unver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BARKSDALE(A)	109.9	333.8	143°	IM- (0.01)	MM-·····(1.00)	OM- – –(4.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities.



SHREVEPORT 111

BIRMINGHAM

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Augustine (Jackson,Miss)	11.5 NE;riv SE	335	40	73 oct.
Autaugaville (Selma,Ala)	20.5 W	100	73	
* Batesville Int,29,NO-LS	3 W;hwy SE	205	25 L3	Poles N,lgtd. (Miss)
BIRMINGHAM Range (Ala)	224(BH)(116.1)	178°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
BIRMINGHAM Tower (Ala)	278 (126.18, 118.3)		AC(ILS-W)	(4); 122.5,126.18,118.3
(A) [Birmingham, Ala]	5.5 NE;RR S	643	57h L5 S3	73-100 oct.JP-1.Rdo rec rqrd.
Bonita (Meridian,Miss)	2.5 ENE;hwy N	329	20 S1	80, 91 oct.
(P) Carroll Cone(Tupelo,Miss	3 W;hwy S	338	37 S1	80 oct.
Central Park (Birmingham, Ala)	5.2 SW;RR E	500	29 S6	80 oct. No sto.
Columbiana (Ala)	1.5 WNW	514	23	Lgt acft only.
(A) Columbus AAF(Miss)(A)	10 N;RR E	215	45h	TMP INACT.NO FACS.
CRAIG Army Range (Ala)	272 (DPP)	320°,2.5	BMRLZ	(3); 126.18
CRAIG Tower (Ala)	219 (126.18)		CA	(3); 126.18
(A) Craig (Selma,Ala) (A)	4.8 SSE	166	53h L5 S6	91, 100 oct.
Cullman (Ala)	5 SSE;RR E	740	15 S2	73 oct.
Dallas (Selma, Ala)	2.2 SW;riv SSE	161	20 S1	80 oct. Trees NE.
[Dannelly](Montgomery, Ala.)	7.5 SW;RR E	219	40h S1	80, 91 oct.
(P) Demopolis (Ala)	7.8 WSW	198	50h	River NW.
E. Jackson (Jackson,Miss)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N.
(A) Elmore (Montgomery,Ala)	10 N;hwy N	203	45	CLOSED (A)
Eupora (Miss)	1 NE;hwy S	325	15 S2	80 oct. Hill NW.
Eutaw (Ala)	2 SE; hwy N	160	23	P-line W.
Forest,46,FV-AG (Miss)	1 W;RR S	512	28 L3 S1	80 oct.
Foster (Tuscaloosa,Ala)	5.5 S	236	32 S4	Ltd 73 oct.Pwr line E
(A) Furniss (Selma,Ala)(A)	10 SSW	145	40	CLOSED.
* Gainesville Int, 55, FV-AG (Ala)	2 S;hwy W	174	31 L2	
Gragg,27,PS-TM (Clanton, Ala)	2.2 NE;crk S	571	29 L3 S2	80,91 oct.Hill E.
Greenville,24,NO-AG(Ala)	5.5 WNW	561	26 L2 S4	80 oct. Hwy S.
GREENWOOD Range (Miss)	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4); 116.1
Greenwood Mun. (Miss)	2.3 SW;RR SE	129	40h L5 S2	80,91 oct.P-line E,SE.
(A) Greenwood AAF (Miss)(A)	5.8 ESE;hwy N	162	50h	CLOSED.
Grenada (Miss)	3 N;RR S	207	50h L5 S2	80,91 oct.Ctc lgts on req
HAWKINS Tower (Miss)	278 (126.18, 118.7)		C(ILS)	(4); 126.18,118.7,122.5
(A,N) [Hawkins](Jackson,Miss)	3 NW;RR SW	343	54h L6 S6	80,91,100 oct.Tank,stack E.
(A) Henderson (Selma,Ala)(A)	29 SW;riv W	170	40	CLOSED.
Houston (Miss)	1.5 SW;hwy SE	342	28	Trees W,SE,N;bldg SE.
JACKSON Range (Miss) (Hawkins)	260(JA)(116.1)	173°,2.4	SBRAZ-DTV	(3); 116.1, 122.1
(NG) [Key] (Meridian,Miss)	3.5 SW;RR E	297	50h L5 S4	80,91 oct;100 oct NG.Ctc lgts prior req.
Lauderdale Civil (Meridian, Miss.)	9 NNE;hwy E	310	32h	
Lee (Canton, Miss)	1.4 WNW;RR E	300	38	Tank E.
Louisville Air Svc.(Miss)	3.9 S;RR W	500	16 S1	80 oct. P-line S.
Masonic (Columbus,Miss)	3.9 ENE;hwy S	200	28 S2	80 oct.
MAXWELL Army Range (Ala)	362 (DXW)	86°,2.0	SBRAZ	(4)
MAXWELL Tower (Ala)	396 (126.18)+		CA	(4); 126.18
(A) Maxwell (Montgomery, Ala) (A)	3 WNW	167	70h L5 S6	73, 91, 100 oct. No sto. JP-1.
MERIDIAN Range (Miss)(Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Mollette (Selma,Ala)(A)	16.2 SSW	150	40	CLOSED
North Jackson Arpk.. (Jackson, Miss)	7.5 NE;hwy E	300	25 S4	80 oct. No sto.Trees S
O'Keefe (Newton,Miss)	1.5 ESE;RR N	363	26	Trees NE,SE,NW. UNUSABLE.
Oktibbeha (Starkv'l,Miss)	7.5 ENE;hwy E	326	30 S6	73 oct.
(P) Oxford (Miss)	8 S;riv N,W	400	30 S2	73 oct.
Philadelphia Arpk (Miss)	See Friendly Flying Service under "New Facilities" - name changed.			
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	(Miss)
Roberts (Birmingham,Ala)	3 W;RR N	610	39	
Selma-Selfield (Selma,Ala)	4 ENE;RR S	130	40h	
(A) Starkville (Miss) (A)	2 SW	325	50h	CLOSED
(A) Stinson (Aberdeen,Miss)	3 NW;hwy NE	239	30	CLOSED. (A)
TUSCALOOSA H Fac.(Ala)	206(TU)(116.1)		MHTV	(4); 116.1
Van de Graaff,59,FV-AG (Ala)	3 NW;RR N	172	52 L3 S6	80,91 oct.Pole,trees N.
Walker Co. (Jasper,Ala)	2.5 NNE;RR W	527	31 S2	80 oct.
Winona (Miss)	1.3 SSE;RR W	370	29 S4	73,91 oct. Lgt acft only Rnwy data unver.
* Zeiglerville Int,19,NO-LS (Miss)	3 SW;riv N	248	26 L2	Twr SE.Trees E,S,SE.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BIRMINGHAM				IM-	MM-	OM-
					MMK 356 ···· (0.72)	OMK 375 — ··· (5.4)
HAWKINS	109.9 •–•–	333.8	108°	IM-	MM- •–•– (0.70)	OM- ––(4.43)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

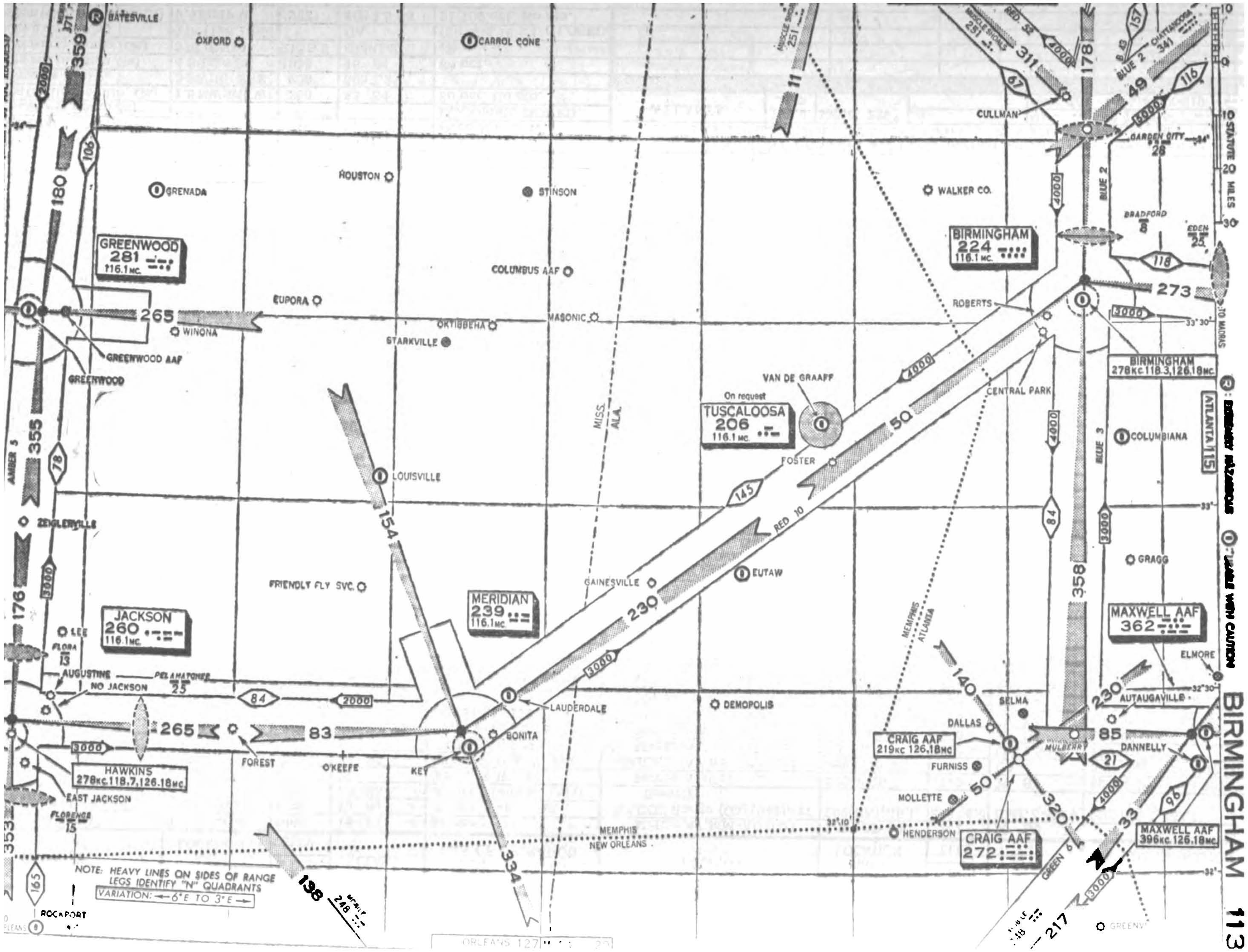
Friendly Flying Service (Philadelphia,Miss.)	0.7 SE	500	22 S4	80 oct.All appchs blocked.

(3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV)

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED, Airports are indented and non-capitalised.


BATESVILLE
OXFORD
CARROL CONE
GRENADA
HOUSTON
STINSON
WALKER CO.
CULLMAN
GARDEN CITY
BRADFORD
EDEN
GREENWOOD 281 116.1 MC.
COLUMBUS AAF
EUPORA
WINONA
OKTIBBEHA
MASONIC
STARKVILLE
ROBERTS
BIRMINGHAM 224 116.1 MC.
GREENWOOD AAF
GREENWOOD
VAN DE GRAAFF
On request
TUSCALOOSA 206 116.1 MC.
CENTRAL PARK
BIRMINGHAM 278KC 118.3, 126.18MC.
COLUMBIANA
ATLANTA
FOSTER
LOUISVILLE
MISS. ALA.
ZEIGLERVILLE
FRIENDLY FLY SVC.
GAINESVILLE
EUTAW
GRAGG
MERIDIAN 239 116.1MC.
JACKSON 260 116.1MC.
MAXWELL AAF 362
ELMORE
LEE
FLORA
AUGUSTINE
PELAHATCHIE
NO JACKSON
LAUDERDALE
DEMOPOLIS
BONITA
FOREST
O'KEEFE
KEY
SELMA
DALLAS
CRAIG AAF 219KC 126.18MC
AUTAUGAVILLE
DANNELLY
FURNISS
MULBERRY
MOLLETTE
HENDERSON
CRAIG AAF 272
MAXWELL AAF 396KC 126.18MC.
HAWKINS 278KC 118.7, 126.18MC.
EAST JACKSON
FLORENCE
MEMPHIS
NEW ORLEANS
ROCKPORT
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 6°E TO 3°E →
ORLEANS 127
BIRMINGHAM 113

ATLANTA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albertville (Ala)	1 NW;RR NE	1063	15 S1	80 oct.
Allen (Buford, Ga)	1.5 S;hwy SW	1070	15 S1	80 oct. P-line SW.
Allenport (Montgomery)	4.3 SSE;RR W	175	30 S6	80 oct. Trees N. (Ala)
Americus (Ga)	1.5 S;RR W	362	27	Trees E,W,NE.
Anniston (Ala)	5.5 SSW	610	24 S3	80 oct. P-line W, lgtd.
(A) Anniston AAF (Ala)(A)	15 SW;hwy N	527	53h	TMP INACT. NO FACS.
Athens (Ga)	3.5 E;RR N	807	40h L3 S6	80,91 oct. Lgts prior req
→ ATLANTA Range (Ga)	266(AG)(vhf)	331°,1.9	SBRAZ-DTXV	(3); 116.1, 122.1
ATLANTA Tower (Ga)	278(118.7,126.18)		AC(ILS-W)	(4); 126.18,118.7,122.5
(A) [Atlanta] (Ga)	8 S; RR N	1005	48h L6 S6	73-100 oct.
ATLANTA Navy Range (Ga)	323 (NCQ)	86°,3.2	MRLWZ	
ATLANTA NAS Tower (Ga)	356 (142.74)		CN	3105,4495,3117.5;142.74
(N) Atlanta NAS (Ga) (N)	8.5 NNE	1002	39h (L6) S6	100 oct. Hwy SE.
(P) Auburn-Opelika (Auburn)	2.8 E;RR N	770	40h L5 S6	80 oct. (Ala)
Bentley (Calhoun Falls,S.C.)	3 ENE	500	16	RR NNW.
* Butler Int,14,TJ-AG (Ga)	0.5 NW;RR S	667	32 L3	Poles S.
Cedartown (Ga)	1 W;rd S	850	25 S4	80 oct. P-lines N,W.
Centre (Ala)	0.6 NNW	720	22 S4	80 oct. SSE appch blckd.
City-Co. (Carrollton,Ga)	3.3 NE;hwy E	1200	12 S1	Ltd 73 oct.
Clevenger's Arpk. (Marietta, Ga)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No sto.
Cobb (Marietta, Ga)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct. No sto. Trees
(A) Cochran (Macon,Ga)(A)	10 S;RR E	354	50h	TMP INACT. NO FACS. NW.
* Cochran Int,50,MM-AG (Ga)	5 NE;rd N	324	30 L2 S6	80 oct. Poles NW,NE,S, SE. (Ga)
Columbus (Ga)	1.5 SSE;riv SW	215	45 S4	80 oct.
(P) Cordele (Ga)	1.6 NNE;RR W	305	52h L3 S1	80 oct.
Crawford W. Long (Jefferson, Ga)	2.5 S;RR E	950	27 L1 S1	80 oct. P-line SE.
(N,P) Dublin (Ga)	4.5 WNW;hwy S	303	50h S1	73 oct. NATS (Hospital)
Elberton (Ga)	2 SE;hwy W,N	710	16 S1	80 oct. Obst sur fld.
Felton (Cartersville,Ga)	2.5 N	790	23	Hills S,W,N;wires E,W
Flying "S" Ranch (Villa Rica, Ga)	1.7 NE	1040	17 S4	80 oct. No sto. Rocks NE Data unver.
Gadsden (Ala)	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Gainesville (Ga)	1.5 S;RR E,NW	1277	40h (L5) S6	80,91 oct. Lgts on req.
Griffin (Ga)	1.5 S;hwy E	936	30 L3 S6	80 oct. Twr E.
GUNTER Tower (Ala)	201		CA	4495 (Oper. on a variable schedule)
(A) Gunter (Montgomery,Ala)	5 NE	225	35h	(A)
Herbert Smart (Macon,Ga)	4 ESE;hwy W	463	47h L5 S6	80, 91 oct.
Hurtsboro (Ala)	2.5 SE;RR SW	349	23 S1	78 oct.
Jackson Int,57,MM-AG (Ga)	4.6 SW;rd S	716	30 L3	Barn E;bldg W.
→ JONESBORO K Fac. (Ga)				DECOMMISSIONED.
Kings (Milledgeville, Ga)	1.5 NW;RR W	360	23 S4	80 oct. No sto.
(P) La Grange (Ga)	3 SW;RR ESE	700	50h L2	
Lakewood (Atlanta,Ga)	4 S;lake SE	1026	16 S4	80 oct.
LAWSON Army Range (Ga)	379 (DVL)	21°,3.3	BMRLZ	(3)
LAWSON Tower (Ga)	278 (126.18)+		CA	(3); 126.18 CLOSED.
(A) Lawson (Columbus,Ga)(A)	9.5 S;riv W	232	59h L5 S6	91,100 oct. No sto.
McRae,47,MM-AG (Ga)	2 SE;RR NE	247	26 L3	
MACON Range (Ga) (Herbert Smart)	209(UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1,122.1
Madison (Ga)	2 SSW;RR E	720	27 S2	80 oct. Pwr line SSE.
MARIETTA AAF Twr (Ga)	396 (126.18)		CA	3105,4495;126.18(8-20)
(A) Marietta AAF (A) (Ga)	2.5 SE	1030	60h L5 S4	100 oct. JP-1.
Montezuma (Ga)	1.5 E;RR S,W	300	35 S1	Ltd 80 oct.
Morton (Palmetto,Ga)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line SE.
Moton (Tuskegee, Ala)	3 N;RR,riv E	269	40 S6	80,91 oct. Twr S end.
[Muscogee Co.] (Columbus, Ga)	6 NE;hwy E	386	40h L5 S6	80,91 oct. Fld lgts prior req.
Newnan Arpk (Ga)	3.7 SE;RR W	970	20 L1 S1	80 oct.
Norman Bridge (Montgomery, Ala)	5.8 S;RR E	172	20 S4	73 oct. No sto.
Parkaire (Marietta, Ga)	7.7 E;hwy SW	1100	22 S1	80 oct.
Polo Arfld (Athens, Ga)	2 WSW;hwy N	720	12 S4	80 oct. No sto.
Red Dog (Cochran, Ga)	6.2 NW;RR W	300	22 S4	80 oct. Trees N,E.
Reginald Grant Memorial (Thomaston, Ga)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S. Trees
Ries (Macon, Ga)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg. NE.
ROBINS Tower (Ga)	284 (126.18)+		CA	(3); 126.18
(A) Robins (Warner-Robins)	1.5 NE Wellst'n	295	70h L5 S6	62,73,100 oct. JP-1.(A)
Roosevelt (Warm Spgs,Ga)	3.5 N;hwy W	870	22 S2	80 oct. Trees SE,SW,NW
Rockmart (Ga)	2 ENE;RR W	800	20 S1	80 oct. P-line W.
Rome (Ga)	3 NW;RR S	669	25 S6	80 oct. No sto.
(N) Russell (Rome, Ga)	7 N;hwy N	644	45h L5 S6	80,91 oct. Lgts prior req.
* Siloam Int, 7B, AG-CS (Ga)	1.3 S;rd W	654	39 L3	82' mast SE Data unver corner N/S strip.
Souther (Americus,Ga)	4 NE;RR W	470	66	
Talladega (Ala)	2.6 NE;RR SE	590	20	P-line E, hill W.
* Tallapoosa Int,73,FV-AG	5.5 SSE	1210	21 L3	Trees SE;house NW.(Ga)
Thomas C. Russell (Alexander City, Ala)	1.5 SW;hwy E	711	31 S5	80 oct.
(A) Troy (Ala) (A)	4.8 NNW;rd E	393	50h	CLOSED.
(A) Tuskegee AAF (Ala)(A)	7.3 NW;RR S	253	50h	CLOSED.
→ Tuskegee Institute #1 (Ala)	4 SSE;hwy W			ABANDONED.
(A) Vidalia-Lyons (Vidalia,Ga	3.2 SE;hwy N	274	50h	TMP INACT. NO FACS.
Wages (Lawrenceville,Ga)	1.8 N;hwy E	1075	12 S2	80 oct. E blckd. (A)
Washington (Ga)	1.4 NW;RR SE	600	22 S1	80 oct.
Weedon (Eufaula,Ala)	4.3 NNE;hwy E	275	28 S2	80 oct.
* Winder Int,4,AG-LG (Ga)	1.5 NE;bet rds	950	30 L3	Trees, bldg N.
Woodbury (Ga)	1.5 E	770	16 S1	Fuel, Data unver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

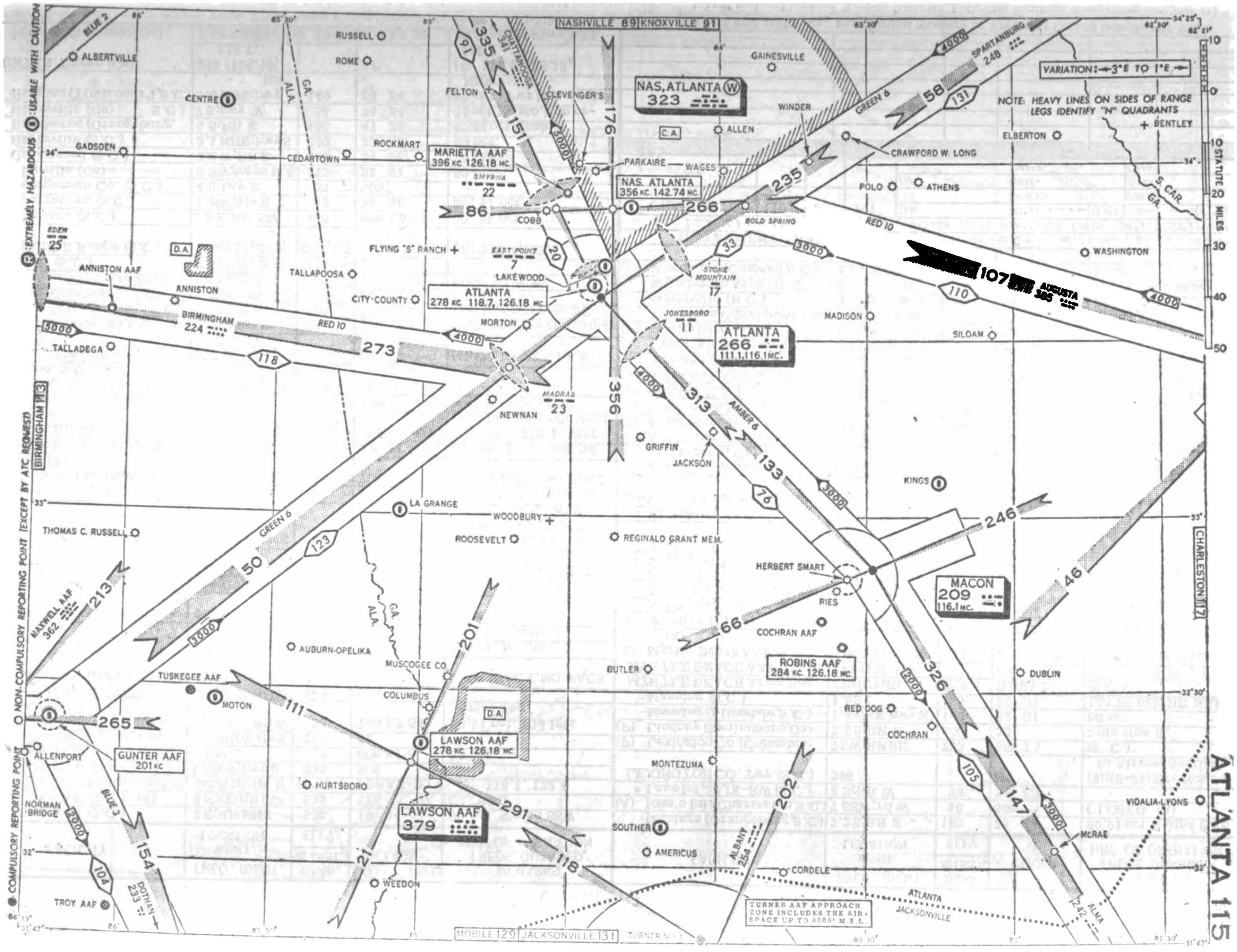
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ATLANTA	109.9	333.8	329°	IM-	MM- ·—·—(0.70)	OM- ——(4.40)
					MMK-201 ·—···	OMK-219 ····

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page V)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop **N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.**


NASHVILLE 89 KNOXVILLE 91
BLUE 2
ALBERTVILLE
RUSSELL
ROME
CENTRE
ALA.
GA.
GADSDEN
CEDARTOWN
ROCKMART
FELTON
CHATTANOOGA 341
CLEVENGER'S
GAINESVILLE
NAS, ATLANTA (W) 323
WINDER
GREEN 6
SPARTANBURG 248
VARIATION: 3°E TO 1°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
BENTLEY
ELBERTON
CRAWFORD W. LONG
ALLEN
C.A.
MARIETTA AAF 396 KC. 126.18 MC.
SMYRNA 22
PARKAIRE
WAGES
NAS. ATLANTA 356 KC. 142.74 MC.
POLO
ATHENS
S. CAR.
GA.
EDEN 25
COBB
FLYING "S" RANCH
EAST POINT 7
BOLD SPRING
RED 10
WASHINGTON
D.A.
ANNISTON AAF
ANNISTON
TALLAPOOSA
LAKEWOOD
CITY-COUNTY
ATLANTA 278 KC. 118.7, 126.18 MC.
STONE MOUNTAIN 17
AUGUSTA 395
MADISON
JONESBORO 11
ATLANTA 266 111.1,116.1 MC.
SILOAM
BIRMINGHAM 224
RED 10
TALLADEGA
MORTON
MADRAS 23
NEWNAN
GRIFFIN
JACKSON
AMBER 6
KINGS
LA GRANGE
WOODBURY
ROOSEVELT
REGINALD GRANT MEM.
THOMAS C. RUSSELL
GREEN 6
HERBERT SMART
RIES
MACON 209 116.1 MC.
MAXWELL AAF 362
COCHRAN AAF
AUBURN-OPELIKA
MUSCOGEE CO.
TUSKEGEE AAF
MOTON
COLUMBUS
ROBINS AAF 284 KC. 126.18 MC.
BUTLER
DUBLIN
RED DOG
COCHRAN
LAWSON AAF 278 KC. 126.18 MC.
GUNTER AAF 201 KC
ALLENPORT
HURTSBORO
MONTEZUMA
NORMAN BRIDGE
BLUE 3
LAWSON AAF 379
SOUTHER
AMERICUS
ALBANY 254
CORDELE
VIDALIA-LYONS
McRAE
TROY AAF
POTHAN 233
WEEDON
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 6000' M.S.L.
ATLANTA
JACKSONVILLE
ALMA
MOBILE 129
JACKSONVILLE 131
TURNER NO. 1
CHARLESTON 117
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
ATLANTA 115

CHARLESTON

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Aiken (old) (S.C.)	2 E;RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken AAF (S.C.) (A)	6 NNE;RR SW	530	51h	CLOSED
AUGUSTA Range (Ga)(Daniel)	385(VD)(116.1)	46°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Barnwell (S.C.)	1 WNW;hwy E	235	50h	
(P) Beaufort (S.C.)	4 NW	38	60h S4	80 oct.
Birdsville (Millen, Ga)	9.4 WNW;riv S	200	22	
(P) [Bluethenthal](Wilmington, N.C.)	2.4 NNE;RR W	30	70h L5 S4	80,91 oct. Fld lgts prior req.
Bush (Augusta, Ga)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville, Ga) (A)	3 NE;hwy SW	46	50h	TMP INACT.NO FACS.
Carlisle (Bamberg,S.C.)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Beach (N.C.)	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
Carolina Skyways (Charleston, S.C.)	6 SSW;riv W	10	26 S4	80 oct.
CHARLESTON Range (S.C.)	329(CS)(116.1)	110°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower (S.C.)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18,118.3,122.5
(A,N) [Charleston Mun.] (S.C.)	9.8 NW;RR NE	45	70h L6 S4	100 oct.Use rnwys only. ARMY TMP INACT. CIVIL FACS NATS
(N) Charleston (S.C.) (N)	4 N;riv E	13	17h	INACTIVE. [(Hospital).
(A) Chatham AAF (Savannah, Ga) (A)	7.5 NW;RR E	50	70h L5	TMP INACT.NO FACS
Clark (Charleston, S.C.)	4 S;riv SW	6	21 S1	80 oct. Trees sur fld.
COLUMBIA Range (S.C.) (Owens)	227(CI)(116.1)	330°,1.9	SBRAZ-DTV	(4); 116.1,122.1 VDT lctd Lexington Co.Arpt
(NG) Congaree (Columbia,S.C.)	15.5 ESE;RR S	237	45h	NAVY INACTIVE.
(A) Coronaco AAF (Greenwood, S.C.) (A)	3.8 N;RR E	629	50h	
DANIEL Tower (Ga)	278 (126.18, 118.9)		C	(4);126.18,122.5,118.9
[Daniel](Augusta,Ga)	2.5 W;RR S	420	42h L5 S4	80,91 oct.Use rnwys only
Donald (St.Matthews,S.C.)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct.Trees SE.
Duke (Chadbourn, S.C.)	1 N;RR SW	96	20 S4	80 oct.
* Elloree Int,25,AG-CS(S.C.)	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill (S.C.)	2.5 SSW;RR E	135	25	
FLORENCE Range (S.C.)	239(FL)(116.1)	292°,1.7	SBMRLZ-DTV	(4); 116.1,122.1
Florence (S.C.)	3.5 E;RR SW	146	60h L5 S1	80, 91 oct.
Georgetown (S.C.)	1 NW;riv E	12	29 S6	80, 91 oct.
(P) Georgetown Co. (S.C.)	4 S;bay E	37	50h	
Glenville (Ga)	2 SW;hwys N,E	175	32 S1	80 oct.
Greenwood (S.C.)	2.6 W;RR E	650	24 S6	73 oct.
Hartsville (S.C.)	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg,	5 S;RR E	195	47 S6	80,91 oct.Tank N
Hinesville (Ga) S.C.)	3 S;hwy W	56	24 S4	73 oct.No sto.Rdo re-
Huggins (Timmonsv'l,S.C.)	1.5 ENE;hwy NW	149	18 S4	80 oct. Pwr line pairs NNW
HUNTER Tower (Ga)	278 (126.18, 118.7)		AC	(4); 122.5,126.18, 118.7
[Hunter](Savannah,Ga)	3.5 SW;RRyd NW	40	50h L5 S6	80,91 oct.144'twr,lgtd.
Jennings (Orangeburg,S.C.)	2.3 S;RR E	190	25 S2	80,91 oct.P-line ENE
(A) John's Isl.(Charleston,S.C.)	7 SSW;rd W	16	50h	CLOSED. (A)
* Lane Int,24,JX-RW (S.C.)	3 S;RR W	72	34 L3	
LEXINGTON CO. Twr.(S.C.)	396		C	(4);(8-24)(See Notice to Airmen Section)
(P) Lexington Co.(Columbia)	7 SW;RR SE	233	56h L5	(S. C.)
(P) Lindsey (Swainsboro,Ga)	2.3 S;RR W	300	30	Pole line E.
Manning (Allendale,S.C.)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning (S.C.)	1.5 SE	125	20 S1	Ltd 80 oct. RR NNE
MYRTLE BEACH Army Rng	379 (DMB)	69°,4.4	BMRLZ	(S.C.)
MYRTLE BEACH AAF Tower	272 (126.18)		CA	(3); 126.18 (S.C.)
(A) Myrtle Beach AAF (S.C.) (A)	3 WSW;hwy SE	24	50h L5 S6	73,91,100 oct.No sto.
(A) North (S.C.) (A)	1.5 SE;hwy N	320	50h	TMP INACT.NO FACS
North Augusta (S.C.)	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive(Wampee,S.C.)	3.5 SE;hwy SE	33	60h	
[Owens] (Columbia,S.C.)	2.5 SE;RR SW	192	36h L4 S6	80 oct.Tank WSW;twr
(N) Parris Isl.MCAS (S.C.)(N)	1.5 S	11	60h	INACTIVE. SSE
Peiffer (Wilmington,N.C.)	6 ESE;ocean E	10	18 S1	80 oct.P-line NNE; trees N,S,SW.
Ridgeland (S.C.)	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SAVANNAH Rng (Ga)(Hunter)	263(SH)(116.1)	51°,2.2	SBMRLZ-DTV	(3); 116.1, 122.1
Savannah-Wilmington (Savannah, Ga)	8 ESE;hwy N	10	28 S6	73 oct. Trees NE,SW
SHAW Tower (S.C.)	272 (126.18)		CA	(3); 126.18 (7-24)
(A) Shaw (Sumter, S.C.)(A)	7 WNW;RR W	236	45h L5 S6	73,91,100 oct.JP-1.
(A) Statesboro AAF (Ga)(A)	3.8 NE;hwy W	180	54h	CLOSED.
(P) Sumter (S.C.)	1.5 NW;RR S	169	30 S6	80,91 oct.Data unver.
(A) Sylvania AAF (Ga)(A)	7.5 SSE;hwy E	175	50h	CLOSED.
Trenton (S.C.)	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston,S.C.)	5.5 W;RRs N	12	29 S6	80 oct.Poles sur fld.
(P) Walterboro (S.C.)	1.3 NE;hwy SE	93	58h	
W.Savannah(Savannah,Ga)	3 W;RR W,N	42	23 S6	80 oct.P-line NW.
Whiteville (N.C.)	3.7 S;RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpk. (N.C.)	3 SE;hwy N	20	27 S4	80 oct.N & E blocked.
(P) Woodward (Camden,S.C.)	2.9 NE;hwy E	300	30h S4	80 oct.

INSTRUMENT LANDING SYSTEMS (*Localizer and G.P. in mcs, Compass Locators in kcs*)

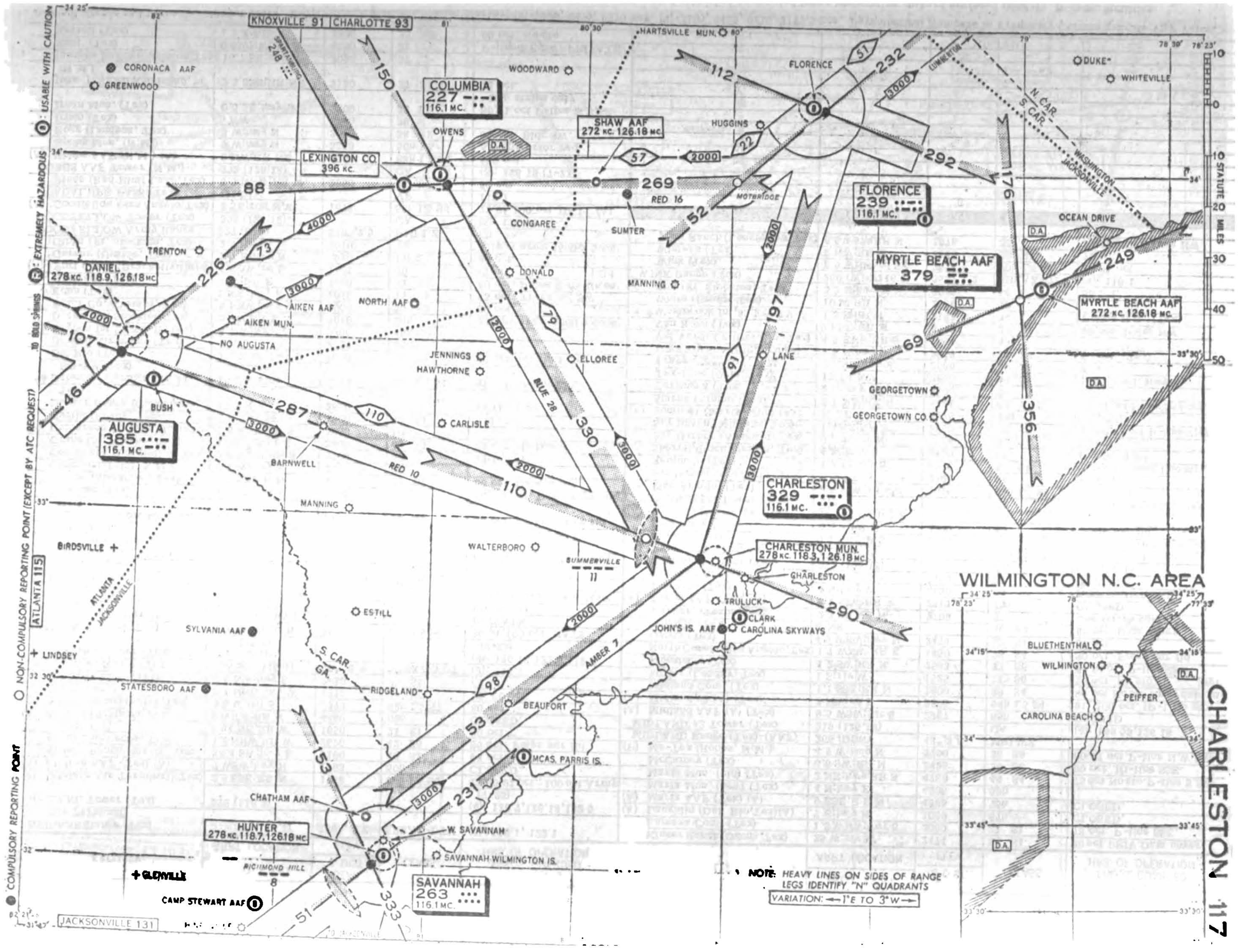
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON	110.3	335	147°	IM-	MM- ·–·–(0.64)	OM- ––(4.18)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs., Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


KNOXVILLE 91 | CHARLOTTE 93
CORONACA AAF
GREENWOOD
WOODWARD
HARTSVILLE MUN.
FLORENCE
DUKE
WHITEVILLE
COLUMBIA
227
116.1 MC.
SHAW AAF
272 KC. 126.18 MC.
HUGGINS
OWENS
LEXINGTON CO.
396 KC.
CONGAREE
SUMTER
RED 16
MOTEBRIDGE
FLORENCE
239
116.1 MC.
OCEAN DRIVE
TRENTON
DANIEL
278 KC. 118.9, 126.18 MC.
DONALD
MANNING
MYRTLE BEACH AAF
379
MYRTLE BEACH AAF
272 KC. 126.18 MC.
AIKEN AAF
NORTH AAF
AIKEN MUN.
NO AUGUSTA
JENNINGS
HAWTHORNE
ELLOREE
LANE
GEORGETOWN
GEORGETOWN CO.
BUSH
AUGUSTA
385
116.1 MC.
CARLISLE
BLUE 28
BARNWELL
RED 10
MANNING
CHARLESTON
329
116.1 MC.
WALTERBORO
SUMMERVILLE
CHARLESTON MUN.
278 KC. 118.3, 126.18 MC.
CHARLESTON
TRULUCK
CLARK
CAROLINA SKYWAYS
JOHN'S IS. AAF
BIRDSVILLE
ESTILL
SYLVANIA AAF
LINDSEY
STATESBORO AAF
RIDGELAND
BEAUFORT
AMBER 7
MCAS. PARRIS IS.
CHATHAM AAF
HUNTER
278 KC. 118.7, 126.18 MC.
W. SAVANNAH
SAVANNAH WILMINGTON IS.
RICHMOND HILL
GLENNVILLE
CAMP STEWART AAF
SAVANNAH
263
116.1 MC.
JACKSONVILLE 131
ATLANTA 115
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
10 BOLD SPOKES
STATUTE MILES
N CAR.
S CAR.
WASHINGTON
JACKSONVILLE
S. CAR.
GA.
ATLANTA
JACKSONVILLE
CHARLESTON 117
WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
PEIFFER
CAROLINA BEACH
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 1°E TO 3°W

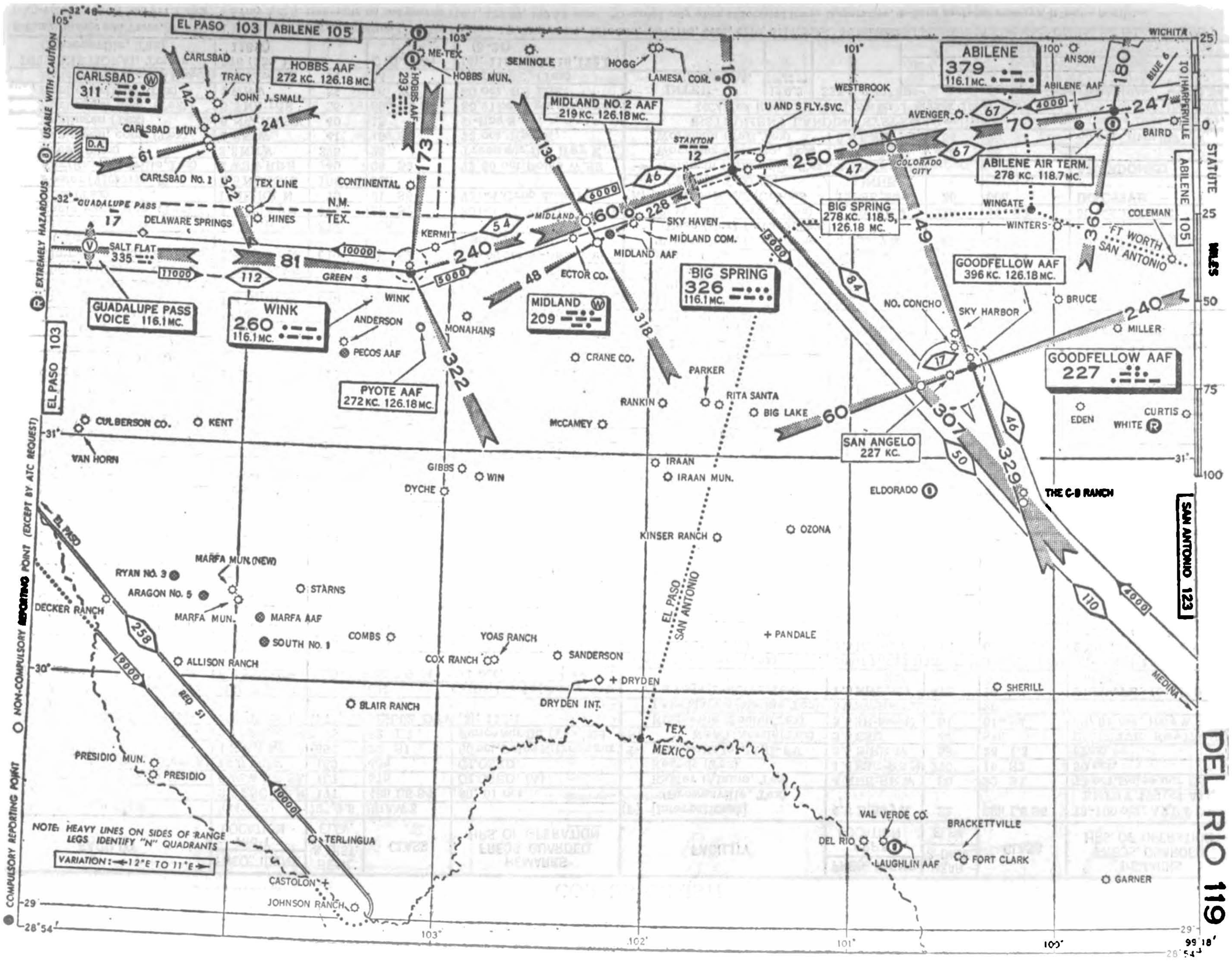
FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ABILENE Range (Tex) (Air Terminal)	379(AP)(116.1)	180°, 2.2	SBRAZ-DTV	(3); 116.1, 122.1
ABILENE Tower (Tex)	278 (118.7)		C	(4); 118.7,126.18,122 5 (7-23)
(P) [Abilene Air Terminal](Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.; 100 oct.Army
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1793	50h	CLOSED.
Allison Ranch (Marfa, Tex)	23.4 SW;hwy E	5100	49 S1	73 oct.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct. Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED.
(P) Avenger (Sweetwater,Tex)	3.5 W;RR S	2370	62h L5 S1	80 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;hwy S	2950	37 S1	80 oct.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-VDT	(3); 116.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18,122 5,118.5 (7-23)
(N)(P) [Big Spring] (Tex)	3.3 WSW;RR N	2595	62h L5 S6	80,91,100 oct NATS
Blair Ranch (Marathon, Tex)	23.5 SSW;hwy E	4180	24	PRIVATE
Brackettville (Tex)	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Bruce (Ballinger, Tex)	4.5 SSW;hwy NW	1731	23h S6	80 oct.Usable strip 7460'.
CARLSBAD Range (Mun)(N.M.)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad Mun] (N.M.)	6.1 SSW	3276	65h L5	Hwy E. Rnwy lgts on req.
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Castolon (Tex)	0.8 NNW;riv SW	2300	16	High butte 0.5 mi E
C-B Ranch (Fort McKavett, Tex)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld
Coleman (Tex)	1.7 NE;RR S	1685	16h S6	80, 91 oct. Use rnwys only.
Combs (Marathon, Tex)	0.7 SE;RR N	4100	27 S2	80 oct. Data unver.
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Cox Ranch (Longfellow,Tex)	8.4 WSW;RR S	3700	48	PRIVATE.
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
(P) Culberson Co.(Van Horn,Tex)	3.5 ENE;RR S	3955	60h	
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Decker Ranch (Candelaria, Tex)	11.5 N	3650	29	PRIVATE.
** Delaware Springs Int, 11, EO-FV (Tex)	16.8 E Pine Springs	3955	40 L3 S1	91 oct. P-line SSE.
Del Rio (Tex)	1.5 WSW;hwy E	1000	30 S4	80 oct. No sto.Poles N.
Dryden Airdrome (Tex)	1 W	2159	18	
** Dryden Int,29,EO-JI (Tex)	5.7 W;hwy N	2300	45h L3	
Dyche (Ft. Stockton,Tex)	9 SW;RR E	3010	26h	Allway area: 4000 x 4000'.
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S2	80 oct.
Eden (Tex)	1 NW;hwy E	2050	15 S1	73 oct. Trees NE,SW.
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct. Poles E.Cattle on fld
(A) Fort Clark (Brackettville)(A)	1.5 SW;rd E	1105	30	(Tex)
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
GOODFELLOW Army Range	227 (DIP)	329°,2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)	396 (126.18)+		CA	(3); 126 18
(A) Goodfellow (San Angelo,Tex)	3 SE;rds N,W	1877	55h L5 S6	73,91,100 oct. JP-1. (A)
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126 18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
Hobbs Mun. (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE Use strips only.
John J. Small (Carlsbad, N.M.)	3.5 SSE;RR NE	3150	27 S1	73 oct.
Johnson Ranch (Castolon,Tex)	10.7 SE;riv SW	2092	37	
Kent (Tex)	0.6 WNW;RR S	4260	21	P-line NE,SW. PRIVATE.
Kermit (Tex)	1.3 E;RR W	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona,Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
Lamesa Com. (Tex)	1.8 WNW;hwy S	3000	21 S1	73 oct. P-line SSE.
(A) Laughlin (Del Rio,Tex)(A)	7 E;hwy N	1069	67h	CLOSED.
(A) Marfa AAF (Tex) (A)	9 ESE;R R N	4885	75h	CLOSED.
Marfa Mun. (new) (Tex)	4 N;hwy E	4835	53h	
Marfa Mun. (old) (Tex)	2 NE;hwy,RR S	4780	44 S4	73 oct.No sto.P-line S,SW.
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
(P) Me-Tex (Hobbs, N.M.)	4.5 W;hwy N	3700	35 S6	80,87 oct.P-line N,W,NW.
MIDLAND Range (Tex) (AAF)	209 (DON)	48°,3.8	MRLWZ	
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18
(A) Midland AAF (A) (Tex)	9.5 WSW;RR S	2867	65h	CLOSED.
(A) Midland #2 (A) (Tex)	3 NW;rd E	2805	64h L5 S4	91, 100 oct. JP-1 No sto.
Midland Com. (Tex)	1.1 SSE;RR N	2800	28 S4	80 oct.No sto.Rnwy data unver.
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW.
North Concho(San Angelo,Tex)	1.7 WNW;RR E	1850	28 S4	80 oct. Poles sur fld.
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Pandale (Tex)	8 NE		20 S2	80 oct. Data unver
Parker, (Texon,Tex)	2.3 W; RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Presidio (Tex)	4 N;hwy W	2850	48	NOT MAINTAINED.
Presidio Air Strip (Tex)	0.8 NE;RR S	2580	21	PRIVATE.
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126 18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91,100 oct. No sto.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S.Use strips only.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Obsts sur fld.
(A) Ryan #3 (Marfa,Tex) (A)	19 WNW;RR NE	4750	60h	CLOSED.
SAN ANGELO Tower (Tex)	272		CI	(4); (12 noon-1 hr after sunset).
(P) [San Angelo] (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Sanderson Land Strip (Tex)	2 W;RR N	2900	24	PRIVATE.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Sherrill(Rock Springs, Tex)	4 W;hwy S	2400	21	Cattle on fld.
Sky Harbor (Anahuac, Tex)	0.3 S;hwy N	24	22 S1	80 oct.
Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
(A) South #1 (Marfa, Tex) (A)	15 SE	4825	60h	CLOSED.
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct.Rnwy lgts prior req
Terlingua (Tex)	2 E;hwy SW	2700	36	
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Tracy (Carlsbad, N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
U & S Fly Svc.(Big Springs)	1.5 N;hwy S	2517	30 S6	80 oct. (Tex)
Val Verde Co.(Del Rio, Tex)	4.5 ENE;RR S	1094	49h	
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct. Poles NW.
** Westbrook Int,32,EO-FV	1.3 S;RR N	2188	34 L3	P-line N,S. (Tex)
White (Brady, Tex)	10 W;RR N	1550	73	
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260 (WP)(116.1)	353°,1.2	SBRAZ-DTV	(4); 116.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80,91 oct.
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
Yoas Ranch (Longfellow,Tex)	6.5 WSW;RR N	3675	36	PRIVATE.P-line NW.

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.68, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


EL PASO 103
ABILENE 105
CARLSBAD 311
CARLSBAD
TRACY
JOHN J. SMALL
CARLSBAD MUN
CARLSBAD No. 1
D.A.
HOBBS AAF 272 KC. 126.18 MC.
HOBBS AAF
HOBBS MUN.
ME-TEX
SEMINOLE
HOGG
LAMESA COM.
MIDLAND NO. 2 AAF 219 KC. 126.18 MC.
STANTON
U AND S FLY. SVC.
WESTBROOK
ABILENE 379 116.1 MC.
ANSON
WICHITA
ABILENE AAF
AVENGER
BLUE 6
TO HARPERVILLE
BAIRD
COLORADO CITY
ABILENE AIR TERM. 278 KC. 118.7 MC.
ABILENE 105
BIG SPRING 278 KC. 118.5, 126.18 MC.
WINGATE
WINTERS
COLEMAN
FT WORTH
SAN ANTONIO
GOODFELLOW AAF 396 KC. 126.18 MC.
BRUCE
MILLER
GOODFELLOW AAF 227
EDEN
CURTIS
WHITE
TEX LINE
N.M.
TEX.
CONTINENTAL
GUADALUPE PASS
DELAWARE SPRINGS
HINES
KERMIT
MIDLAND
SKY HAVEN
MIDLAND COM.
MIDLAND AAF
ECTOR CO.
SALT FLAT 335
GUADALUPE PASS VOICE 116.1 MC.
WINK 260 116.1 MC.
WINK
ANDERSON
PECOS AAF
MONAHANS
MIDLAND 209
BIG SPRING 326 116.1 MC.
NO. CONCHO
SKY HARBOR
PYOTE AAF 272 KC. 126.18 MC.
CRANE CO.
PARKER
RANKIN
RITA SANTA
BIG LAKE
McCAMEY
SAN ANGELO 227 KC.
CULBERSON CO.
KENT
VAN HORN
GIBBS
WIN
DYCHE
IRAAN
IRAAN MUN.
ELDORADO
THE C-8 RANCH
KINSER RANCH
OZONA
MARFA MUN. (NEW)
RYAN No. 3
ARAGON No. 5
STARNS
DECKER RANCH
MARFA MUN.
MARFA AAF
SOUTH No. 1
COMBS
YOAS RANCH
COX RANCH
SANDERSON
+ PANDALE
ALLISON RANCH
+ DRYDEN
DRYDEN INT.
SHERILL
BLAIR RANCH
TEX.
MEXICO
PRESIDIO MUN.
PRESIDIO
TERLINGUA
CASTOLON
JOHNSON RANCH
VAL VERDE CO.
DEL RIO
LAUGHLIN AAF
BRACKETTVILLE
FORT CLARK
GARNER
SAN ANTONIO 123
DEL RIO 119
EL PASO
SAN ANTONIO
MEDINA
ABILENE 105
EL PASO 103
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 11°E
STATUTE MILES
32°48'
32°
31°
30°
29°
28°54'
105°
103°
102°
101°
100°
99°18'

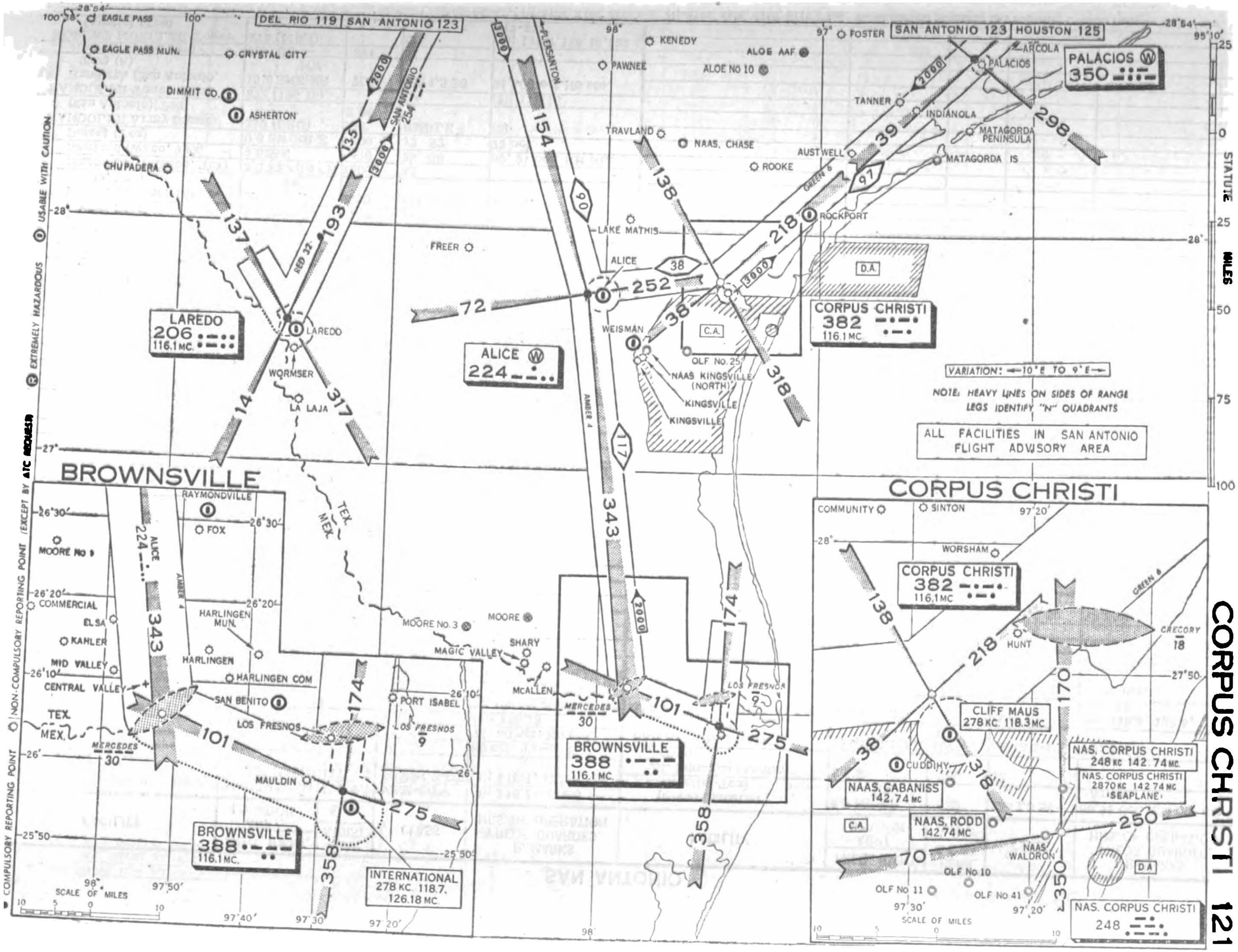
CORPUS CHRISTI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALICE Range (Tex)	224 (EZ)	72°,3.6	SRAWZ	
(P) Alice (Tex)	3.3 ESE;RR N	177	48h L5 S6	80, 91 oct.
(A) Aloe AAF (Victoria,Tex)	6 WSW;RR SE	107	57h	CLOSED. (A)
(A) Aloe #10 (Victoria,Tex)(A)	19.8 WSW	150	40h	CLOSED.
Asherton (Tex)	1 S;RR NE	552	22 S1	80 oct.Poles N;trees sur
✱ Austwell Int,5A,CR-HU	2.1 SSW;bay NE	23	32 L2	Fence sur fld.(Tex) fld.
BROWNSVILLE Range (International) (Tex)	388(JI)(116.1)	157°,2.3	SBRAZ-DTV	(3); 116.1
CABANISS NAAS Tower (Tex)	(142.74)		CN	3105;142.74(during flgt
(N) Cabaniss NAAS (Corpus Christi, Tex) (N)	6.2 SSW;RR NE	30	50h L5 S4	91 oct. opers).
Central Valley (Mercedes)	1.5 NE;hwy S	62	31h S6	80,91 oct.Data unver.
(N) Chase NAAS (Beeville, Tex) (N)	5.6 ESE;rd N	186	46h	INACTIVE. (Tex)
Chupadera Ranch Emerg. Strip (Laredo, Tex)	60 NW	630	33 L1	
CLIFF MAUS Tower (Tex)	278 (118.3)		C	(4);118.3,126.18,122.5 (7-23)
[Cliff Maus](Corpus Christi, Tex)	2.5 SW;RR N	42	45h L5 S6	80,91 oct.No sto.Repairs for airlines only
Commercial (Edinburg)	1 W;RR SE	90	20 S1	73 oct.P-line NW,NNW.
Community (Sinton,Tex)	2 W;RR SE	143	30	(Tex)
CORPUS CHRISTI Range (Cliff Maus) (Tex)	382(CR)(116.1)	138°,2.9	SBMRLZ-DTV	(3); 116.1
CORPUS CHRISTI Navy Range	248 (NGP)	350°,3.3	MLZ	(3); 142.74
CORPUS CHRISTI NAS Tower	248 (142.74)		CN (GCA)	(3); 142.74
(N) Corpus Christi NAS (Tex)	9.5 SE	19	58h L5 S6	91,100 oct. NATS.(N)
CORPUS CHRISTI NAS Seaplane Tower (Tex)	2870(142.74)		CN	3105;6210; 142.74
(N) Corpus Christi OLF #10 (Tex) (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLF #11 (Tex)(N)	16 SSW	29	15h	13 SSW Aberdeen
(N) " OLF #25 (Tex)(N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLF #41 (Tex)(N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City (Tex)	1.8 N;RR W	600	32 S1	80,91 oct.P-line NE,NW
CUDDIHY NAAS Tower (Tex)				DECOMMISSIONED.
Cuddihy (Corpus Christi)	7.8 SW;crk S	39	50h S6	80, 91 oct. (Tex)
Dimmit Co.(Carrizo Spgs, (Tex)	2.8 E;hwy N	640	25 S1	Ltd 80 oct.P-line ends strips.
Eagle Pass (Tex)	10 N;RR N	878	59h	
Eagle Pass Mun. (Tex)	1.3 E;hwy N	774	29 S2	80 oct.ARPT OF ENTRY
Elsa (Tex)	1 SSE;RR N	70	21 S6	73 oct.Crop dusters.
Foster (Victoria, Tex)	6.5 NE;RR S	104	52h	
Fox (Raymondville,Tex)	1 WSW;RR S	40	26 S2	73,80 oct.Poles W,SE.
Freer (Tex)	3.8 NNW	375	28	Trees sur fld. Hwy E.
Harlingen, com. (Tex)	1.8 SSW	41	18 S1	73 oct. Hwy E.
Harlingen (Tex)	5 NW;RR SW	40	13	P-line S.
Harlingen, mun. (Tex)	3.5 NE;rd S	35	60h L5 S4	80,91 oct.Lgts prior req
Hunt (Portland, Tex)	2 WNW	35	16 S5	80 oct. RR ESE.
Indianola (Magnolia Beach)	2 SW;hwy N	17	34	PRIVATE. (Tex)
INTERNATIONAL Tower (Brownsville, Tex)	278 (126.18. 118.7)		C (ILS-W)	(4); 118.7,126.18,122.5 (8-24)
(P) [International] (Brownsville, Tex)	4.5 E;hwy N	22	59h L6 S6	73-100 oct. ARPT OF ENTRY.100 oct.Army
Kahler (Alamo, Tex)	4 NNE;RR W	90	20 S1	73 oct.Poles sur fld.
Kenedy (Tex)	1.4 ESE;RR N	270	19 S2	80 oct.
✱ Kingsville Int,11,JI-FV	3.5 S;RR W	58	26 L3	(Tex)
(N) " NAAS (North) (Tex)	3.5 ESE	47	61h	INACTIVE. Hwy NW.(N)
Kingsville (South) (Tex)	3.5 SE;hwy N	51	61h S4	80, 91 oct. Hwy W.
Lake Mathis (Mathis,Tex)	5 WSW;RR SE	161	20	
La Laja (Dolores,Tex)	1.5 NNE;riv SW	475	18	PRIVATE. 15-20' brush W, S.
LAREDO Range (Tex)	206(LL)(116.1)	137°,3.1	SBRAZ-DTV	(4); 116.1,122.1
[Laredo] (Tex)	3.5 NE;hwy NNE	512	66h L5 S5	80,91 oct.Lgts on req. ARPT OF ENTRY.
Los Fresnos (Tex)	0.8 SSE;RR W	35	24 S1	73,80 oct.P-line W.
McAllen (Tex)	1.6 SSW;hwy N	115	29 S6	73,80 oct. Poles E,NE
Magic Valley (Mission)	1.5 SSW;lk W	135	21 S6	73 oct.No sto.Poles E.
(A) Matagorda Island (Tex)(A)		7	40h	TMP INACT.NO FACS. 9 SSW Port O'Conner.
Matagorda-Peninsula (Matagorda, Tex)	6.5 E Port O'Conner	5	40h	
Mauldin (Brownsville,Tex)	4.4 NNW;RR W	22	35 S6	80,91 oct.Poles W.
Mid-Valley (Weslaco,Tex)	1.7 NE;RR W	70	25 S1	80 oct.P-line NW,SW.
(A) Moore (Mission, Tex)(A)	12 N;RR E	219	50h	CLOSED.
" #1 (Mission,Tex)	10 N Edinb'g	80	40h	
(A) " #3 (Mission,Tex)(A)	5 N LaGrulla	300	30h	CLOSED.
PALACIOS Range (Tex)	350 (UX)	118°,1.6	MLWZ	
Palacios (Tex)	2.7 WNW	13	50h S1	80 oct.
✱ Pawnee Int,22,JI-FV (Tex)	5 WNW;RR W	368	30 L3	
(P) Port Isabel (Tex)	10 NW	12	48h	
✱ Raymondville Int,5,JI-FV	3.5 NNE	34	29 L3	RR W. (Tex)
(P) Rockport (Tex)	4.3 N;bay W	22	45h	
RODD NAAS Tower (Tex)	(142.74)		CN	3105;142.74(during flgt
(N) Rodd NAAS (Corpus Christi, Tex) (N)	9.8 S;RR NE	20	51h L5 S4	91 oct.No sto. opers.)
Rooke (Refugio, Tex)	3.2 WSW;RR E	46	30 S1	73 oct.Cattle on fld.Twr
San Benito,2,JI-FV (Tex)	1.5 E;RR SW	31	26 L3 S6	73,80 oct. NW.
Shary (Mission, Tex)	1 NW;RR E	145	30 S4	73,80 oct.
Sinton (Tex)	1.3 E;RR NW	27	48 S6	80,91 oct.No sto.
Tanner Sea & Land Plane Base (Port Lavaca,Tex)	3 S;hwy S	12	22 S1	80 oct.Pwr line sur fld
Travland (Beeville,Tex)	2 NW;RR E	225	19 S2	80 oct.Poles E.
(N) Waldron NAAS (Corpus Christi, Tex) (N)	12 SSE;hwy NNE	25	50h	INACTIVE.
→ Weisman (Kingsville,Tex)	2.5 NNE;RR S			ABANDONED
Wormser (Lardeo, Tex)	4 SE;hwy W	440	26	
Worsham (Taft,Tex)	0.8 ENE	54	25 S6	80 oct. Hwy SW.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INTER-NATIONAL	110.3 •−−•	335	170°	IM-	MM-•−•−(0.66)	OM- −−(4.34)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


DEL RIO 119
SAN ANTONIO 123
HOUSTON 125
EAGLE PASS
EAGLE PASS MUN.
CRYSTAL CITY
DIMMIT CO.
ASHERTON
CHUPADERA
KENEDY
ALOE AAF
PAWNEE
ALOE NO 10
FOSTER
ARCOLA
PALACIOS
TANNER
INDIANOLA
MATAGORDA PENINSULA
MATAGORDA IS
AUSTWELL
TRAVLAND
NAAS, CHASE
ROOKE
ROCKPORT
LAKE MATHIS
FREER
ALICE
LAREDO
WORMSER
LA LAJA
WEISMAN
OLF No. 25
NAAS KINGSVILLE (NORTH)
KINGSVILLE
D.A.
C.A.
PLEASANTON
SAN ANTONIO
RED 32
GREEN 6
AMBER 4
TEX. MEX.
LAREDO 206 116.1 MC.
ALICE 224
CORPUS CHRISTI 382 116.1 MC
PALACIOS 350
VARIATION: 10°E TO 9°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
ALL FACILITIES IN SAN ANTONIO FLIGHT ADVISORY AREA
BROWNSVILLE
RAYMONDVILLE
FOX
MOORE No 9
COMMERCIAL
ELSA
KAHLER
MID VALLEY
CENTRAL VALLEY
HARLINGEN MUN.
HARLINGEN
HARLINGEN COM
SAN BENITO
LOS FRESNOS
PORT ISABEL
MAULDIN
MOORE NO. 3
MOORE
MAGIC VALLEY
SHARY
McALLEN
MERCEDES
BROWNSVILLE 388 116.1 MC.
INTERNATIONAL 278 KC. 118.7, 126.18 MC.
BROWNSVILLE 388 116.1 MC.
ALICE 224
SCALE OF MILES
CORPUS CHRISTI
COMMUNITY
SINTON
WORSHAM
CORPUS CHRISTI 382 116.1 MC
HUNT
GREGORY
CLIFF MAUS 278 KC. 118.3 MC
CUDDIHY
NAAS, CABANISS 142.74 MC
NAAS, RODD 142.74 MC
NAAS WALDRON
NAS, CORPUS CHRISTI 248 KC 142.74 MC.
NAS. CORPUS CHRISTI 2870 KC 142.74 MC (SEAPLANE)
NAS. CORPUS CHRISTI 248
OLF No 10
OLF No 11
OLF No 41
SCALE OF MILES
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC
COMPULSORY REPORTING POINT
STATUTE MILES
CORPUS CHRISTI 121

SAN ANTONIO

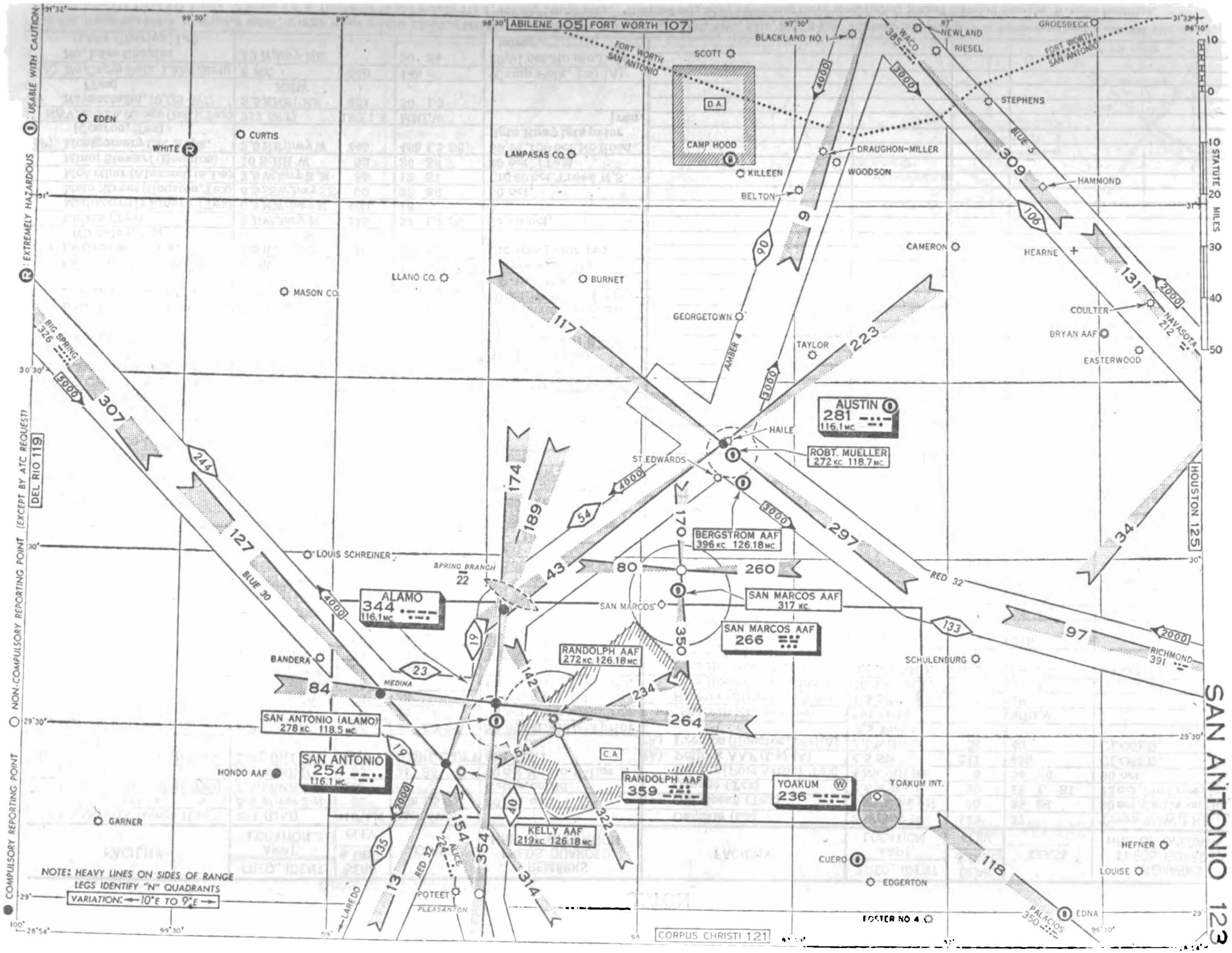
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	MLZ-DTV	(3); 116.1 (Tex)
AUSTIN Range (Robert Mueller) (Tex)	281(XN)(116.1)	117°,1.8	SBMRLZ-DTV	(3); 116.1, 122.1
Bandera (Tex)	3 SE;hwy NNE	1125	27 S6	80 oct. Trees E.
Belton (Tex)	1.6 WSW;hwy N	511	21 S1	73, 80 oct. No sto.
BERGSTROM Tower (Tex)	396 (126.18)+		CA	(4); 126.18
(A) Bergstrom (Austin,Tex)(A)	7 SE	494	70h L5 S6	73,100 oct.No sto.Poles NE,NW.
Blackland #1 (Waco, Tex)	11 WSW;RR S	575	55h	
(A) Bryan AAF (Tex) (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Burnet (Tex)	2 NE;RR W	1325	21 S1	80 oct.P-line SW.
Cameron Arpk (Tex)	1.7 N;RR W	402	29	Bldg NNE. Hwy W.
(A) Camp Hood Landing Field (Killeen, Tex) (A)	2 NE	920	36	CLOSED.
Coulter (Bryan, Tex)	4 NE;hwy NW	360	22 S6	80 oct. 5' fence SW.
Cuero (Tex)	3.1 N;RR SE	195	53	
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel
(P) Draughon-Miller (Temple, Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct. No flood lgts.Ctc lgts on req.
(P) Easterwood (College Station, Tex)	2.8 SW	320	52h S6	80 oct.
Eden (Tex)	1 NW;hwy E	2050	15 S1	73 oct.Trees NE,SW.
Edgerton (Cuero, Tex)	2.9 E;hwy SW	185	1956	80 oct.
Edna (Tex)	1.5 ENE;RR NW	60	25 S1	73 oct.Cattle on fld.
Foster #4 (Victoria,Tex)	12.5 NNW	186	56h	
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Georgetown (Tex)	3.3 N;hwy E	789	41h L5 S4	80, 91 oct.
Groesbeck (Tex)	1.5 E;RR W	477	21 S1	73 oct.
Haile (Austin, Tex)	4.1 NE;RR E	725	23 S6	80,91 oct.Poles ESE.
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	(Tex)
Hearne (Tex)	Adj E;RR E,NE	350	21 S1	80 oct. Data unver.
Hefner (El Campo, Tex)	1.5 WSW;RR SE	104	21 L S2	80 oct. Port rnwy lgts. P-line S,SE.
(A) Hondo AAF (Tex) (A)	2.1 NW;RR S	929	61h	CLOSED.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio, Tex) (A)	6.8 SW;RR NE	676	75h L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR.STI
Killeen (Tex)	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
Lampasas Co.(Lampasas)	6 NW;RR S	1480	42 S2	80 oct. (Tex)
Llano Co. (Llano, Tex)	2.4 NNE	1029	40 S1	73 oct. Riv NE.
Louise (Tex)	1.6 E;RR W	120	24 S1	Ltd 80 oct.P-line N,S.
(P) Louis Schreiner (Kerrville, Tex)	3.9 SE;RR SW	1590	44h L5 S6	80 oct.
Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
Newland (Waco, Tex)	4.5 SSE	410	25 S6	80, 91 oct. RR NE.
Poteet (Tex)	0.6 SW;RR E	300	13 S2	73 oct.
RANDOLPH Army Range (San Antonio)(Tex)	359 (DRQ)	322°, 2.04	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio, Tex) (A)	15.8 ENE;RR NW	752	70h L5 S6	91,100 oct.No sto.
Riesel (Waco, Tex)	10.5 SE	371	51	
ROBERT MUELLER Tower (Austin) (Tex)	272 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
[Robert Mueller] (Austin, Tex)	3.5 NE;RR SW	620	46h L5 S6	80,91 oct. 100 oct for Army.
St. Edwards (Austin, Tex)	3.5 S	700	22	
SAN ANTONIO RANGE (Kelly) (Tex)	254(ZN)(116.1)	107°, 1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO Tower (Tex)	278 (118.5)		C (ILS)	(4); 118.5, 122.5, 126.18
[San Antonio Mun.-Alamo] (Tex)	7.8 N;RR SE	783	55h L6 S2	73,80 oct.
SAN MARCOS Army Range	266 (DMS)	170°,4.2	MRLZ	V(6-18 Mon-Fri)
SAN MARCOS AAF Tower	317		CA	(3); 266 (days only)
(A) San Marcos AAF (Tex)(A)	5 E;riv W	596	65h L5	
* San Marcos Int, 31B, JI-FV-(Tex)	2 SE;hwy N	577	29 L3 S6	73,80 oct. P-line NE.
Schulenburg (Tex)	2.2 N;hwy W	344	20 S4	73 oct. P-line W.
Scott (Gatesville, Tex)	1.8 E;hwy N	780	25 S1	80 oct.P-line NW.
Stephens (Marlin, Tex)	2 ESE;RR N, SSW	318	19 S2	80 oct.Cattle on fld. Pole W.
Taylor (Tex)	2.2 WNW;RR S	520	24 S4	73 oct.
White (Brady, Tex)	10 W;RR N	1550	73	
Woodson (Temple, Tex)	2 NNW;hwy SW	763	28h L3 S4	80 oct.
YOAKUM H Fac (Int.)(Tex)	236 (YK)	352°, 2.8	HW	
* Yoakum Int,7,JR-HU(Tex)	5 NW;hwy S	387	39 L3	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALAMO	109.9	333.8	30°	IM-	MM- (0.68)	OM- (4.38)
					MMK-	OMK-230
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ABILENE 105
FORT WORTH 107
DEL RIO 119
CORPUS CHRISTI 121
HOUSTON 125
SAN ANTONIO 123
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 10°E TO 9°E
STATUTE MILES
EDEN
WHITE
CURTIS
LAMPASAS CO.
SCOTT
BLACKLAND NO. 1
NEWLAND
RIESEL
GROESBECK
FORT WORTH SAN ANTONIO
CAMP HOOD
D A
KILLEEN
BELTON
DRAUGHON-MILLER
WOODSON
STEPHENS
HAMMOND
CAMERON
HEARNE
COULTER
BRYAN AAF
EASTERWOOD
NAVASOTA
MASON CO.
LLANO CO.
BURNET
GEORGETOWN
TAYLOR
AUSTIN
281
116.1 MC
HAILE
ROBT. MUELLER
272 KC 118.7 MC
ST. EDWARDS
BERGSTROM AAF
396 KC 126.18 MC
SAN MARCOS AAF
317 KC
SAN MARCOS AAF
266
SAN MARCOS
LOUIS SCHREINER
SPRING BRANCH
ALAMO
344
116.1 MC
BIG SPRING
326
DEL RIO
BANDERA
MEDINA
RANDOLPH AAF
272 KC 126.18 MC
SCHULENBURG
RICHMOND
391
SAN ANTONIO (ALAMO)
278 KC 118.5 MC
SAN ANTONIO
254
116.1 MC
HONDO AAF
RANDOLPH AAF
359
YOAKUM
236
YOAKUM INT.
GARNER
KELLY AAF
219 KC 126.18 MC
CUERO
EDGERTON
HEFNER
LOUISE
POTEET
PLEASANTON
LAREDO
ALICE
FOSTER NO 4
EDNA
PALACIOS
350
3000
4000
2000
307
244
127
BLUE 30
117
174
189
54
43
80
260
170
350
297
RED 32
309
BLUE 5
106
131
90
9
223
34
133
97
142
234
264
322
354
314
118
13
154
224
135
40
19
23
22
84

HOUSTON

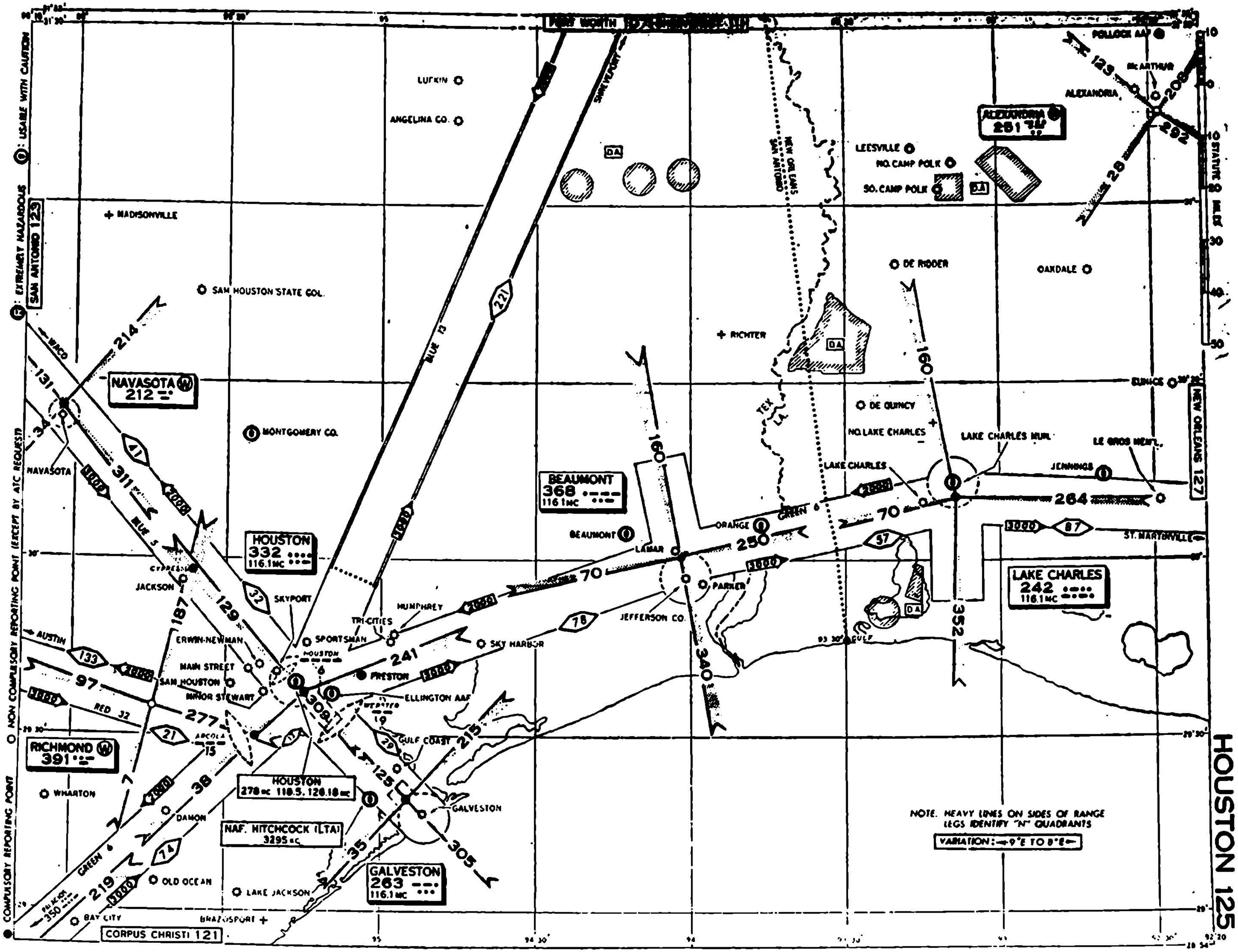
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALEXANDRIA Range (La)	251 (DAI)	310°,5.7	SMRAWZ	
[Alexandria] (La)	5.5 W;riv 2 N	88	70h L5 S1	80, 91 oct.
Angelina Co. (Lufkin, Tex)	7.5 SSW;RR W	288	42	Cattle on fld.
Bay City (Tex)	2 SSW;RR N	50	21 S6	80 oct. No sto. P-line E
BEAUMONT Range (Jefferson Co) (Tex)	268(JU)(116.1)	368°,3.7	BMRLZ-DTV	(4); 116.1
Beaumont (Tex)	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior
Brazosport (Velasco, Tex)	1 N;hwy SW	6	24 S1	80 oct. Data unver. req.
Damon (Tex)	3 ESE;hwy WSW	60	22	4' fence sur fld.
De Quincy (La)	1.5 SW;RR NW	78	24	Cattle on fld. Trees N,E.
(P) De Ridder (La)	3.5 WSW;RR S	203	45h	
(A) Ellington (Houston, Tex) (A)	15 SE;RR W	39	52h L5 S1	100 oct.
(A) Erwin-Newman (Houston, Tex)	5 SSW;hwy N	50	28 S6	80 oct.
Eunice (La)	1.7 W;hwy N	45	35 S2	80 oct.
GALVESTON Range (Tex)	263(GS)(116.1)	125°,4.2	SBMRLZ-DTV	(4); 116.1
[Galveston] (Tex)	3.5 WSW;gulf S	7	60h S6	80, 91 oct.
Gulf Coast (Texas City, Tex)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct. No sto. P-line
(N) Hitchcock NAF (LTA) (N)	2.3 SW;RR ENE	20	20h	(Tex) N.
HOUSTON Range (Tex)	322(HU)(116.1)	309°,2.2	SBRAZ-DTV	(3); 116.1
HOUSTON Tower (Tex)	(278)(126.18,118.5)		AC (ILS)	(4);118.5,126.18,122.5
(N) [Houston] (Tex)	9 SSE;hwy W	50	47h L6 S6	73,80,91 oct. 100 oct. for Army. NATS.
Humphrey (Goose Creek)	4 NNE;RR E	34	24	P-line NW,W. (Tex)
Jackson (Cypress, Tex)	4 SE;hwy S	145	25 S6	80 oct.
(P) Jefferson Co. (Beaumont, Tex)	9.8 SSE;hwy NE	15	51h L5	
Jennings (La)	1.4 NNW;RR SW	20	32 S2	80,91 oct. P-line E.
LAKE CHARLES MUN Range	242(LC)(116.1)	340°,2.5	SBRAZ-DTV	(4); 116.1
➤LAKE CHARLES Tower (La)				DECOMMISSIONED
(A) [Lake Charles Mun.] (La)	4 ESE;RR NE	17	63h L5 S6	80,91 oct.;73,100 oct, JP-1 for Army.
Lake Charles (La)	5.2 SSW;hwy N	17	26 S6	80 oct. P-line N. Rnwy data unver.
Lake Jackson (Freeport)	9.5 NW;hwy E	20	26	Cat'l on fld. Trees SW.
Lamar (Beaumont, Tex)	4 SE;riv NE	17	22 S4	80 oct. No sto. (Tex) · P-line N,S.
(A) Leesville Land Strip (La)	2 NW		10	L-type acft. (A)
(P) Le Gros Memorial (Crowley, La)	6.5 WSW;RR N	16	43h L5	Ctc lgts prior req.
Lufkin (Tex)	2 NW;hwy N	315	31 L1 S6	73,80 oct.
Madisonville Emerg. (Tex)	0.8 NW;hwy E	400	18	
Main Street (Houston, Tex)	6.5 SSW;hwy SE	50	22 S6	80 oct.
McArthur (Alexandria, La)	2.8 W;hwy E,N	86	12 S1	Ltd 80 oct. Trees N,S.
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct. (Tex)
(P) Montgomery Co. Arpk. (Conroe, Tex)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct. No flood lgts. Rnwy lgts prior req.
NAVASOTA Range (Int.) (Tex)	212 (NT)	180°,1.4	MRLW	
* Navasota Int,10,GS-WC (Tex)	2.5 ENE; RR NNW	331	30 L3	
(A) No. Camp Polk Land Strip	6 NE	340	14h	(Camp Polk, La) (A)
No. Lake Charles (Lake Charles, La)	10 N;hwy NE		50 S4	80,91 oct. No sto. Data unver.
Oakdale (La)	3 W;hwy N	123	27	Trees WSW,ENE.
Old Ocean (Tex)	1 ENE;hwy N	60	35 S1	80 oct. Cattle on fld.
Orange (Tex)	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur, Tex)	4 NW;RR NE	6	34 S6	80 oct.
(A) Pollock AAF (La) (A)	4.5 SW	211	45h	CLOSED.
(A) Preston (Houston, Tex) (A)	2.5 WNW of La Porte	34	40	CLOSED.
RICHMOND Range (Tex)	391 (UT)		MRLW.	
Richter (Kirbyville, Tex)	1.5 S;RR E	175	16	
Sam Houston (Houston, Tex)	10.5 SW;RR S	60	30 S6	73, 80 oct.
Sam Houston State College (Huntsville, Tex)	2.5 NW;RR E	401	24 S2	80 oct.
(A) So. Camp Polk Landing Strip (Camp Polk, La) (A)	Adj E	300	21h	
Sky Harbor (Anahuac, Tex)	0.3 S;hwy N	24	22 S1	80 oct.
Skyport (Houston, Tex)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston, Tex)	6 ENE;RR N	60	30 S4	80 oct.
Tri-Cities (Goose Creek, Tex)	2.6 N;RR E	25	24 S2	80 oct. P-line SE.
(P) Wharton (Tex)	1.8 ENE;RR N	100	45 S2	80 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
HOUSTON	109.9 ••••—		35°	IM-	MM-•—•—(0.66)	OM- ——(4.78)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) ➤ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


HOUSTON 125
NOTE. HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 9°E TO 8°E
NON COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NAVASOTA 212
HOUSTON 332 116.1MC
BEAUMONT 368 116.1MC
ALEXANDRIA 251
LAKE CHARLES 242 116.1MC
RICHMOND 391
HOUSTON 278MC 118.5, 126.1MC
NAF. HITCHCOCK (LTA) 3295MC
GALVESTON 263 116.1MC
CORPUS CHRISTI 121
LUFKIN
ANGELINA CO.
MADISONVILLE
SAM HOUSTON STATE COL.
MONTGOMERY CO.
LEESVILLE
NO. CAMP POLK
SO. CAMP POLK
DE RIDDER
OAKDALE
RICHTER
DE QUINCY
NO LAKE CHARLES
LAKE CHARLES MUN.
JENNINGS
EUNICE
POLLOCK AAF
ALEXANDRIA
ST. MARYSVILLE
JEFFERSON CO.
ORANGE
LAMAR
PARKER
BEAUMONT
TRI-CITIES
HUMPHREY
SPORTSMAN
SKY HARBOR
ELLINGTON AAF
GULF COAST
GALVESTON
JACKSON
ERWIN-NEWMAN
MAIN STREET
SAM HOUSTON
MINOR STEWART
SKYPORT
PRESTON
WEBSTER
ARCOLA
WHARTON
DAMON
OLD OCEAN
LAKE JACKSON
BAY CITY
BRAZOSPORT
NAVASOTA
AUSTIN
SAN ANTONIO 123
NEW ORLEANS 127
NEW ORL. LAKES SAN ANTONIO
TEX LA
BLUE 5
RED 32
GREEN 6
GREEN 4
STATUTE MILES
GULF

NEW ORLEANS

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(N) Alvin Callender (New Orleans, La)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
BATON ROUGE Range (La) (Harding)	347 (RX)	128°,3.4	MRLWZ	
Bogalusa (La)	2.4 N;RR E	100	35 S6	73, 80 oct.No sto. Poles S.
Chapman (New Orleans, La)	8.5 NE;lake N	4	22	15' trees NW. Cattle on fld.
★ Covington Int,3,NO-LS (La)	6 NNE;hwy W	77	27 L3	Pole line W.
✱ Donaldsonville Int, 26, HU-NO (La)	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts
East Baton Rouge Parish (Baton Rouge, La)	4 E;hwy N,E	56	31 S4	80,91 oct.P-line S.
Ellisville (Miss)	1.3 SW;RR SE	240	18	
(A) Esler (Alexandria, La) (A)	11 NE;Bayou S	92	45h	CLOSED
False River (New Roads, La)	1.5 W	30	25 S1	80 oct. Data unver.
Ferriday (La)	1 N	55	18	Data unver.
Girard (Lafayette, La)	2.5 NW;hwy E	39	26 S6	80,87 oct.Obsts sur fld.
Glendale (Hattiesburg, Miss)	5 NNW;hwy E	200	26 S3	80 oct.
Grand Isle (La)	2.6 NE;hwy NW	4	22	
(A) Gulfport AAF (A) (Miss)	3.4 NE	27	70h	CLOSED.
Gulfport, mun. (Miss)	1.3 N;RR E	30	22 L1 S1	80 oct. Twrs SE,NNE, lighted.
(P) Hammond	2 ENE;RR S	40	50h	
(P) [Harding](Baton Rouge, La)	5.8 NNE	70	60h L5 S2	80,91,100 oct.
(P) Harry P. Williams Memorial (Patterson, La)	2 WNW;bet RR & hwy	9	32 L2 S2	73 oct.No bcn.Lgts prior req.P-line NW
(A) Hattiesburg AAF (Miss) (A)	5 SSE;RR SW, NE	145	43h	Poles W,NW. CLOSED
(N) Houma NAS (LTA)(La)(N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia, La)	5 NW;RR NE	27	40h L5 S6	73-91 oct.
Joseph H. Sharpe (Natchez, Miss)	1.8 ESE;RR S	135	25 S2	73 oct.
KEESLER Army Range (Miss)	221 (DOX)	210°,2.9	MRLZ	(4); 4220
KEESLER Tower (Miss)	201 (126.18)		CA	(4); 4220
(A) Keesler (Biloxi,Miss)(A)	2 WNW;bay N	26	66h L5 S5	100 oct.Rdo rqrd ngts.
K-P (Covington, La)	1.6 NW;hwy adj	27	18 S2	80 oct.P-line E.
LAFAYETTE H Fac. (La)	227(UG)(116.1)		MHTV	(4); 116.1
Lafayette (La)	1.5 SE;RR W	40	50h L5 S5	80,91 oct. P-line S.
Laurel (Miss)	3 W;RR SE	235	50h L S4	80,91 oct. Port rnwy lgts.
McComb (Miss)	1.3 NW;hwy E	460	27 L3 S6	80, 91 oct. No bcn. Lgts prior request. Obsts sur field.
McLaurin (Miss)	1 NNE;RR W	350	24 S4	73 oct.Lgt acft only.
Menefee (New Orleans,La)	5.2 E;riv S	1	31	P-line S.
MOISANT Tower (La)	278 (118.3, 126.18)		C (ILS-W)	(4); 122.5,118.3,126.18
(N) [Moisant International] (New Orleans, La)	11 W;riv S	3	70h L6 S1	80,91,100 oct. Avail. only to Army, Navy, and Airlines. NATS.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
NEW ORLEANS Range (La) (Moisant)	338(NO)(116.1)	271°,3.2	SBRAZ-DTV	(3); 116.1
NEW ORLEANS Tower (La)	382 (126.18)		CA	(4); 126.18
(A) New Orleans (La)	6.5 NNE;RR S	8	40h L5 S4	91,100 oct.; 100 oct. for Army.
NEW ORLEANS NAS Tower	323 (142.74)		CN	(3); 142.74 (8-sunset)
(N) New Orleans NAS (La)(N)	4.6 N; on lake	7	34h S1	100 oct. Twr NE.
(P) Opelousas (La)	1.5 NE	35	18	Data unver.
Picayune (Miss)	2.3 NNE	92	30 S4	73 oct.No sto.Trees N, SW.
Pike Burden (Baton Rouge, La)	5 SE	35	50 S1	80 oct. Data unver.
Texaco (New Iberia,La)	2.6 N;hwy W	21	18	Poles W,WSW.Cattle on fld.
✱ Tylertown Int,7,NO-LS (Miss)	6 SE;rd E	393	40 L3	
Ulmer (Brookhaven,Miss)	1.5 NNE;RR W	500	20 S4	73 oct.No sto.P-line W.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

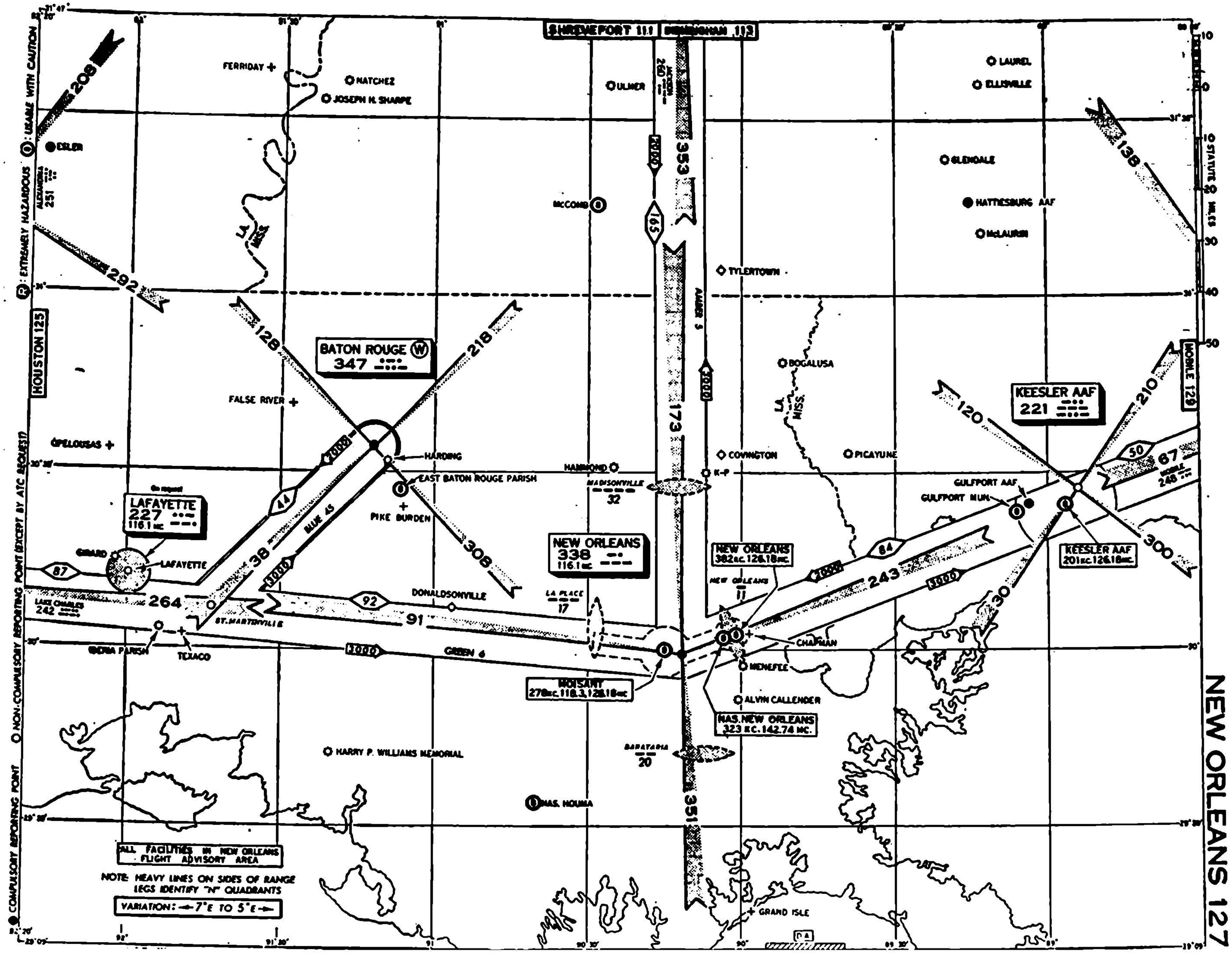
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MOISANT	109.9	333.8	100°	IM– ·····(0.05)	MM–	OM– ––(4.30)
					MMK–	OMK–
				IM–	MM–	OM–
					MMK–	OMK–
				IM–	MM–	OM–
					MMK–	OMK–

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page iv)

→← NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


SHREVEPORT 111
BIRMINGHAM 113
FERRIDAY
NATCHEZ
JOSEPH H. SHARPE
ULMER
LAUREL
ELLISVILLE
GLENDALE
HATTIESBURG AAF
McLAURIN
McCOMB
TYLERTOWN
ESLER
208
292
128
218
353
165
173
138
BATON ROUGE
347
HOUSTON 125
FALSE RIVER
OPELOUSAS
HARDING
EAST BATON ROUGE PARISH
PIKE BURDEN
HAMMOND
MADISONVILLE
32
BOGALUSA
KEESLER AAF
221
120
210
MOBILE 129
50
67
COVINGTON
PICAYUNE
GULFPORT AAF
GULFPORT MUN
LAFAYETTE
227
116.1
GIRARD
LAFAYETTE
87
38
44
BLUE 45
308
NEW ORLEANS
338
116.1
NEW ORLEANS
382 R.C. 126.18 MC.
NEW ORLEANS
11
84
243
300
30
KEESLER AAF
201 R.C. 126.18 MC.
264
LAKE CHARLES
242
ST. MARTINVILLE
92
DONALDSONVILLE
LA PLACE
17
91
IBERIA PARISH
TEXACO
GREEN 6
CHAPMAN
MENEFEE
ALVIN CALLENDER
NOLSAINT
278 R.C. 118.3, 128.18 MC.
NAS. NEW ORLEANS
323 R.C. 142.74 MC.
HARRY P. WILLIAMS MEMORIAL
BARATARIA
20
NAS. HOUMA
351
GRAND ISLE
ALL FACILITIES IN NEW ORLEANS FLIGHT ADVISORY AREA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 7°E TO 5°E
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
ALTITUDINAL 251
STATUTE 10 MILES
NEW ORLEANS 127

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(A) Alliance #4 (Marianna,Fla)(A)	14 SE	215	50h	CLOSED.
Andalusia (Ala)	1.7 SSE;RR N	340	18 S1	80 oct.
(A) Apalachicola AAF (Fla)(A)	2 W;RR N	19	53h	CLOSED.
★ Atmore Int,16,NO-AG (Ala)	6 NW;at rd int.	287	31 L3	
(N) Bagdad OLF (Pensacola,Fla)(N)	14 NE;RR SE	111	18h	Use rnwys.
→BARIN NAAS (EAST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-East (Foley,Ala)	2.7 ESE	51	41h	INACTIVE. (N)
→BARIN NAAS (WEST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-West(Foley,Ala)	2.7 ESE	72	34h	INACTIVE. (N)
(A) Bascom (Marianna,Fla)(A)	15.5 NE	120	50h	CLOSED.
[Bates] (Mobile, Ala)	10 W;rd N,S	218	50h L5 S6	80,91 oct. No flood lgts; ctc lgts on req.
(P) Brewton (new)(Ala)	3.5 S;riv N	92	40h	
Brewton (old)(Ala)	2.5 N;hwy E	100	23	UNUSABLE.
(N) Bronson NAAS (Pensacola,Fla)	12 WSW;bay W	27	44h	INACTIVE. (N)
BROOKLEY Tower (Mobile,Ala)	281 (126.18)+		CA	(4); 126.18
(A) Brookley (Mobile,Ala) (A)	3 SSW;RR NW	26	89h L5 S4	62,73,91,100 oct JP-1.
(N) Canal OLF (Foley,Ala)(N)	8 S;rd W	16	36h	
(A) Carabelle FlgtStrip (Fla)(A)	2.6 W;hwy S	20	40h	CLOSED.
Chastain's (Prichard, Ala)	2.5 NW;RR E	50	17 S1	80 oct.
Chipley (Fla)	1.5 SE;hwy N	100	24 S1	80 oct. Trees around fld.
(N) Choctaw OLF (Pensacola,Fla)	15 ENE	111	40h	(N)
City Air Park (Panama City)	2.5 N	40	26 S6	80,91 oct. Data unver. (Fla)
CRESTVIEW Range (Fla)	350(HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4); 116.1
Crestview, 21, NO-FX (Fla)	2.5 N;RR E	274	33 L2 S6	80 oct. No sto.
Davis (Mobile, Ala)	12.1 WSW;RR E	180	23 S1	73 oct.
De Funiak Springs (Fla)	1 W;RR N	197	25 S1	80 oct. Pwr line N.
Donalsonville (Ga)	1 S	150	40h	
DOTHAN Range (Ala)	233(ND)(116.1)	47°, 3.7	SBRAZ-DTV	(4); 116.1
[Dothan] (Ala)	3 WNW;hwy SE	330	40h L5 S6	80,91 oct. No sto. No flood lgts.
EGLIN Army Range (Fla)	209 (DVQ)	175°, 3.6	MRLPZ	Range cont.; (3); 126.18 (6-24)
EGLIN Tower (Fla)	278 (126.18)+		CA	(3); 126.18 (6-24)
(A) Eglin (Valpariso,Fla)(A)	1.8 SW;hwy SE	71	80h (L5) S4	73,100 oct. JP-1. No sto.
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
Ellis (Marianna, Fla)	9.5 N;riv W	116	50h	
(N) Ellyson NAAS (Pensacola,Fla)	7.5 NNE;bay E	115	38h	INACTIVE. (N)
Enterprise (Ala)	0.5 NE	355	22	
(N) Faircloth OLF (Lillian,Ala)(N)	3 NW;bay E	70	37	
Geneva (Ala)	2.4 NW;hwy S	88	23 S4	80 oct. RR S.
Gulf Airpark (Pensacola,Fla)	3 NW		17	Data unver.
Headland (Ala)	2 NE;hwy N	350	48	
→(N) Helm OLF (Pensacola,Fla)(N)	12 NW			ABANDONED.
(N) Holley OLF (Fla) (N)	1.5 S;riv N	37	36h	
Jackson Co. (Pascagoula,Miss)	3.5 ENE;RR N	16	45h L5 S6	80,91 oct.
(N) Kaisers Tract OLF (Elberta, Ala) (N)	3.3 ENE;hwy S	90	25	
Luverne (Ala)	1.7 NNW;RR E	300	20 S1	73 oct. P-line W.
(N) Magnolia OLF (Foley,Ala)(N)	5.4 NW	83	29h	
(A) Malone #2 (Marianna,Fla)(A)	15.5 N	154	50h	CLOSED.
(P) Marianna (Fla)	6 NE;hwy E	112	50h L5 S4	80 oct. Fld lgts prior req.
(P) Middleton (Evergreen,Ala)	6 WSW;hwy N	258	40h L5	Fld lgts prior req.
(P) Milton "T" (Fla)	3.5 ENE;RR S	150	53 S3	80 oct.
MOBILE Range (Ala)(Brookley)	248(MS)(116.1)	138°,3.2	SBRAZ-DTV	(4); 116.1
(A) Napier (Dothan, Ala) (A)	7.5 NW;RR S	397	45h	CLOSED.
(A) Ozark AAF (Ala) (A)	12 SSW	305	46h	TMP INACT,NO FACS.
Panama City (Fla)	5 NW;bay N,S,W	5	19 S6	80 oct.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
PENSACOLA Range (Fla)	326(KH)(116.1)	340°,2.1	SBRAZ-DTV	(4); 116.1
(P) [Pensacola] (Fla)	4 NNE;bay E	121	50h L5 S6	80,91 oct.
Pensacola Arpk (Fla)	5 NNW;hwy E		28 S1	80 oct. Allway fld. Data unver.
PENSACOLA NAS-CHEVALIER Tower (Fla)	382 (142.74)		CN	(4); 142.74 (sunrise-30 min. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower (Fla)	2870 (142.74)		CN	3105;142.74 (730-1630 except Sat,Sun,and holidays)
(N) Pensacola NAS-Chevalier(Fla)	5.3 SW;RR W	9	26h L S6	91 oct. Flood,obst lgts. (N)
PENSACOLA NAS-CORRY Tower	341 (142.74)		CN	3105; 142.74
(N) Pensacola NAS-Corry (Fla)(N)	5 WSW;hwy SE	32	43h L4 S6	91 oct. Obsts N,E,W.
(N)→" OLF #1 (N) (Fla)	14 NW;riv 3 W	100	46	ABANDONED.
(N)→" OLF #5 (N)	10 NNW;RR W	115	57	ABANDONED.
(N)→" OLF #6 (N)	10 NNW;RR E	110	48	ABANDONED.
(N)→" OLF #7 (N)	7 NW	103	37	ABANDONED.
(N) " OLF #8A (N)	13 NW	100	73	
(N)→" OLF #9K (N)	11.5 NNW;RR E	110	50	ABANDONED.
(A) Reynoldsville (Ga) (A)	1.7 SSW	110	30h	CLOSED.
(N) Santa Rosa OLF (Milton,Fla)	6 E;rivs N,S,W	150	45h	(N)
SAUFLEY NAAS Tower (Fla)	275 (142.74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola,Fla)	8.5 WNW;bay SW	85	61h L5 S4	87,91 oct. NATS. (N)
(N) Silverhill OLF (Ala) (N)	3.5 WNW	129	30h	
Skyland (Panama City,Fla)	Within city W	12	20 S6	80 oct. No sto. P-line S.
Southern Airmotive (Dothan)	2 SE;RR W	322	27 S4	80 oct. Twr NW. (Ala)
(N) Spencer OLF (Pensacola,Fla)	15 NNE;bay S	145	18h	(N)
(N) Summerdale OLF (Ala) (N)	3.5 ENE;RR W			ABANDONED.
TYNDALL Army Range (Fla)	203 (DKE)	313°, 2.8	MRLZ	(3); 126.18 (V, 6-24)
TYNDALL Tower (Fla)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City,Fla)(A)	8 SE;Gulf SW	16	61h L5 S6	73,91,100 oct.
WHITING Navy Range (Fla)	524 (AWT)	130°, 3.2	MRLWZ	
WHITING NAS-NORTH Tower	269 (142.74)		CN	3105,4495; 142.74 (Fla)
(N) Whiting NAS-North (Milton,Fla)	6 N	200	60h (L6) S4	73,91,100 oct. (N)
WHITING NAS-SOUTH Tower				DECOMMISSIONED.
(N) Whiting NAS-South (Milton,Fla)	5 N	178	60h	Use N Fld. INACTIVE. (N)
(N) Wolf OLF (Josephine,Ala)(N)	1.5 N;bay E	54	30h	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

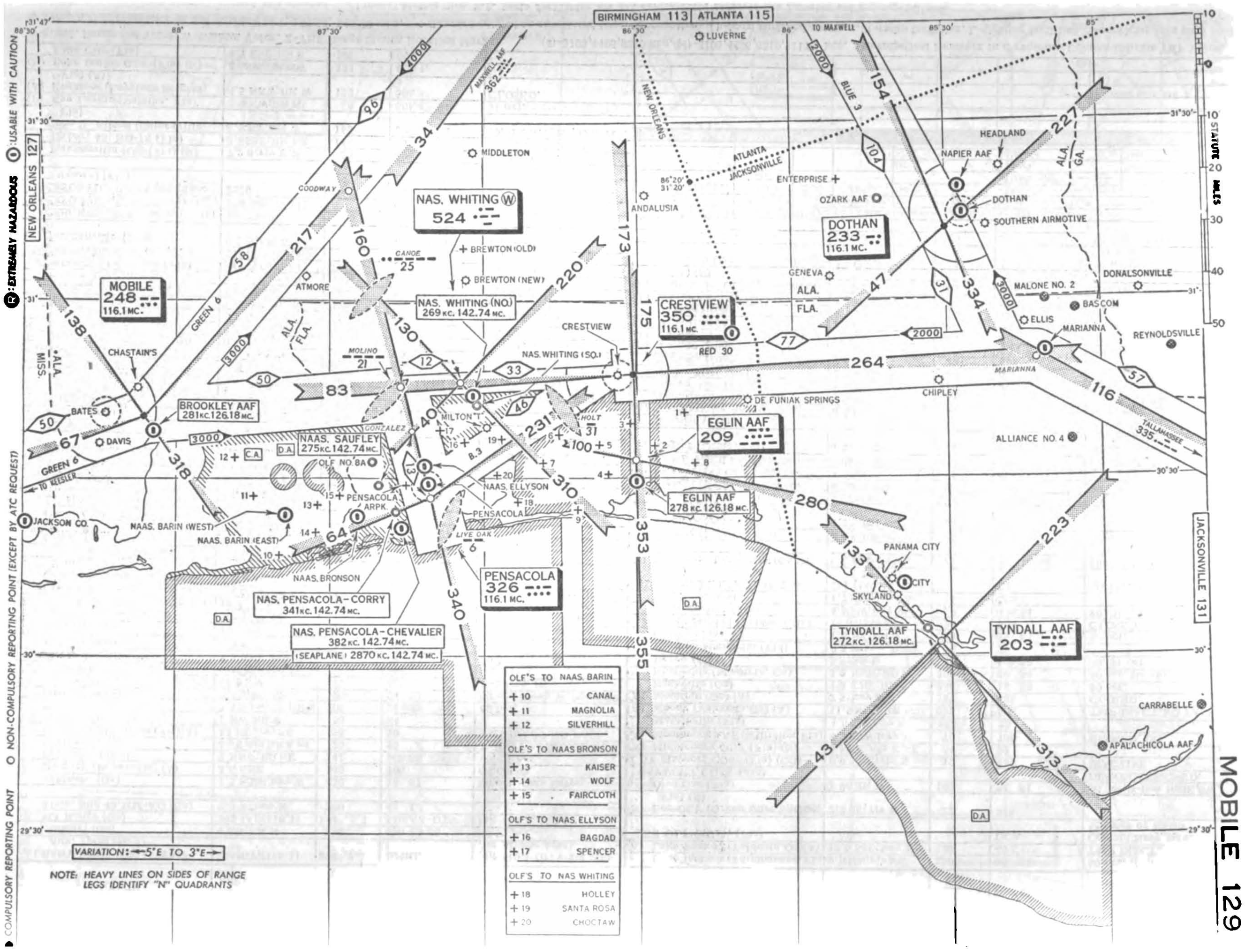
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page M)

→← NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop R.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


BIRMINGHAM 113 ATLANTA 115
O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
NEW ORLEANS 127
JACKSONVILLE 131
STATUTE MILES
MOBILE 248 116.1 MC.
NAS. WHITING (W) 524
NAS. WHITING (NO.) 269 KC. 142.74 MC.
CRESTVIEW 350 116.1 MC.
DOTHAN 233 116.1 MC.
PENSACOLA 326 116.1 MC.
EGLIN AAF 209
EGLIN AAF 278 KC. 126.18 MC.
TYNDALL AAF 272 KC. 126.18 MC.
TYNDALL AAF 203
BROOKLEY AAF 281 KC. 126.18 MC.
NAAS. SAUFLEY 275 KC. 142.74 MC.
NAS. PENSACOLA-CORRY 341 KC. 142.74 MC.
NAS. PENSACOLA-CHEVALIER 382 KC. 142.74 MC.
(SEAPLANE) 2870 KC. 142.74 MC.
MAXWELL AAF 362
MIDDLETON
LUVERNE
TO MAXWELL
ATLANTA JACKSONVILLE
NEW ORLEANS
ANDALUSIA
ENTERPRISE
OZARK AAF
HEADLAND
NAPIER AAF
SOUTHERN AIRMOTIVE
GENEVA
ALA.
FLA.
DONALSONVILLE
MALONE NO. 2
BASCOM
ELLIS
MARIANNA
REYNOLDSVILLE
CHIPLEY
DE FUNIAK SPRINGS
ALLIANCE NO. 4
BRAINERD
CHASTAIN'S
ATMORE
BATES
DAVIS
GREEN 6
TO MEEKER
JACKSON CO.
GOODWAY
CANOE 25
BREWTON (OLD)
BREWTON (NEW)
MOLINO 21
CRESTVIEW
NAS. WHITING (SO.)
RED 30
MILTON "T"
HOLT 31
GONZALEZ
OLF NO. 8A
PENSACOLA ARPK.
NAAS. ELLYSON
PENSACOLA
LIVE OAK
NAAS. BARIN (WEST)
NAAS. BARIN (EAST)
NAAS. BRONSON
PANAMA CITY
CITY
SKYLAND
CARRABELLE
APALACHICOLA AAF
D.A.
C.A.
OLF'S TO NAAS. BARIN
+10 CANAL
+11 MAGNOLIA
+12 SILVERHILL
OLF'S TO NAAS BRONSON
+13 KAISER
+14 WOLF
+15 FAIRCLOTH
OLF'S TO NAAS. ELLYSON
+16 BAGDAD
+17 SPENCER
OLF'S TO NAS. WHITING
+18 HOLLEY
+19 SANTA ROSA
+20 CHOCTAW
VARIATION: 5°E TO 3°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
MOBILE 129

JACKSONVILLE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALBANY Range (Ga) (Turner Aux. Field No. 1)	254(GY)(116.1)	298°,2.3	BMRLZ-DTV	(4);.116.1 (DTV stn lctd at Albany Arpt).
[Albany] (Ga)	4 SW;RR N	196	49h L5 S6	80,91 oct.
ALMA Range (Ga)	242 (AJ)(116.1)	144°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
Alma, Site 43,MM-AG (Ga)	2.5 W;hwy N	200	43 L3	
Ashburn (Ga)	1.5 S;RR,hwy W	430	18 S1	80 oct, Data unver.
(A) Babcock (Boykin,Ga) (A)	3.5 ENE	145	30h	CLOSED.
Bainbridge (Ga)	7 NNW;RR NE	141	50h S6	80, 91 oct.
Barberville (Fla)	1 SE;bet RR & rd	25	25	P-line E. UNUSABLE.
(A) Bemiss #3 (Valdosta,Ga)(A)	12 NE;hwy SE	198	50	TMP INACT.NO FACS.
(N) Bostwick OLF (Fla) (N)	1 NW;RR E	53	34	
Bowser (Baxley, Ga)	2.5 S;hwy W;RR N	205	21 S1	80 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct.Trees W.Poles SW
(N) Branan OLF (Jacksonville,Fla)	14.5 SW	73	40h L	B-2 lgts. (N)
BRUNSWICK H Fac. (Ga)	230(BS)(116.1)		MHTV	(4); 116.1
Brunswick (Ga)	2.5 NNE;hwy E	14	26 S1	80,91 oct. Data unver.
Bunnell (Fla)	3.3 E	34	50h	
Camilla (Ga)	1.4 NW.	180	21 S1	80 oct. Data unver.
CECIL NAAS Tower (Fla)	201 (142.74)		CN	3105;142.74 (Flying hrs)
(N) Cecil NAAS (Jacksonville,Fla)	16 WSW;hwy NW	80	50h L5 S4	87,91 oct.Trees sur fld. (N
Civil Air Patrol (Waycross,Ga)	2.6 WSW;RR SE	140	21 S1	80 oct. Obsts sur fld.
Commodore Decatur (Bainbridge, Ga)	2 W;riv W	105	40h S1	80 oct.
Cook County (Adel, Ga)	1.3 W;hwy NE	220	40h L3 S6	80, 91 oct.
Craig (Jacksonville, Fla)	9 E;riv N	41	40h L5 S6	80,91 oct. No sto.
CROSS CITY AAF Range (Fla)	269(FC)(116.1)	315°,2.7	SBMRAZ-DTV	(4); 116.1
(A) Cross City AAF (Fla) (A)	1 SE; RR SW	42	50h L5	CLOSED.
DALE MABRY Tower (Fla)	281 (118.3,126.18)		C	(4); 126.18,118.3,122.5
(P) [Dale Mabry] (Tallahassee,Fla)	3 W; RR S	70	52h L5 S4	80, 91 oct.
Darien (Ga)	0.8 SE;riv S	30	13 S1	Ltd 80 oct. Trees W.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
Daytona Beach (Fla)	2.8 SW;hwy S	34	41h L5 S6	80,91 oct. Ctc & rnwy lgts on req.
Faceville (Ga)	3.5 S	285	30h	
(P) Fernandina (Fla)	4 S;ocean E	16	50h	
Fitzgerald (Ga)	2 SSW;RR W,E	365	24	
(N) Flemings Island OLF (N)	17.5 SSW	23	40h L	B-2 lgts.(Jacksonv'l,Fla)
Folkston Int,37,MM-AG (Ga)	0.7 WNW;hwy E	82	20 L3 S1	80 oct. on req.
→ GLYNCO NAF Range (Ga)	520 (NEA)	239°,0.3	MRLZ	3105.6390(V-.0730-16)
→ GLYNCO NAF Tower (Ga)	317 (142.74)		CN	3105.4495;142.74(0730-16)
(N) Glynco NAF (LTA)(Ga)(N)	6.4 N Brunswick	25	35h L5 S4	91,100 oct. Hwy SE.
(A) Harris Neck AAF (Ga)(A)	7 E S,Newport	22	54h	CLOSED.
Hart (Jacksonville, Fla)	6.5 W;RR N	20	40 S6	80,91 oct,Trees sur fld.
Hawthorne (Fla)	1.2 SSE;RR W	120	24 S1	Ltd 80 oct.Trees S,W,NE
Herlong (Jacksonville, Fla)	10.5 WSW	87	40h S4	80,91 oct. No sto.
Homerville Flight Strip (Ga)	2.5 NW;hwy NE	185	40h	
JACKSONVILLE Range (Fla)	344 (JX)(116.1)	269°,1.7	SBRAZ-DTV	(3); 116.1, 122.1
JACKSONVILLE Tower (Fla)	278 (126.18,118.5)		AC (ILS)	(4);122.5,126.18,118.5
(P) Jacksonville (Fla)	6.3 N;RR W	52	70h L6 S4	80,91 oct.
JACKSONVILLE NAS Range (Fla)	365 (NIP)	89°,3.1	MRLZ	
JACKSONVILLE NAS Tower (Fla)	323 (126.18,142.74)		CN	(3); 126.18, 142.74
JACKSONVILLE NAS (Seaplane Tower) (Fla)	2870		CN	2870,3105 (avail.during working hrs. and on 1 hr's advance notice).
(N) Jacksonville NAS (Fla) (N)	7.2 S;riv E,N	20	60h L5 S6	91, 100 oct. NATS.
Jasper, 43, NO-JX (Fla)	3.5 SSE;RR NE	148	36 L3	Poles W. P-line NE.
John R. Alison (Gainesville, Fla)	4.5 NE;RR W	155	50h L5 S2	80,91 oct.Lgts prior req.
(P) Kay Larkin (Palatka, Fla)	3 WNW;RR N	56	50h L5 S1	91 oct.
(A) Keystone (Keystone Heights, Fla) (A)	4.5 NNW;RR W	192	50h	CLOSED.
(N) Lake Butler OLF (Fla) (N)	2 SSW;RR NW	131	60h L	
Lake City (Fla)	3.7 ESE;RR S	201	60h	
Lake Jackson (Tallahassee, Fla)	9 NNW;riv NW	250	30 S4	80 oct. No sto.
(A) Lake Park #2 (Valdosta,Ga)(A)	12.5 SSE;hwy N	220	45	TMP INACT.NO FACS.
LEE OLF G.C.A. (Fla)			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Springs, Fla) (N)	2.2 SE; riv N	22	51h	
Live Oak (Fla)	1 W;RR W	105	26 S1	80 oct.P-line N,NE,SW.
MAYPORT CGAS (Fla)				DECOMMISSIONED.
(CG) Mayport CGAS (Fla) (CG)	0.6 NNE;riv N	19	43h	INACTIVE.
(N) Middleburg OLF (Fla) (N)	3 NNE;rds E,SE	34	32	
(A) Montbrook AAF (Williston,Fla)	3.2 SSW;hwy E	70	70h	CLOSED. (A)
Monticello (Fla)	1.5 SW;hwy E	160	25	
(A) Moody (Valdosta,Ga) (A)	11.5 NNE;RR W	233	50h	TMP INACT.NO FACS.
(A) Moultrie (Ga) (A)	7 S;hwy NW	287	40h	CLOSED.
Nashville (Ga)	1.3 ENE;RR S	236	16 S6	80 oct.
Northside (Moultrie, Ga)	3.2 NNW;RR W	300	30 S4	80 oct. No sto.
Perry (Fla)	2 S;RR E	45	50h S2	80, 91 oct.
Pierson Memorial (Fla)	0.5 N;hwy ,RR W	70	21	
Quincy (Fla)	1.5 NE;RR S	212	35 S1	80 oct.
(A) Rocky Ford #1 (Valdosta,Ga)	16 SW;hwy N	220	50h	CLOSED. (A)
St. Augustine (Fla)	4 NNW;hwy W	10	42h S1	80, 91 oct.
St. Marys (Ga)	1.7 NNW;hwy S	24	50h	
ST. SIMONS ISLAND NAS Tower (Ga)	281 (140.58, 142.74)		CN	(3);142.74,140.58 (630-24)
(N) St. Simons Island NAS (Ga)(N)	6 E Brunswick	19	41h L5 S4	100 oct.No sto.Lgts on req Trees NE,SW.
Sawyer (Palatka, Fla)	2.6 S;RR SE	60	25	Trees N,E,S.
(P) South Georgia College (Douglas, Ga)	1.3 S;RR W	225	60	
Spence (Moultrie, Ga)	5 SE;hwy W	292	50h S6	80, 91 oct.
Stengel (Gainesville, Fla)	4 WSW;RR SE	70	38 S6	80 oct. Trees sur fld.
(N) Switzerland OLF (Fla) (N)	1.5 SE	31	40h	
TALLAHASSEE Rng(Dale Mabry)	335 (TJ)(116.1)	85°,2.7	SBRAZ-DTV	(3); 116.1, 122.1 (Fla)
(P) Taylor (Ocala, Fla)	1 SW;RR NE	72	40h L3 S6	80,91 oct.Lgts and ngt repairs prior req.
Tennile (Fla)	2.2 SSW;rd E	35	20	Trees SW.
(A) Thomasville AAF (Ga) (A)	8.5 ENE;hwy S	264	50h	CLOSED.
Thomasville com. (Ga)	1 SW;RR N	250	42 S4	80 oct. Trees sur fld.
Three "B" (Fitzgerald,Ga)	1.5 N	515	27 S1	80 oct.
Tifton Mun. (Ga)	2.3 SE;hwy W	343	50h L5 S4	80,91 oct. Lgts prior req
Tomoka (Daytona Beach,Fla)	7.8 NW	29	40h	
(A) Turner (Albany, Ga) (A)	3.8 ENE;riv N	215	76h	TMP INACT.NO FACS.
(A) Turner #1 (Albany, Ga)(A)	15 NE	285	45	CLOSED.
(A) Vada (Ga) (A)	3 NE	140	30h	CLOSED.
Valdosta (Ga)	2.5 S;hwy E	215	56h S1	80 oct.
(A) Waycross AAF (Ga) (A)	4 NW;hwy E	141	50h	CLOSED.
(N) Whitehouse OLF (Jacksonville, Fla) (N)	13 W; RR S	102	40h L	B-2 lgts.
Williams (Jacksonville, Fla)	3.3 WNW;RR E	25	31 S6	80 oct.No sto.P-line E. Data unver.
Witt (Lake City, Fla)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
JACKSONVILLE	110.3	335	44°	IM-	MM- ·—·—(0.66)	OM- — —(4.60)
					MMK-209 —·—·	OMK-251 —··—
				IM-	MM-	OM-
					MMK-	OMK-

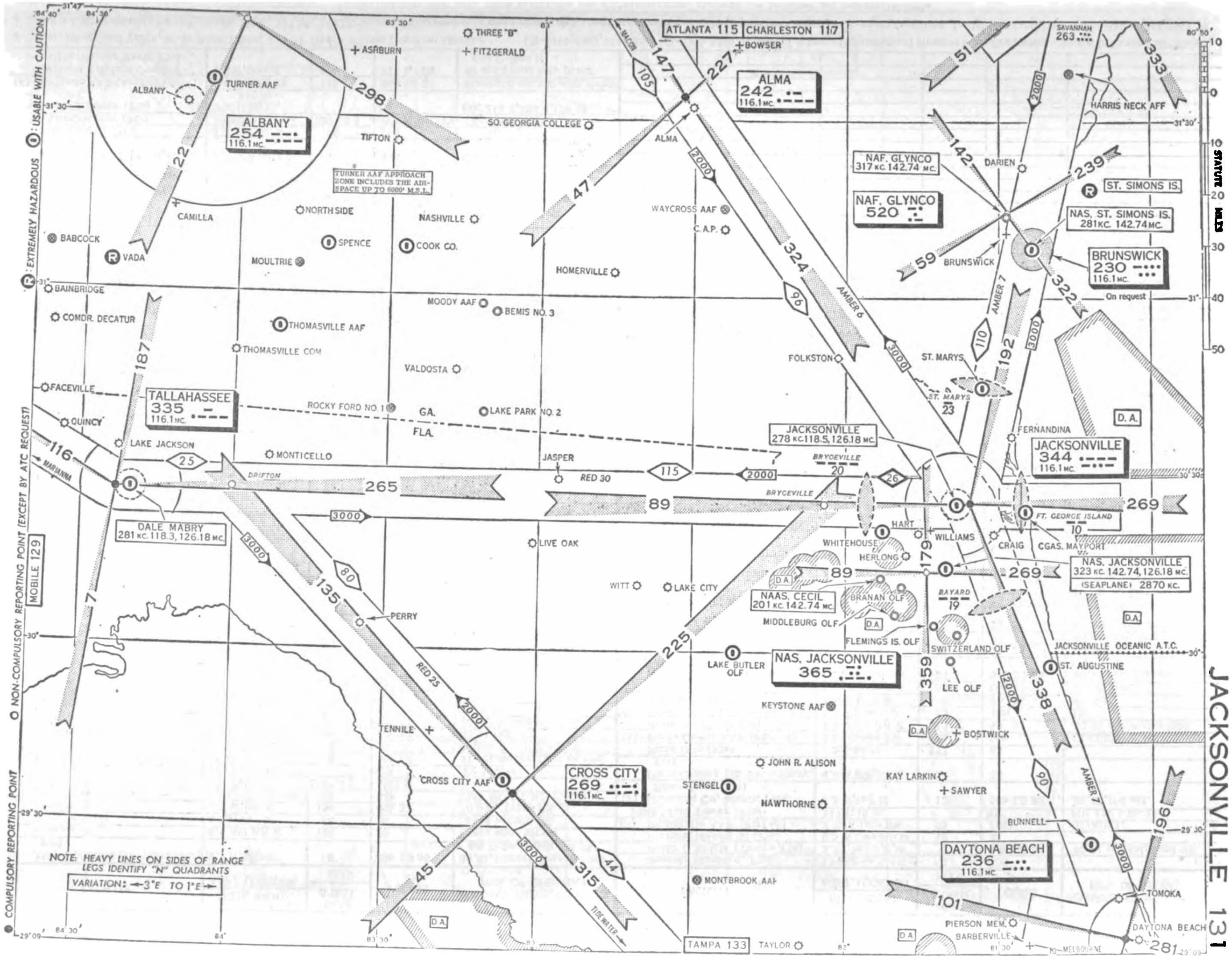
NEW FACILITIES

(3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice, S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker.

(see page iv)

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ATLANTA 115 CHARLESTON 117
ALBANY 254 116.1 MC.
ALMA 242 116.1 MC.
TALLAHASSEE 335 116.1 MC.
JACKSONVILLE 278 KC. 118.5, 126.18 MC.
JACKSONVILLE 344 116.1 MC.
BRUNSWICK 230 116.1 MC.
NAF. GLYNCO 520
NAF. GLYNCO 317 KC. 142.74 MC.
NAS. ST. SIMONS IS. 281 KC. 142.74 MC.
ST. SIMONS IS.
DALE MABRY 281 KC. 118.3, 126.18 MC.
CROSS CITY 269 116.1 MC.
NAS. JACKSONVILLE 365
NAAS. CECIL 201 KC. 142.74 MC.
NAS. JACKSONVILLE 323 KC. 142.74, 126.18 MC. (SEAPLANE) 2870 KC.
DAYTONA BEACH 236 116.1 MC.
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 6000' M.S.L.
ALBANY
TURNER AAF
ASHBURN
THREE "B"
FITZGERALD
SO. GEORGIA COLLEGE
TIFTON
ALMA
BOWSER
WAYCROSS AAF
C.A.P.
SAVANNAH 263
HARRIS NECK AFF
DARIEN
BRUNSWICK
On request
CAMILLA
NORTH SIDE
NASHVILLE
SPENCE
COOK CO.
MOULTRIE
HOMERVILLE
BABCOCK
VADA
BAINBRIDGE
COMDR. DECATUR
MOODY AAF
BEMIS NO. 3
THOMASVILLE AAF
THOMASVILLE COM
VALDOSTA
FOLKSTON
ST. MARYS
FACEVILLE
QUINCY
LAKE JACKSON
ROCKY FORD NO. 1
GA.
FLA.
LAKE PARK NO. 2
MONTICELLO
JASPER
RED 30
DRIFTON
BRYCEVILLE
FERNANDINA
D.A.
HART
WILLIAMS
CRAIG
CGAS. MAYPORT
FT. GEORGE ISLAND
LIVE OAK
WHITEHOUSE
HERLONG
WITT
LAKE CITY
BRANAN OLF
MIDDLEBURG OLF
FLEMINGS IS. OLF
BAYARD
SWITZERLAND OLF
JACKSONVILLE OCEANIC A.T.C.
ST. AUGUSTINE
LAKE BUTLER OLF
LEE OLF
KEYSTONE AAF
BOSTWICK
JOHN R. ALISON
KAY LARKIN
SAWYER
PERRY
TENNILE
CROSS CITY AAF
STENGEL
HAWTHORNE
BUNNELL
MONTBROOK AAF
TOMOKA
PIERSON MEM.
BARBERVILLE
DAYTONA BEACH
TAMPA 133
TAYLOR
NO. MELBOURNE
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
MOBILE 129
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 3°E TO 1°E
STATUTE MILES
JACKSONVILLE 131

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Whitted (St. Petersburg, Fla)	2.5 E; bay E	6	33h L3 S6	80,91,100 oct. Coast Gd. Stn adj Poles, stack NW, SW.
Altoona (Fla)	0.6 NW; RR E	155	25	Trees ends strips
Arcadia (Fla)	2 SE; hwy W	60	30	Trees around fld
Avon Park (Fla)	1.5 W; RR E	156	40h S1	80 oct. Trees SE.
(A) Avon Park AAF (Fla) (A)	11 ENE; lake NW	65	54h	TMP INACT. NO FACS.
BANANA RIVER Navy Range (Fla)	524 (NPB)	106°, 4.6	MRLZ	(3)
BANANA RIVER NAS Tower (Fla)	224 (142.74)		CN	(3); 142.74
(N) Banana River NAS (Fla) (N)	11 SE Cocoa	9	40h L5 S6	91 oct. No bcn. Lgts on req.
Barberville (Fla)	1 SE; bet RR & rd	25	25	P-line E. UNUSABLE.
Bartow (Fla)	5.5 NE; RR NW	128	50h L5 S2	80,91 oct.
Bradenton (Fla)	0.5 S; RR NE	20	24 S1	80 oct. Trees W. Poles SW.
(A) Brooksville AAF (Fla) (A)	7.5 SW; hwy E	70	70h	CLOSED.
Bunnell (Fla)	3.3 E	34	50h	
Cannon Mills (Orlando, Fla)	3.8 E; hwy N	105	41 S6	80 oct. No sto. Poles sur fld
Carlstrom (Arcadia, Fla)	7 SSE; hwy N	56	53	
Cedar Keys (Fla) (NC)	1 W; bay S	6	24h	
Clearwater (Fla)	2.5 NE; hwy S	73	30 S6	80 oct. No sto. Trees W.
Cocoa (Fla)	1 N; RR E	20	26 L1	P-line E; trees S, W.
(A) Conners (Okeechobee, Fla) (A)	2.5 NW; RR S	34	50h	CLOSED.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°, 2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) Daytona Beach (Fla)	2.8 SW; hwy S	34	41h L5 S6	80, 91 oct.
Deland (Fla)	2.5 NNE; hwy S	80	60h L5 S1	87, 91 oct.
Dorr (Arcadia, Fla)	11.5 E; hwy N	74	53	
DREW Tower (Fla)	278 (126.18, 118.5)		AC	(4); 126.18, 118.5, 122.5
(P) [Drew] (Tampa, Fla)	5 W; bay SW	26	70h L5 S6	80,91 oct. Rdo rec rqrd.
(A) Dunnellon AAF (Fla) (A)	4.5 E; hwy S	66	50h	CLOSED.
Ellenton (Fla)	1.5 NNW; RR N	18	15	P-line NE; trees SW.
Fette Aircraft Service (Fla)	2 S; RR E	19	50h L S6	80, 91 oct. No bcn.
Fort Pierce, com. (Fla)	3.3 SSE; RR E	18	26 L1 S6	80 oct. P-line W.
(P) Fort Pierce, mun. (Fla)	3.5 NW; hwy E	24	50h	
Frank D. Waterman (Eustis, Fla)	0.9 SSW; lake NNW	81	23 S1	80 oct. Poles SW, N, W.
Gilbert (Winter Haven, Fla)	3.5 NNW; lake W, E	135	40h S6	80, 91 oct.
Gray's (Leesburg, Fla)	5 N; RR, hwy W	130	27 S6	80 oct. Orange groves W.
Haines City (Fla)	1 NW	175	20 L1	
(P) Hendricks (Sebring, Fla)	6.5 ESE; RR N	62	50h	
Hidden Acres (Clarcona, Fla)	1.5 WNW; lake W	93	25 S6	80 oct. Trees E.
(A) Hillsborough AAF (Tampa, Fla)	7 NNE	67	50h	CLOSED (A)
Hoequist (Orlando, Fla)	3.8 SW; bet lakes	90	20 S4	80 oct. No sto. Trees E.
Honeymoon Island (Dunedin)	2.5 W		30	Data unver. (Fla)
Kerlin (Minneola, Fla)	0.5 NE	100	18 S2	80 oct.
(P) Kissimmee (Fla)	2 W; RR N	65	50h	
(A) Lakeland AAF (Fla) (A)	4.5 SW; RR NE	142	50h	CLOSED.
[Lakeland Mun. #1] (Fla)	2.1 N; lake E	159	35h L5 S6	80,91 oct. Ctc lgts on prior req. till 2400.
Lake Wales (Fla)	2.3 WSW; RR N	225	40h L3 S6	80, 91 oct.
(A) Leesburg AAF (Fla) (A)	4 ENE; RR SE	67	50h	CLOSED.
Ludwig Sky Harbor (St. Petersburg, Fla)	6 NE; bay E	14	33 L1 S6	80 oct.
MAC DILL Tower (Fla)	227 (126.18)+		CA (ILS-W)	(3); 126.18
(A) MacDill (Tampa, Fla) (A)	8 SSW; bay NE	9	100h L5 S6	73-100 oct. JP-1. No sto.
(N) Malabar OLF (Fla) (N)	7 WNW	27	40h	
MELBOURNE Range (Fla)	257 (OU)(116.1)	158°, 2.3	SBRAZ-DTV	(4); 116.1, 122.1
Melbourne-Eau Gallie (Fla)	2.2 NW; RR E	26	43h S4	80,91 oct.
(A) Montbrook AAF (Williston, Fla) (A)	3.2 SSW; hwy E	70	70h	CLOSED.
New Smyrna (Fla)	3 NNW; RR W	12	50h	
ORLANDO Range (Fla)	206(OR)(116.1)	220°, 3.4	BMRLZ-DTV	(3); 116.1, 122.1
ORLANDO Tower (Fla)	278 (126.18, 118.7)+		C	(4); 118.7, 122.5, 126.18
(A) Orlando AAB (Arpt) (Fla)	2.5 E; lake SE	115	55h L5 S6	91 oct; 100 oct. mil. acft. No sto
Orlando Aviation Country Club (Winter Park, Fla)	1 NW; lake S	100	21 L S6	80 oct. Flood lgts prior req. P-line N.
Osceola (Sanford, Fla)	10 SSE; lake SE	75	40h	
Peter O. Knight (Tampa, Fla)	3.7 S; bay S, E, W	8	40h L5 S6	80,91 oct. Shipyard NE.
Pierson Memorial (Fla)	0.5 N; hwy, RR W	70	21	
(A) Pinecastle AAF (Fla) (A)	3 ESE; lake NW	95	100h	CLOSED.
PINELLAS Tower (Fla)	317 (118.3)		CI	(4); 122.5 (8-24)
(P) [Pinellas Co. Master] (St. Petersburg, Fla)	9.5 N; bay N	12	50h L5 S6	80,91,100 oct.
Piper-Fuller (St. Petersburg, Fla)	4.8 WNW; RR E	21	32	
Plant City (Fla)	3 E; hwy N	172	53	
(A) Punta Gorda AAF (Fla) (A)	5 ESE; hwy SW	22	50h	CLOSED.
Robinson (Plant City, Fla)	1.5 WSW; RR E	110	18 S1	80,91 oct. P-line ESE.
(N) Roseland OLF (Sebastian, Fla)	1.7 W; riv N, E	23	40h	(N)
Ryan (Apopka, Fla)	1 N; lake NW	104	28 S6	80 oct.
Sanford (Fla)	2.5 SE; lake N, S	57	60h S6	80, 91 oct.
(P) [Sarasota-Bradenton] (Sarasota, Fla)	3.5 NNW; hwy W	24	50h L5 S6	80,91 oct. Fld lgts prior req.
Sarasota, com. (Fla)	2.5 E; RR S	25	28 S1	80 oct.
Sebring (Fla)	4 SW; lake NE	200	20 S1	80 oct. Pwr line SW.
Showalter Arpk (Winter Park) (Fla)	2 E; RR S		25 S4	80 oct. No sto. Data unver.
Skyland (Lakeland, Fla)	1.9 WNW; RR S	170	23 S6	80 oct. No sto. Trees S.
Skyport (Dunedin, Fla)	1.5 N; RR E	4	26 S6	80 oct. No sto. P-line NE.
TAMPA Range (Fla) (Peter O. Knight)	388(TM)(116.1)	55°, 2.7	SBRAZ-DTV	(4); 116.1, 122.1
(P) Taylor (Ocala)	1 SW; RR NE	72	40h L3 S6	80,91 oct. Lgts and ngt repairs on prior req.
(P) Titusville-Cocoa (Titusville)	6 S; riv E	35	50h L5 S6	80 oct. (Fla)
* Titusville Int, 20, MM-AG (Fla)	1.3 NW; RR E	28	28 L3	
Tomoka (Daytona Beach, Fla)	7.8 NW	29	40h	
(N) Valkaria OLF (Melbourne, Fla) (N)	8 SSE; RR E	26	40h	
Venice, mun. (Fla)	0.5 SE; RR E	20	36 S2	80 oct.
VERO BEACH H Fac. (Fla)	242(VB)(116.1)		MHTV	(4); 116.1
[Vero Beach] (Fla)	1 NW; RR E	24	65h	
Wauchula (Fla)	2.1 E; riv W	120	21	Trees N, E, NE
Wimauma (Fla)	0.8 ESE; RR W	35	36	Cattle on fld. Bldg W.
(P) Witham (Stuart, Fla)	1.5 SE; RR SW	17	50h S1	
(P) Zephyrhills (Fla)	1.5 ESE; RR W	92	50h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

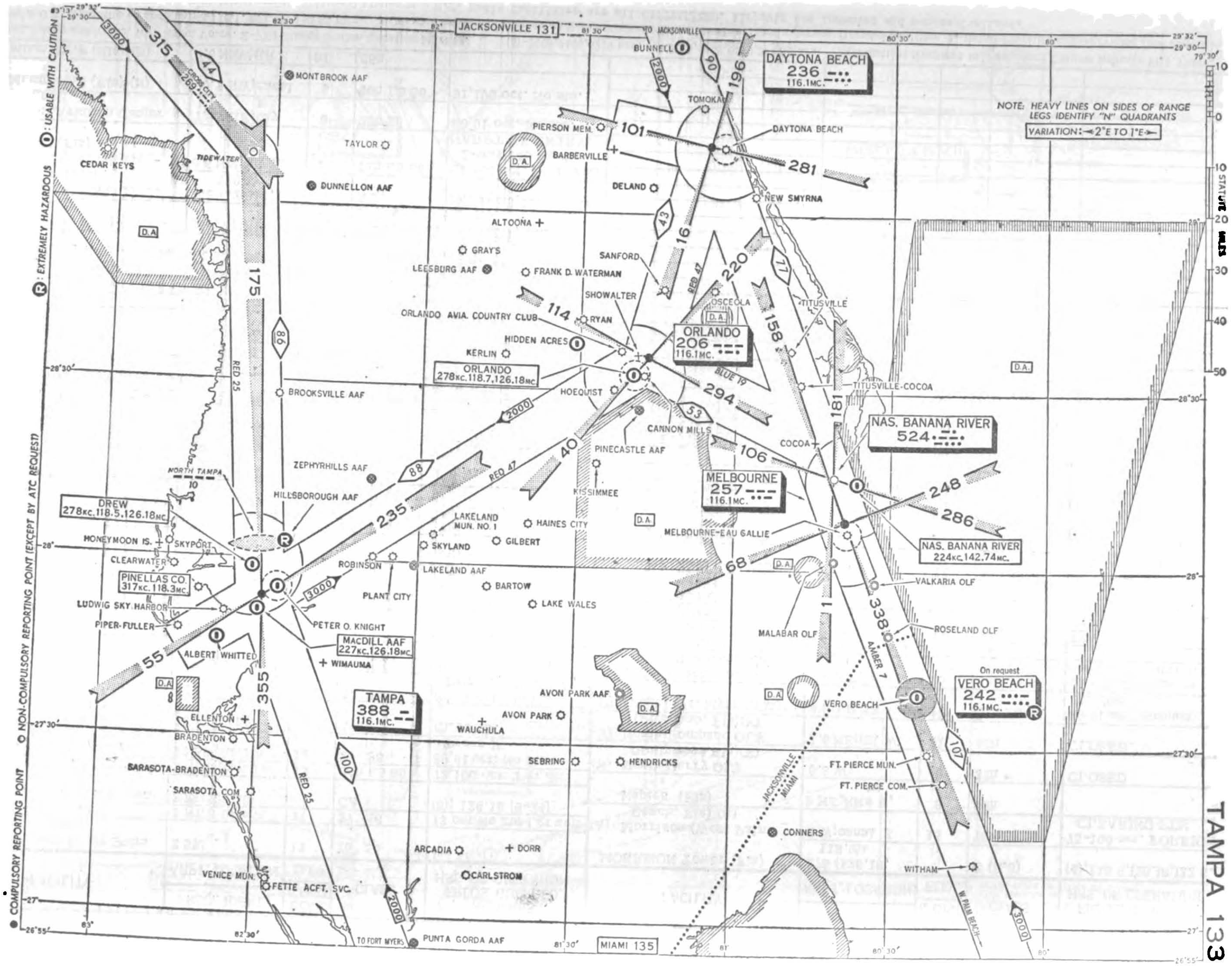
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MacDILL (A)	110.3	335	217°	IM- (0.07)	MM- .....(1.09)	OM- --(5.03)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 127.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV).

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


JACKSONVILLE 131
JACKSONVILLE
BUNNELL
DAYTONA BEACH
236
116.1MC.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
MONTBROOK AAF
TOMOKA
PIERSON MEM.
DAYTONA BEACH
TAYLOR
BARBERVILLE
CEDAR KEYS
TIDEWATER
DUNNELLON AAF
DELAND
NEW SMYRNA
ALTOONA
GRAYS
SANFORD
LEESBURG AAF
FRANK D. WATERMAN
SHOWALTER
OSCEOLA
TITUSVILLE
ORLANDO AVIA. COUNTRY CLUB
RYAN
ORLANDO
206
116.1MC.
HIDDEN ACRES
KERLIN
ORLANDO
278KC.118.7,126.18MC.
BLUE 19
TITUSVILLE-COCOA
BROOKSVILLE AAF
HOEQUIST
CANNON MILLS
NAS. BANANA RIVER
524
COCOA
ZEPHYRHILLS AAF
PINECASTLE AAF
NORTH TAMPA
MELBOURNE
257
116.1MC.
HILLSBOROUGH AAF
KISSIMMEE
DREW
278KC.118.5.126.18MC.
LAKELAND MUN. NO. 1
HAINES CITY
MELBOURNE-EAU GALLIE
HONEYMOON IS.
SKYPORT
SKYLAND
GILBERT
NAS. BANANA RIVER
224KC.142.74MC.
CLEARWATER
ROBINSON
LAKELAND AAF
PINELLAS CO.
317KC.118.3MC.
PLANT CITY
BARTOW
VALKARIA OLF
LUDWIG SKY HARBOR
LAKE WALES
PIPER-FULLER
PETER O. KNIGHT
MALABAR OLF
ROSELAND OLF
ALBERT WHITTED
MACDILL AAF
227KC.126.18MC.
WIMAUMA
On request
VERO BEACH
242
116.1MC.
TAMPA
388
116.1MC.
AVON PARK AAF
VERO BEACH
ELLENTON
AVON PARK
WAUCHULA
BRADENTON
SEBRING
HENDRICKS
FT. PIERCE MUN.
SARASOTA-BRADENTON
FT. PIERCE COM.
SARASOTA COM
CONNERS
ARCADIA
DORR
CARLSTROM
WITHAM
VENICE MUN.
FETTE ACFT. SVC.
TO FORT MYERS
PUNTA GORDA AAF
MIAMI 135
: USABLE WITH CAUTION
: EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
STATUTE MILES
TAMPA 133

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Belvedere (West Palm Beach, Fla.)	2 SW	17	25 S5	
Belle Glade (Fla)	1 NNE;lake W	17	27 S6	73 oct.No sto.Lgt acft.
BOCA RATON AAF Tower (Fla)	396 (126.18)		CA	(3); 126.18 (6-24)
(A) Boca Raton AAF (Fla)(A)	2 NNW;canal E	13	64h L5 S6	73,100 oct. Twr SE.
Brown (Miami, Fla)	10 SW;RR NW	10	20 S6	80,91 oct. No sto. Trees E.
(A) Buckingham AAF (Fort Myers, Fla) (A)	10 E;riv SW	25	54h	CLOSED.
Chapman (Miami, Fla)	11.5 SSW	3	40 S6	80,91 oct. No sto. Pwr line W. RR W
Clewiston (Fla)	1.6 SW;RR N	19	30 S6	80 oct. P-line N,E,S, W.
(N) Forman OLF (Fort Lauderdale, Fla)(N)	6.5 WSW	7	32h	INACTIVE.
Fort Lauderdale (Fla)	5.3 NNW	14	40h	Trees sur fld. →
(N) Fort Lauderdale NAS (Fla) (N)	3.5 SSW;RR W	10	50h S1	100 oct. Fld avail. week-days prior req
FORT MYERS Range (Fla) (Page)	341(FM)(116.1)	38°,3.6	SBRAZ-DTV	(4); 116.1
Homestead, mun. (Fla)	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Airfield (Fla) (A)	1.3 ENE;RR W	20	50h	CLOSED.
★ Immokalee Int, 13, TM-MM (Fla)	5.25 SE;RR SW	23	38 L2	
KEY WEST Range (Fla)	332(KW)(116.1)	70°,5.8	SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower (Fla)	396 (142.74)		CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane) Tower (Fla) (NC)	272 (142.74)		CN	3105;142.74 (prior req.)
(N) Key West NAS (Fla)(N)	7 ENE	5	70h L5 S4	91,100 oct.No sto.
Lake Worth (Fla)	2 W;hwy N	12	28 S1	80 oct.
MacArthur (Hollywood, Fla)	1 SW;RR E	12	28h S4	80,91 oct. No sto. Trees SE.
Marathon (Fla)	1.8 ENE;hwy S	6	100h	
MASTER OLF Tower (Fla)	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master OLF (Miami,Fla)	8 NNW;RR W	9	74h L5	Pwr line SE. (N)
[Meadham] (Key West,Fla)	2.3 E;ocean S	4	40h S1	80,91 oct. ARPT OF ENTRY.
MIAMI Range (Fla) (International)	365(MM)(116.1)	270°,2.3	SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL Tower (Fla)	278 (126.18, 118.5)		AC	(4); 122.5,126.18,118.5
(A) [Miami International - AAF] (Fla)	5.5 NW;RR S	9	74h L5 S6	91,100 oct. JP-1. FEE 2-way rdo rqrd. ARPT OF ENTRY.
Miami Aviation Center (Miami, Fla)	7.5 NNE;bay E	8	25h S6	80,91 oct. No sto.
(N) Miami NAS (Fla) (N)	10.7 NW;canal N	9	60h L5 S6	91,100 oct. No sto.
(N) Miami OLF (Fla) (N)	7.9 NNW;RR E	91	36h	

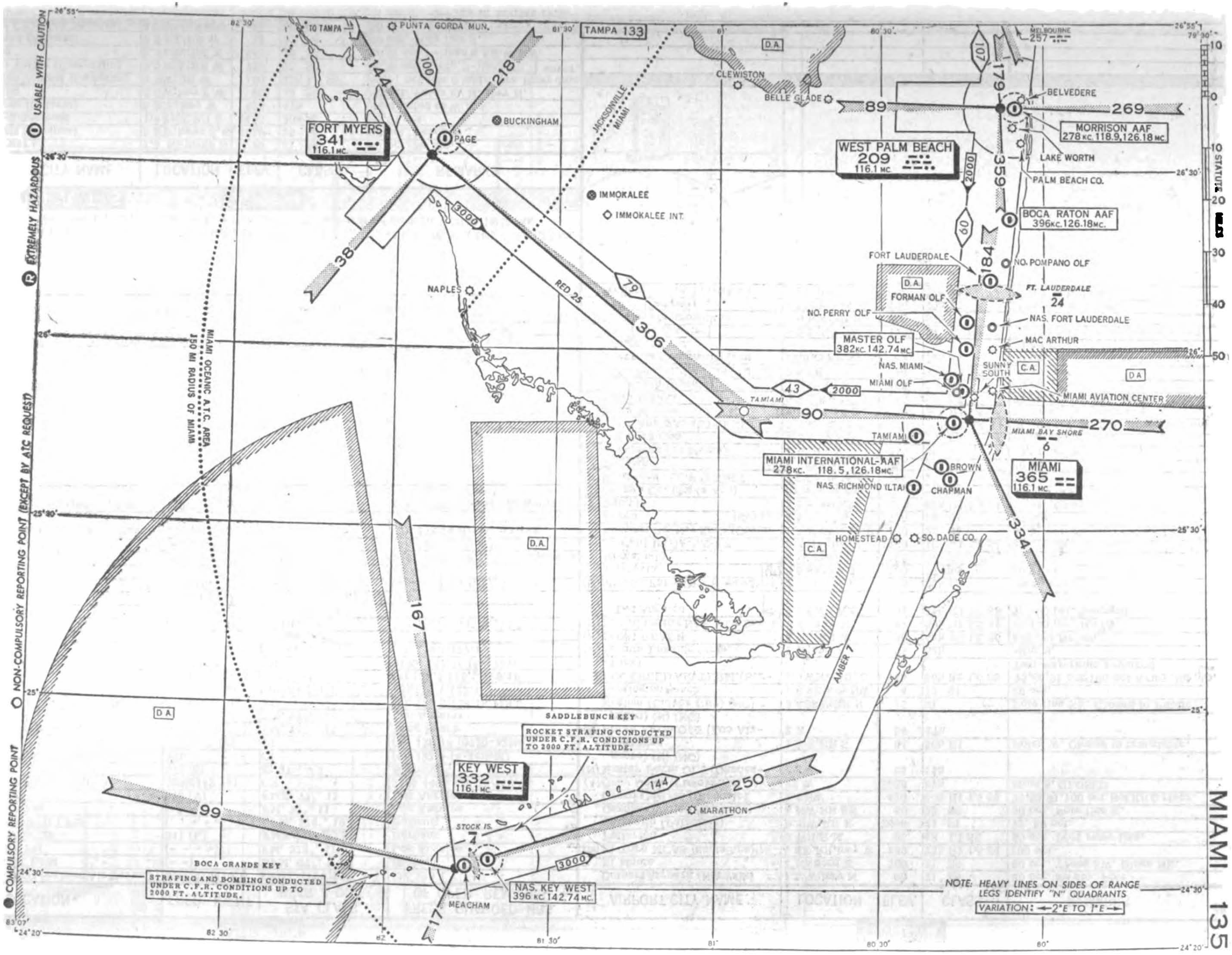
FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
MORRISON Tower (Fla)	278 (126.18, 118.9)+		C (ILS)	(4);118.9,126.18,122.5
(A) Morrison (West Palm Beach, Fla) (A)	2 W;canal S	15	70h L5 S5	73-100 oct. FOREIGN CLEARING STN.
Naples (Fla)	2 NE;RRs E, W	8	50h	
(N) North Perry OLF (Hollywood,Fla)(N)	6.3 W	9	32h	CLOSED.
(N) North Pompano OLF (Pompano, Fla)(N)	1.5 NE;RR W	21	40h	CLOSED.
(P) [Page] (Ft. Myers,Fla)	4 S;RR SE	18	51h L5 S6	80,91 oct. Ground traffic.
Palm Beach County Park (Lantana, Fla)	2 WNW;lake N, E	16	35h L5 S6	91 oct. Fld lgts on prior req.after 2300
Punta Gorda, mun. (Fla)	3 SSE;hwy E	4	24	
(N) Richmond NAS (LTA)(Fla)	15 SW Miami	13	20h	INACTIVE. (N)
(P) Riddle (Clewiston,Fla)	7.6 W;hwy N			ABANDONED.
(P) South Dade County (Homestead, Fla)	5 E	8	60h L5 S6	87,91 oct. No sto.
Sunny South (Miami,Fla)	6 N;hwy N	12	40 S6	80,91 oct. No sto. Rnwy data unver.
Tamiami (Miami, Fla)	12 W		35h S4	80,91 oct. No sto. Data unver.
WEST PALM BEACH Range (Fla) (Morrison)	209 (DWZ) (116.1)	89°,2.4	BMRAZ-DTV	(3); 116.1, 122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MORRISON (A)	110.3	335	90°	IM-	MM- ·····(0.61)	OM- ——(4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page iv)
→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
MIAMI OCEANIC A.T.C. AREA 350 MI RADIUS OF MIAMI
TO TAMPA
PUNTA GORDA MUN.
TAMPA 133
FORT MYERS 341 116.1 MC.
PAGE
BUCKINGHAM
JACKSONVILLE MIAMI
IMMOKALEE
IMMOKALEE INT.
NAPLES
RED 25
CLEWISTON
BELLE GLADE
D.A.
MELBOURNE 257
BELVEDERE
MORRISON AAF 278 KC. 118.9, 126.18 MC.
LAKE WORTH
PALM BEACH CO.
WEST PALM BEACH 209 116.1 MC.
BOCA RATON AAF 396 KC. 126.18 MC.
FORT LAUDERDALE
NO. POMPANO OLF
FT. LAUDERDALE 24
FORMAN OLF
NO. PERRY OLF
NAS. FORT LAUDERDALE
MAC ARTHUR
MASTER OLF 382 KC. 142.74 MC.
NAS. MIAMI
MIAMI OLF
SUNNY SOUTH
C.A.
MIAMI AVIATION CENTER
TAMIAMI
MIAMI BAY SHORE 6
MIAMI INTERNATIONAL-AAF 278 KC. 118.5, 126.18 MC.
BROWN
CHAPMAN
NAS. RICHMOND (LTA)
MIAMI 365 116.1 MC.
HOMESTEAD
SO. DADE CO.
AMBER 1
SADDLEBUNCH KEY
ROCKET STRAFING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 2000 FT. ALTITUDE.
KEY WEST 332 116.1 MC.
STOCK IS.
MARATHON
BOCA GRANDE KEY
STRAFING AND BOMBING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 2000 FT. ALTITUDE.
MEACHAM
NAS. KEY WEST 396 KC. 142.74 MC.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
144
100
218
38
3000
79
306
43
2000
90
270
89
269
107
179
359
2000
60
184
24
99
144
250
3000
167
17
334
26°55'
26°30'
26°
25°30'
25°
24°30'
24°20'
83°07'
82°30'
82°
81°30'
81°
80°30'
80°
79°30'
STATUTE
10
0
10
20
30
40
50

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMK;276°,10.5	Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMK; 77°, 11	Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN	3105,4495;126.18,142.74
GLENDALE	371 (S)	K; 97°, 7.3	Burbank
GRAND CENTRAL (Glendale)	201	CI	(4); 122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CI	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV	(3);116.1,122.1
Long Beach Airport	347(126.18,118.5	AC; 298°, 3.9	(4);122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach	317(142.74)	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV :244°,3.8	(3); 116.1,122.1
Los Angeles Airport	272(126.18,118.9)	AC(ILS-W)	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR; 88°, 2.0	
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV;317°,0.1	(4); 116.1
ONTARIO AIRPORT	219(126.18,116.1)	CI	(4);126.18,116.1,122.5 (8-18)
SANTA ANA (Navy)	472(NTK)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req
SANTA MONICA AIRPORT	353(126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	(3); 142.74 (flying hours)
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (8-1530 Mon-Fri. except holidays)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)						
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOS ANGELES,	109.9	333.8	247°	IM- I	MM-	OM- (2.45)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

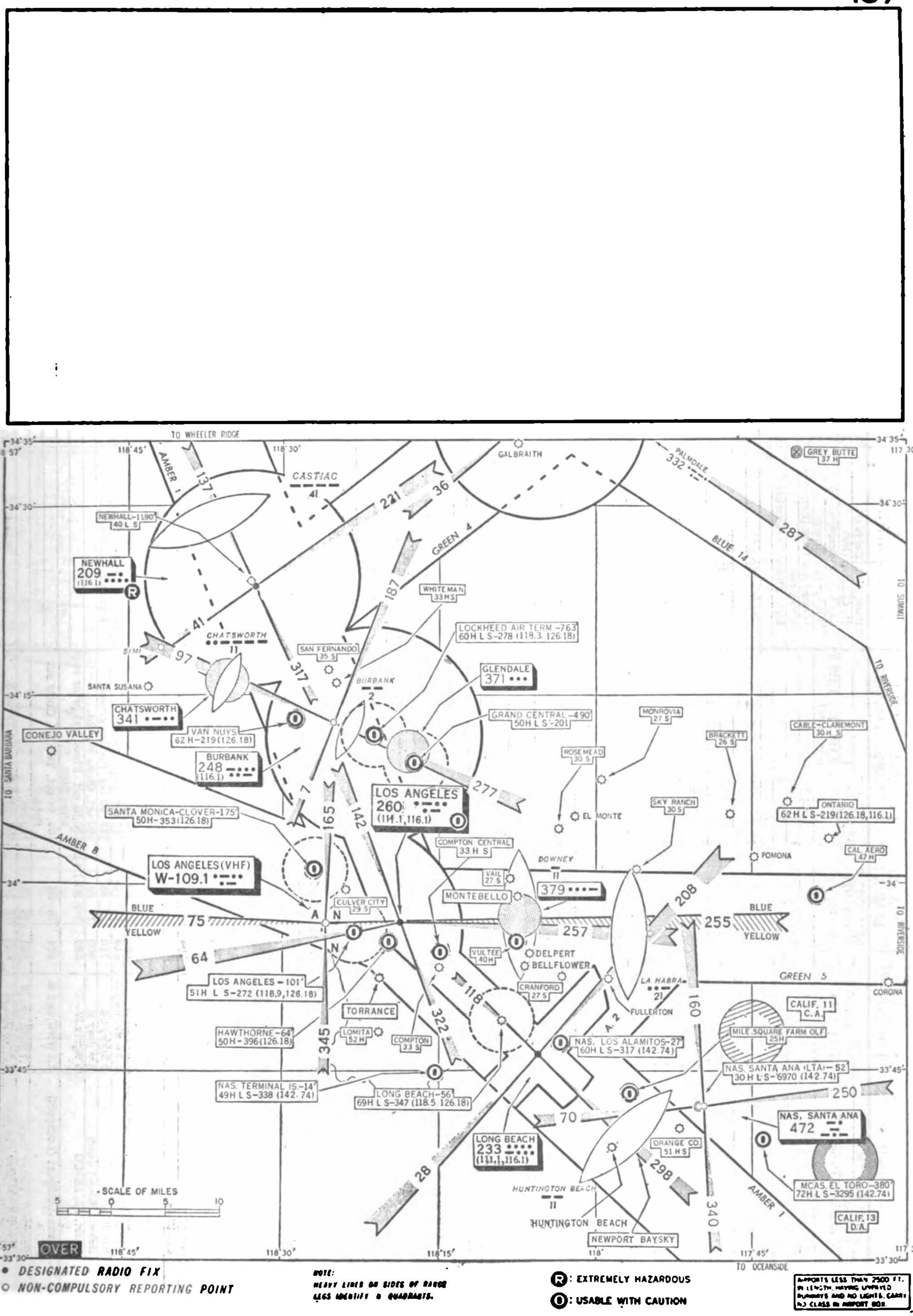
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys S,E	1010	26 S6	80 oct. Fence W.,
Cable-Claremont	1.8 ENE;RR E	1400	30h S4	80,91 oct.
Cal Aero (Ontario)	5 SSE;hwy W	625	47h	Restricted to W.A.A.
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct.Rdo & instr rprs.Rnwy data unver.
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct.No sto.P-lines NE.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct.P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	21 S6	80 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana)(N)	5 SE,RR,hwy W	380	72h R1 L5 S4	100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct.Bet RR & river.
(A) Grey Butte (Victorville)(A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54	17h	
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. Closed to Public.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(NG) LOCKHEED AIR TERM. (Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91 oct;100 oct Army. No sto. Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	100 oct.No sto.
(N) Los Alamitos NAS(Long Beach)	6 E: hwy N	27	60h R1 L5 S4	80,100 oct. NATS
(P) Los Angeles (N)	9.5 SW;RR E	101	51h R3 L6 S6	91,100 oct. Rdo rqrd..
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
Monrovia (N)	0.5 SE;RR S	500	27 S6	80,91 oct.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int,3A,LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
(P) Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	45	51h S6	80-100 oct.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;riv S	775	20 S6	80 oct.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. No sto.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	52	30h R2 L4 S4	91,100 oct. No sto. Rnwy data unver.
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No bcn. Lgts prior req.
Santa Susana	0.5 S;RR N	955	19 S6	73 oct.No sto.Pwrline W.
Sky Ranch (Puente)	1.3 E;RR S	402	30 S4	80 oct. No sto.
(N) Terminal Isl.NAS(San Pedro)(N)	2 ENE	14	49h R1 L6 S4	80,100 oct
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5-E;RR SW	175	27 L S6	80,91 oct.Port rnwy lgts.Rdo rprs.
(NG) Van Nuys Metropolitan	2.8 NW;RR N	800	62h R1	
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW.RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct.Pole line NNW,NE,SW.

NEW AIRPORTS



- DESIGNATED RADIO FIX
- NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY 8 QUADRANTS.

(R): EXTREMELY HAZARDOUS

(O): USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS III AIRPORT BOX.

RADIO

ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
CHICAGO	350(CG)(116.1)	SBRAZ-DTXV;152°2.2	(3); 116.1
→ Chicago Airport	278 (126.18, 118.7,118.1)	AC (ILS-W)	(4);126.18,118.7,118.1,122.5 (GCA test basis)
Chicago-Orchard	396 (126.18)	C	(4); 126.18
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
→ FRANKLIN PARK	219 (L)	K;312°,5.8	Chicago
HARVEY (Rubinkam)	385 (GH)	MLWZ; 90°, 2.2	
JOLIET	257(JO)(116.1)	SBRAZ-DTV; 126°,3.7	(4); 116.1
INDIANA			
McCOOL (Int.)	359 (ML)	MHW	Oper. cont.
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen
OHIO			
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV;100°0.7	(3); 116.1
Cleveland Airport	278 (126.18,118.3)	AC(ILS-W)	(4); 118.3,126.18,122.5
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
ELYRIA	219 (S)	FMK, 280°, 10.9	Cleveland
NORTH ROYALTON LFM	(- -)	LFM, 145°, 10.8	Cleveland
VERMILION FM	(. . - - -)	FM, 280°, 26	Cleveland
VIRGINIA			
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk NAS East Field
LANGLEY FIELD (Army)	221 (DLY)(116.1)	SBMRAPZ-DTV	(3); 116.1
Langley Field	278(126.18, 116.1)+	CA(GCA);102°,3.8	(4); 126.18
NORFOLK	239(NW)(116.1)	SBMRLZ-DTV	(3); 116.1
Norfolk Airport	269(126.18,118.3)	AC; 44°, 3.3	(4); 122.5; 126.18, 118.3
Norfolk (Navy)	356 (NGU)	BMRLZ	
Norfolk NAS (East Field)	323 (142.74)	CN(GCA);276°, 2.9	(3); 142.74
Norfolk NAS (Seaplane)	2870	CN	2870 (7-17 and on req.)
OCEANA NAAS	3295 (142.74)	CN	3105,4495;142.74 (745-1830)
NEW RADIO FACILITIES			
Cleveland Airport, Ohio	278		MLW

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
→ CHICAGO	109.9	333.8	132°	IM-		MM-	OM- -- (1.89)
						MMK- 201 ••• (0.71)	OMK-
CLEVELAND	109.9		54°	IM- •••••• (0.06)		MM-	OM- -- (4.75)
						MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

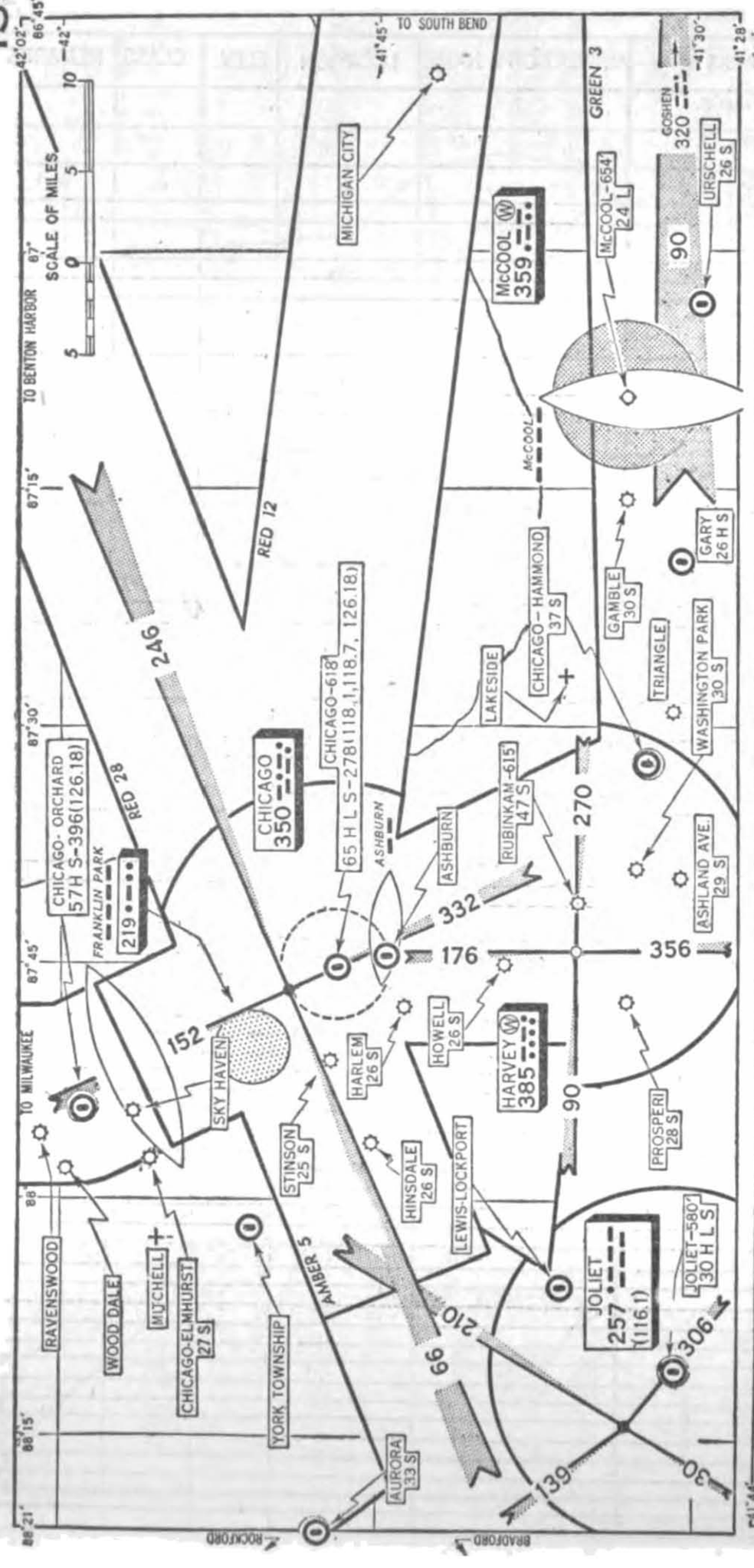
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ashburn (Chicago)	12 SW;hwy W	620	16 S4	73,80 oct. Unsafe after rain.
Ashland Avenue (Chicago Hgts)	1.5 NW;hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora	3 NNW	701	33 S4	80 oct. Twr NE; stack SE.
CHICAGO	9 SW of loop	618	65h R3 L6 S6	73,80,91 oct. FEE.
Chicago-Elmhurst(Elmhurst)	2.5 N; hwy SW	707	27 S6	80,91 oct. Poles S, E.
(A) Chicago-Orchard	16 NW;RR W	657	57h R1 L5 S6	73,91,100 oct. JP-1.
(P) Chicago-Hammond (Lansing)	1.5 S;RR N	660	37 L1 S6	73,80 oct. Obsts sur. fld.
Harlem (Oaklawn)	2.2WNW;hwy W	619	26 S6	80 oct. Pole line E.
Hinsdale	3 S;hwy SE	710	26 S6	73, 80 oct. Rolling ground
Howell (Blue Island)	3 W;hwy E	600	26 S4	80 oct. Obsts sur fld.
Joliet, 22, LS-CG	5 W;riv W	580	30h R1 L4 S4	80,91 oct. Flood lgts prior req. after 2400.
Lewis-Lockport (Lockport)	2.2WNW;hwy E	664	26 S6	80, 91 oct. Twr SE. Obsts sur field.
Prosperi (Tinley Park)	1.7 SSW;hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW;RR N	650	18 S6	80 oct. Allway fld. Trees S

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

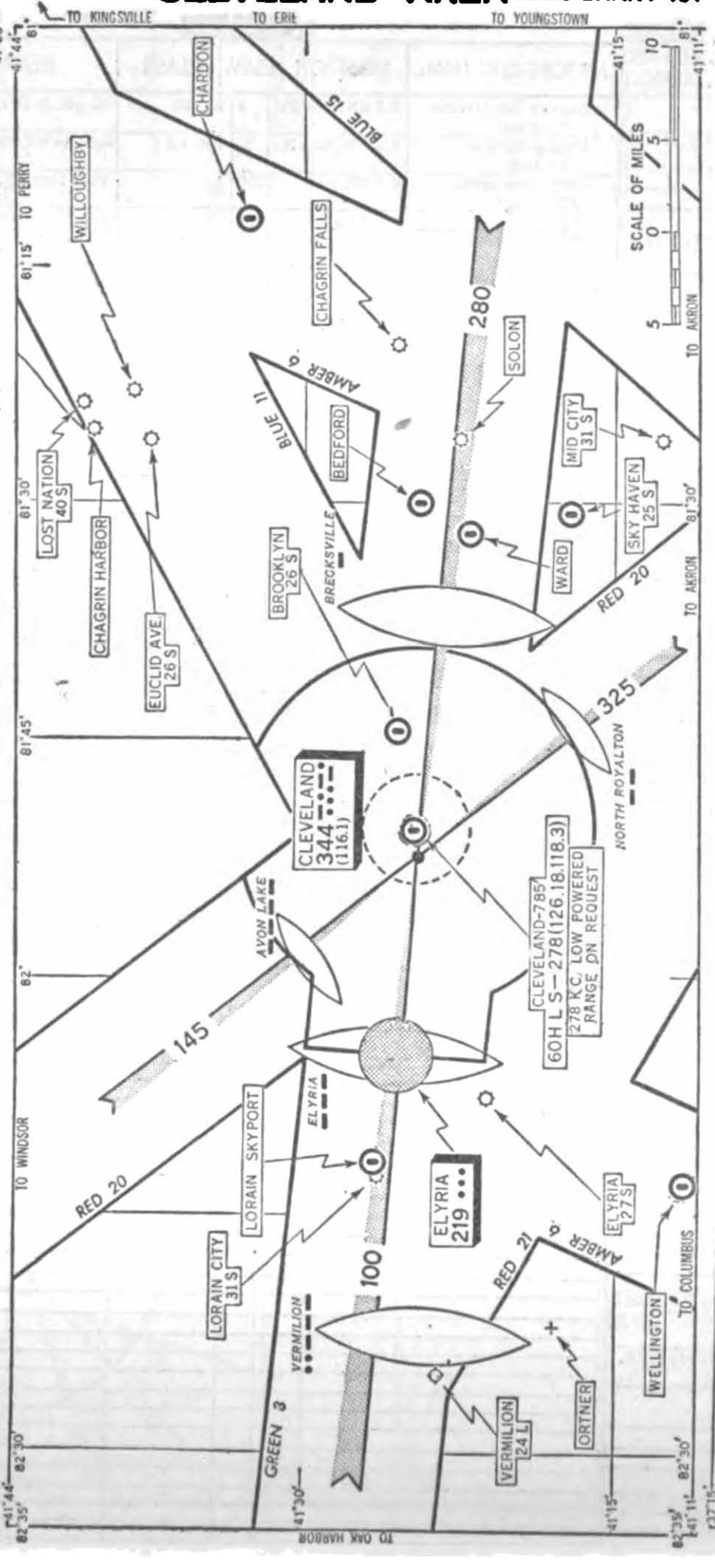
ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Rubinkam (Harvey)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct. Use W part only.
St. Charles (NC)	3.5 E;RR E,S	760	18h	Pole line N.
Sky Haven (Bensenville)	1.5 SE;RR W,N	650	23 S4	80,91 oct. Use strips only.
Stinson (La Grange)	2 SE;hwy SE	644	25 S6	80,91 oct. Pole line S,W.
(P) Washington Park (Homewood)	1.5 SE;hwy E	625	30 S6	80,91 oct. Allway area
Wooddale	1.5 N	711	30 S5	80 oct. Woods SSW; pole line W.
York Township (Lombard)	2 SSW;hwy N	726	20 S6	80 oct. Use strips. Pole line N,E.
INDIANA				
Gamble (Hobart)	1.8 NNW;hwy S	650	25 S6	80,91oct. P-line NE,E.
Gary	6 S;hwy W	610	23 S6	80,91 oct. P-line E,SE,S,SW,W.
Lakeside (Gary)	7.5 W		35 S4	73,80 oct. Data unver.
★ McCool Int, 3, CG-LG	2 SW; hwy S	654	24 L3	
Michigan City	4 E; RR N	650	24 S1	80,91 oct. Pole line E,S,W.
Triangle (Dyer)	1.5 NE;RR E	630	33 S2	80,91 oct. Pole line S,SE. Bldg W.
Urschell (Valparaiso)	1.7 NNE;hwy E	766	26 S2	80 oct. Pole line N.
OHIO				
Bedford	2 NE;hwy W	1060	17 S2	73 oct.
Brooklyn (Cleveland)	5.5 SW;RR S	780	26 S2	73 oct.
Chagrin Falls	3 E;hwy SW	1220	23 S4	80 oct. Pole line N.
Chagrin Harbor (Willoughby)	2.5 NNW	620	22 S6	80 oct. Pole line W.
Chardon	2.8 S	1230	22 S1	80 oct. Pole lines sur fld.
(A) CLEVELAND	8.5 SW;riv W	785	60h R3 L6 S6	80,73,91,100 oct. JP-1. FEE.ARPT OF ENTRY.
Elyria	1.6 SSW;RR NW	745	27 S4	80 oct. Poles SSE, S.
Euclid Ave. (Willoughby)	1.5 WSW;RR N	640	26 S6	80,91 oct. Pole line S,hi-line N.
Lorain City (Lorain)	2.1 SW;RR N	610	31 S4	80 oct. Pole line NE,SE. No sto.
Lorain Skyport (Lorain)	2.8 SW;hwy W	610	29 S4	80,91 oct. Pole line S,SE.Rnwy data unver.
Lost Nation (Willoughby)	3 N;lake NW	626	40 S6	80,91 oct. Obsts sur fld.Rnwy data unver.
→ Mather (Cleveland)	5 SW;RR S			ABANDONED
Mid City (Hudson)	2 S;RR S	1080	31 S4	80 oct. Poles W,NW.
Ortner (Wakeman)	4 NNE;RR S		26 S1	73 oct. Data unver.
Sky Haven (Northfield)	2.5 SSE;RR NE	1040	25 S4	73,80 oct. No sto. Pwr line W,S.
Solon	1.1 SSE;RR NE	1034	24 S6	73,80 oct. Pole line W, SE.
★ Vermilion Int, 28, CG-LG	3.7 SW;RR SE	610	24 L3	
Ward (Bedford)	1.5 S;RR E	980	20 S6	80 oct.
Willoughby	1.2 E;RR NW	700	22 S6	80 oct. Pole line sur fld.
VIRGINIA				
Cumberland (Portsmouth)	7.5 SSW		28 S4	80 oct. Data unver.
(N) Fentress NAAS (N)	2.5 ESE;hwy N	16	25h	CLOSED.
(P) Franklin	1.7 NE	38	30h	
Garner's (Windsor)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk)(NC)	4.5 E;RR S	18	24	Twrs, pole line SW.
(A) Langley Field (A)	3 N Hampton	10	70h R2 L5 S6	73,91,100 oct. JP-1.
(N) Monogram NAAS (Drivers)	2.8 W;riv W	21	45	INACTIVE. (N)
NORFOLK	5 ENE;RR SE	22	50h R2 L5 S4	80,91 oct.
(N) Norfolk NAS (Chambers)(N)	7 N;rd N	13	26h	CLOSED. Use East Field
(N) Norfolk NAS (East Field)(N)	6 N; RR SW	15	43h R2 L5 S6	91,100 oct. NATS.
(N) Oceana NAAS (N)	1 SW;RR N	20	60h R1 L5 S4	91,100 oct. No bcn.
Peninsula (Hampton)	2 WSW;RR N	12	26 S4	80 oct.
Pungo	0.8 NE	15	25h	
South Norfolk (Norfolk)	6 SSE		36 S4	Fuel. No sto. Data unver.
(P) Suffolk	3.8 SSW;RR E	66	50h	
Virginia Beach	4.5 W;RR,hwy N	15	42 S4	80,91 oct. Pole line N. Data unver.
Waverly	2.5 NW;RR SW	115	17 S2	80 oct. Trees,brush sur fld.
NEW AIRPORTS				
Mitchell (Lombard,Ill.)	2.8 NNW	710	24	Data unverified.

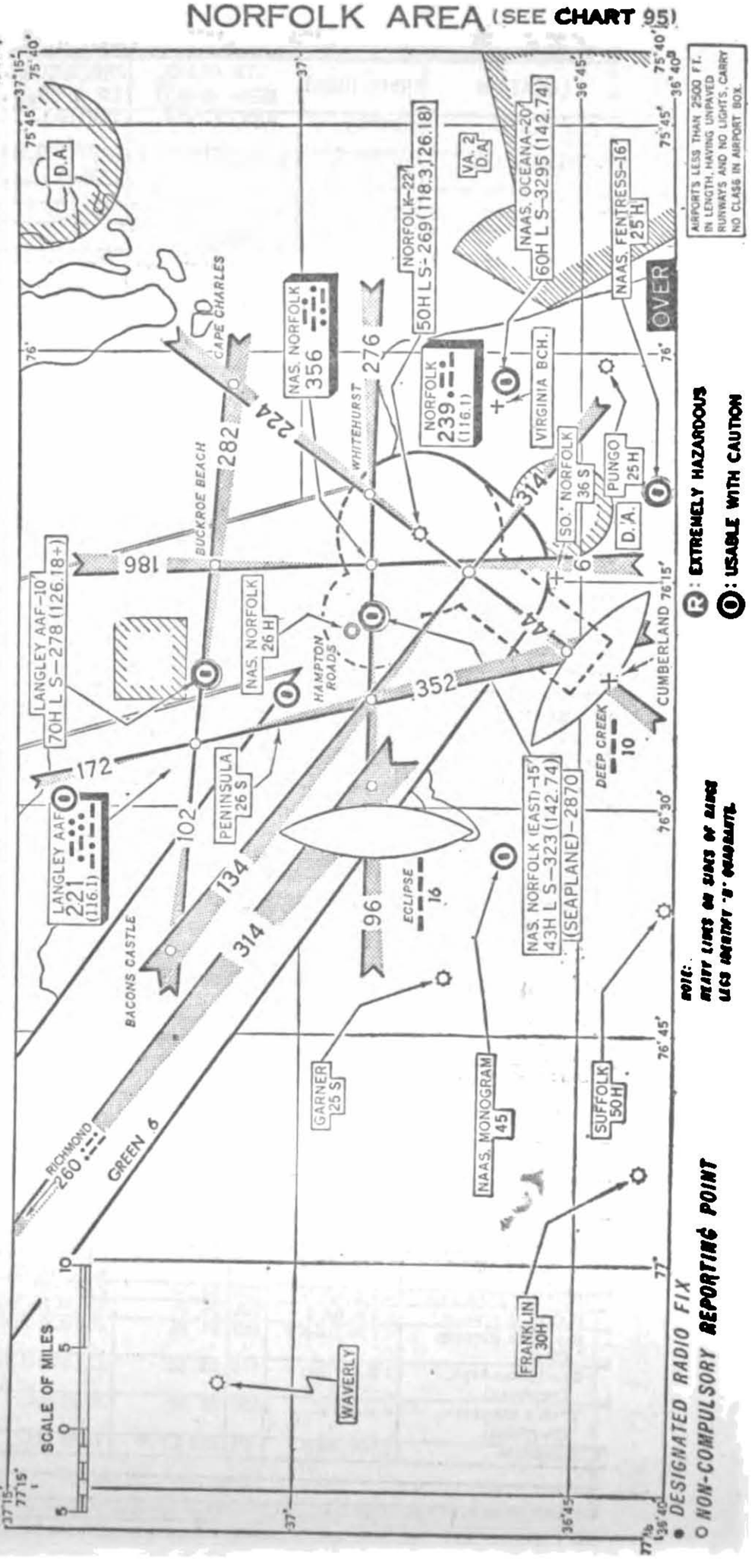
CHICAGO AREA (SEE CHART 41)



CLEVELAND AREA (SEE CHART 45)



NORFOLK AREA (SEE CHART 95)



RADIO — OREGON

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS. OF OPER., REMARKS
PORTLAND	332(PD)(vhf)	SBRAZ-DTV	(3);116.1,122.1
Portland AAB	278 (126.18, 118.3)+	AC(ILS);171°,3.1	(4); 142.74,122.5,118.3, 126.18
WILLAMETTE FM	(- -)	FM,176°,20.6	Portland

WASHINGTON

BOEING AIRPORT (Seattle)	278 (126.18, 118.3)	AC;296°,2.8	(4);118.3,126.18,140.1 122.5
HOBART FM	(- -)	FM;88°, 15	Seattle
LAKEVIEW FM	(- - -)	FM;175°,25.5	Seattle
McCHORD (Tacoma) (Army)	272 (DTA)	BMRL;26°,1.7	
McChord Field	396 (126.18)+	CA(ILS-W)	(3); 116.1, 126.18
SEATTLE (Boeing Arpt)	260(SA)(116.1)	SBRAZ-DTXV	(3);116.1,122.1
SEATTLE NAS(Navy)	532 (WN)	MH	(4) cont.
Seattle NAS	230 (142.74)	CN(GCA)	(3);142.74 (8-sunset)
WASHOUGAL FM	(-)	FM, 63°,17.5	Portland,Ore.
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.

NEW RADIO FACILITIES

LA CENTER,WASH (FM)	(- - - -)	FM; 33°, 12	Portland,Oreg.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
McCHORD, (A)	109.9	333.8	337°	IM- (0.24)	MM- ••••• (0.95)	OM- — — (4.44)
					MMK-	OMK-
PORT-LAND AAB	109.9 •— ••	333.8	113°	IM-	MM- •— •— (0.52)	OM- — — (4.81
					MMK-	OMK-219 ••••

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Aurora Flight Strip	1.6 NNW,hwy W	196	41h	
Barrett-Schuler (Woodburn)	2.8 WNW,RR E	200	29 S1	73 oct.Pwr line NNE.
Bernard(Beaverton)	1.4 NNW,RR S	208	18 S6	80,90 oct.
Canby	0.5 NNW	150	17 S1	80 oct.Pwr line NE,SW
Columbia Co.(Scappoose)	1.2 NE,RR W	55	40h L S6	80 oct.Port rnwy lgts. Pole line N, NW.
Dwyer Landing Field (Portland)	7 SE,RR NW	200	16	Obsts ENE,WSW.Ditch around strip
Green Acres(Mulino)	1.9 SSW,RR W	269	18 S4	73,80 oct.No sto.Obst
Hillsboro	2.4 ENE,RR S	200	41h L5 S6	73,80 oct.No sto. SSE.
(A,N) PORTLAND AAB (A)	5 NNE,riv N	19	55h R3 L6	CLOSED.Poleline W, lgtd NATS.
Portland Birdsdale	8.5 E,RR N	220	23 S6	80,91 oct.
R.O.K. (Gresham)	2.2 W,RR S	285	26 S5	73 oct.No sto.Pwr line E
Sky Park (Oregon City)	2.7 SE,RR NW	440	27 S6	80 oct.P-line S. ENE.
Sportsman Arpk. (Newberg)	1 E,riv SW; RR N	173	23 S2	Ltd 80 oct.Trees NNE.
Troh's Skyport (Portland)	6 E,riv N	250	26 S6	80,91 oct.
Troutdale	1 NW,RR S	34	46h L3 S6	73,80 oct.

AIRPORTS — WASHINGTON

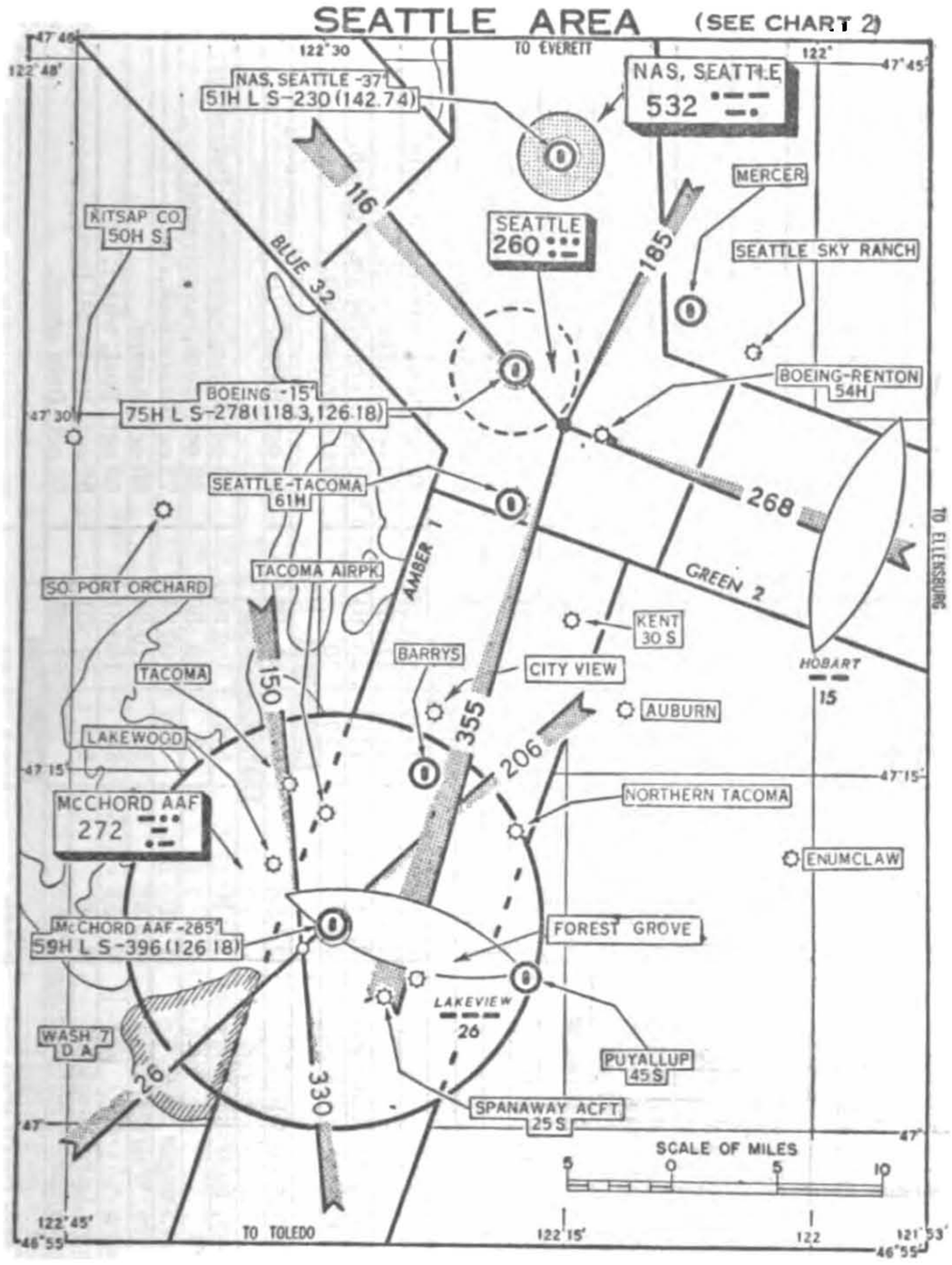
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Barrys Sky Harbor (Tacoma)	2.3 ENE,riv SW	4	21 S3	80 oct.Pole line E.
Boeing-Renton (Renton)	0.9 NW,lake N	32	54h L5	Lgts prior req.
City View Arpk. (Tacoma)	4.5 NE	350	18	Pole line SW.
Enumclaw	1.5 WSW,hwy E	740	20 S2	Ltd 80 oct.Pwr line E.
Forrest Grove (Spanaway)	1.8 E,RR E	340	30 S6	80 oct.
Groves (Camas)	2.8 N,hwy E	350	16 S1	Ltd 80 oct. Lake SW.
Kent	1.5 SSW,riv N	30	30 S6	80 oct.
(P)KING CO.-BOEING (Seattle)	See Boeing under "New Airports" - name changed.			
Kitsap Co.(Bremerton)	8 SW,hwy NW	482	50h L5 S6	80,91 oct.No sto.Lgts on req.
Lakewood (Tacoma)	7.5 SSW,RR E	243	22 S1	80 oct.Trees ENE,WSW
(A)McChord (Tacoma) (A)	7 SSW,lake SE	285	59h R3 L5 S6	73,91,100 oct.JP-1. FOREIGN CLEAR.STN
Mercer (Seattle)	9.5 E	345	22h S6	80,91 oct.Tie-down sto.
Northern Tacoma (Puyallup)	1.3 N,RR N,S	20	19	Rdo repairs.Rnwy data unver.
Puyallup	6 S,hwy W	520	45 S6	80,91 oct.Rnwy data unver.
R.C. Sugg (Orchards)	3.6 SSE,hwy S 6.8 E Vancouver	310	26 S6	80 oct.
Seattle Sky Ranch (Issaquah)	1.6 NNW,hwy S	50	25 S6	80,91 oct.No sto.Hill S.
(N)Seattle NAS (N)	6.5 NNE,lake E	37	51h R1(L6)S6	91,100 oct. NATS
Seattle-Tacoma (Seattle)	10.5 S,RR E	405	61h	Trees and hills sur.fld.
South Port Orchard (Port Orchard)	7.5 SSW,lake S	350	19 S4	80 oct.No sto.Trees N, S.
Spanaway Aircraft Co.(Spanaway)	1.2 SSE,RR S	375	25 S6	80,100 oct. P-line S.
Tacoma	4.4 W,hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk. (Tacoma)	2.9 WSW,RR E	250	20 S4	80 oct.Sharp drop W edge fld.
Vancouver	1 SE	26	19 S6	Ltd 80 oct.No sto.
Vancouver, mun.	6.7 ENE	240	26 S1	80,91 oct. Hwy W.

NEW AIRPORTS

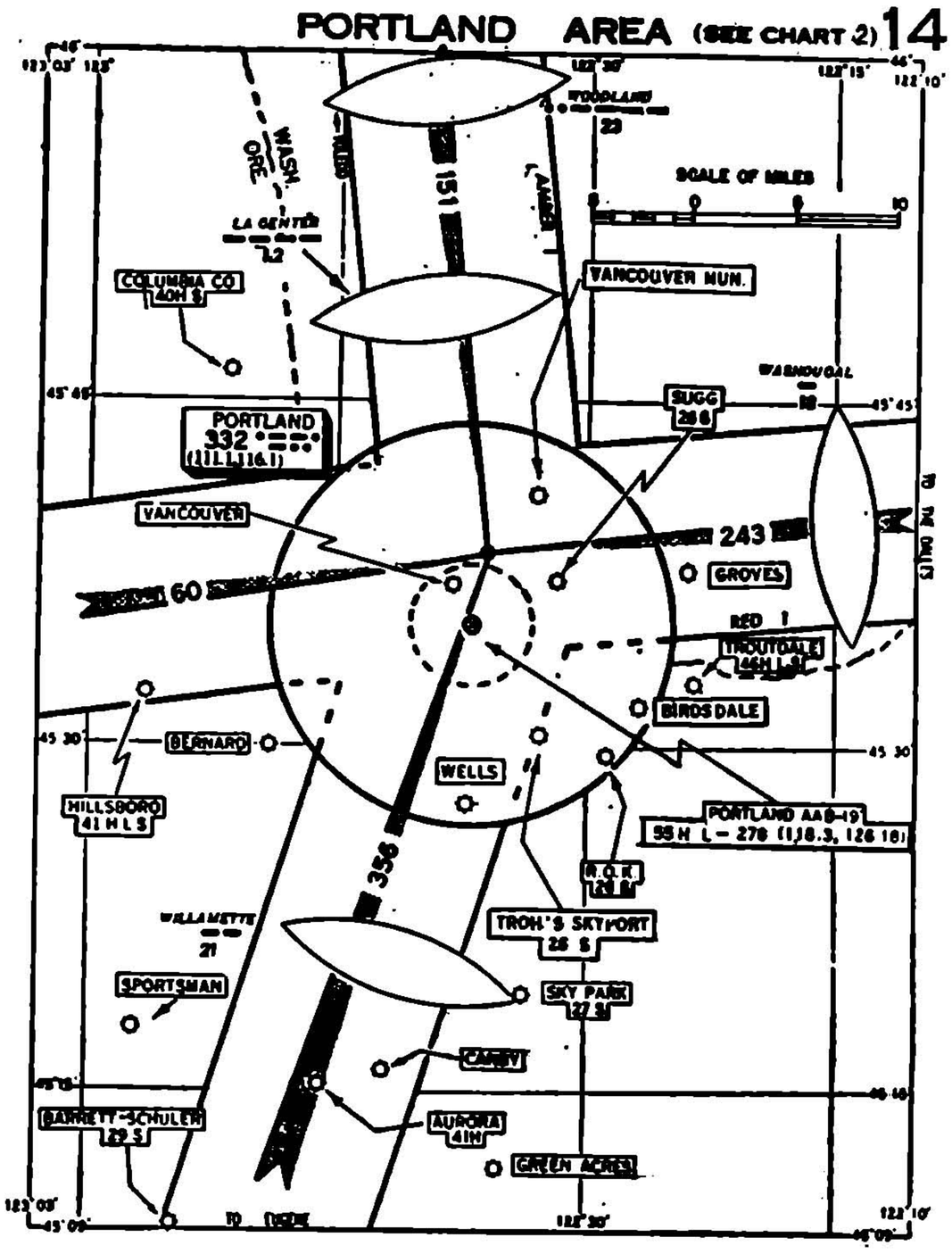
Wells (Milwaukie, Ore.)	1.3 NE; RR W	158	17 S1	80 oct.
(P) BOEING (Seattle,Wash.)	6 S;riv SW	15	75h R2 L5 S6	80-100 oct.No sto. ARPT OF ENTRY.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA

SEATTLE AREA (SEE CHART 2)



PORTLAND AREA (SEE CHART 2)



Directory of Seaplane Bases and Anchorages

CITY — AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
		CALIFORNIA		
(N) Alameda NAS (N)	4.5 WNW	S.L.	211 R1 L5 S6	73,91,100 oct. Ramp, tractor.
Lakeport, Clear Lake	E of Lakeport	1325	Unl	Buoy
Oakland	6 S	S.L.	S4	Ramp;beach;haul-out.Data unver.
(N) San Diego NAS (N)	4.5 WSW	S.L.	106 R1 L S6	87,100 oct. Ramps;haul-out.
(CG) San Francisco CGAS (CG)	9 SSE	S.L.	132 L5 S6	91,100 oct. Ramps; all facs.
(N) San Pedro NAS (N)	2 ENE	S.L.	Unl. L1 S4	73-100 oct. Ramps; all facs.
		CONNECTICUT		
Connecticut Valley (Windsor Locks)	2.5 S		158 S4	80 oct. Hi-tension wires N. Closed winter. Data unver.
Cromwell	0.8 S;hwy W		90 S4	80 oct.Float;ramp.Data unver.
Greenwich	0.8 S	S.L.	Unl	PRIVATE.Ramp. Congested harbor.
Stratford, United Acft. Corp.	2 SW	6	53	PRIVATE. Ramp.
Westport	2 S	S.L.	40 S6	80 oct. Float; marine railway.
FOR DISTRICT OF COLUMBIA SEE PAGE 145		FLORIDA		
Avon Park, Lake Lotela	2 SE;RR SW	100	66 S1	80 oct. Beach.
(N) Banana River NAS (N)	11 SE Cocoa	S.L.	116 L S6	87,98 oct. Ramps; all facs.
Bradenton	Adj N	1	Unl S1	73 oct.;80 oct. on req.Ramp;float.
Clarcona, Hidden Acres	1.5 WNW	90	30 S6	80 oct. Data unver.
Daytona Beach, Bob Orrell	2 N	S.L.	264 S4	Ramp; float.
Daytona Beach, Raymond's	1.5 N	S.L.	Unl S6	80 oct.;91 oct req.Ramps;piers,boat
Fort Myers, Gulf Airways	2 N	S.L.	Unl S4	80 oct.Ramp;all facs. Data unver
(N) Jacksonville NAS (N)	7.2 S	S.L.	Unl R1 L5 S4	91,100 oct. Ramps; all facs.
Jacksonville, Riverside	Adj city	7	Unl S1	80 oct. Beach. Data unver.
(N) Key West NAS (N)	7 ENE	S.L.	130 R1 L S6	91,100 oct.Ramps;buoys.
Lakeland, Mun.	Adj NE	145	Unl S1	80 oct. Data unver.
Lake Worth, Mun.	Adj city	S.L.	100 S6	80 oct.Ramp;beach.Obsts E. Data unver.
Leesburg, Hal Hoover's	1 N	15	Unl S1	80 oct.Ramp;beach;dock.Data unver.
Melbourne	Adj S	S.L.	Unl S1	80 oct. Float.
Miami, Chalk's	2 E;causeway N	S.L.	Unl S4	80 oct.Beach;ramps;winch.ARPT OF ENTRY. ARPT OF ENTRY
(CG) Miami, Dinner Key CGAS (CG)	2.5 SE	S.L.	150 L3 S4	100 oct.Ramps;haul-out.CLOSED.
Miami, E.Coast Avia.Service	8 NNE	S.L.	132 S4	80 oct.Ramps;buoys. Obsts.
Miami, Embry Riddle	2 E;causeway S	S.L.	65 S4	80 oct. Ramps.
Miami, Miami Aviation Ctr.	8.5 N	S.L.	Unl S1	80 oct. Data unver.
Orlando, Davis	3 NNW	90	80 S1	80 oct. Ramp; dock.
Orlando, Orlando Aviation Country Club	5 N	90	60 S1	80 oct. Ramp; beach. Data unver.
Orlando, Raymonds	2.5 WSW on lake	90	60 S6	80 oct. Float.Twr N.Data unver.
(N) Pensacola NAS (N)	5.3 SW	S.L.	116 R1 L1 S6	87-100 oct. Ramps; all facs.
(N) Pensacola, Bronson NAAS (N)	12 WSW	S.L.	Unl	INACTIVE
St. Augustine	Adj SE	S.L.	Unl S1	80 oct. Float;beach;dolly.
St. Petersburg, Albert Whitted	0.75 SE	S.L.	Unl S6	80,91 oct.Data unver.
(CG) St. Petersburg CGAS (CG)	2.5 E	S.L.	Unl L S4	80-100 oct. Ramps.
St. Petersburg, James Johnstone	7 W	S.L.	Unl S6	80 oct.Ramp; all facs.Data unver.
St.Petersburg, Pinellas County	11 NNW	S.L.	Unl S1	80 oct. Data unver.
Tampa, Peter O. Knight	4 S; arpt N	S.L.	Unl S4	80,91 oct. Ramps;beach.All facs.
Titusville	Adj NE	S.L.	Unl S1	73 oct.;80 oct on req. Data unver.
West Palm Beach, Midet	1 N	S.L.	158 S4	80,87 oct.Ramps;all facs.ARPT OF ENTRY.
		ILLINOIS		
Alton, Clifton Terrace	3 W		53 S1	80 oct. Data unver.
		IOWA		
Davenport, Elliot Fly.Service	Adj S	550	50 S1	80 oct.
		LOUISIANA		
Shreveport, Cross Lake	5 NW	170	100 S4	80 oct.dock,ramp. Data unver.
Westwego	1 E	S.L.	53	PRIVATE. May Brothers.
		MAINE		
Bangor, Down East	3 NE		106 S4	80 oct.No sto.Ramp;float;beach. Data unver.
Bath, New Meadows	2.3 WNW;RR S	12	60	Beach. N,S approaches blocked.
Boothbay, Frank L.Sample, Jr.	Adj	S.L.	Unl S1	Ramp; float.
Brunswick, Riverside Arpk.	1 WNW;RR S	60	58 S1	80 oct. Beaching. Hwy S.
Dexter, Heart of Maine	0.5 N	433	40	Buoys; boat. Trees N,S,W.
Eagle Lake	3.8 N	574	70 S1	80 oct. Obsts.
East Holden, Holbrook Pond	1.1 NNE			ABANDONED
Eastport	1 W	S.L.	Unl	Ramp.
Fryeburg	2 E	358	120	Trees encircle lake.
Greenville, Moose Head Lake	0.6 NNW	1028	50 S4	91 oct. Ramp.
Greenville Jct., Squaw Mt.Inn	1.5 N	1028	52	Buoy;boat;beach;float.
Madison, Tomlinson	6.8 NE	330	158 S6	80 oct.Boat;beach;ramp;all facs.
Naples	0.5 NNW	267	160 S1	80 oct. Boat.
Portage, Portage Lake	0.4 WSW	609	160 S4	80,91 oct.Beach;boat.
Shin Pond	0.7 SW	900	60 S1	80 oct.Buoys;beach;wharf.Obst.
Winthrop, Inland Fish & Game	2.7 NNE	212	127 S1	80 oct. Buoys;beach;float.
		MARYLAND		
(N) Annapolis NAF (N)	1 E	S.L.	Unl S2	Ramp; haul-out; buoys.
Baltimore, Middle River	10 E	S.L.	Unl	
Baltimore	6 SE;bay E		100 L1 S1	Ramps.
Glen Burnie-Whipp	1.5 E	50	100 S6	80 oct. Ramp.
(N) Patuxent River NAS (N)	2.9 NE of Jarboesville	S.L.	Unl R1 S4	90,100 oct. Ramps; buoys.
		MASSACHUSETTS		
Agawam	1 SSE	30	100 S6	80 oct. Ramp; all facs.
Beverly, Jubilee Yacht Club	Adj S	S.L.	105 S1	Beach;dock. Avail.May-Oct.
Chatham	Adj W	S.L.	33 S2	Ramp; dolly; buoy.
Fall River	2 E	131	119	Data unver.
Gloucester	0.3 W	S.L.	50 S4	80 oct.No sto.Moorings;float.Data
Holyoke, Smiths Ferry	4.5 N	100	95	Obsts NE,SW. unver.
Lawrence, Merrimac Val'y Skypt	2 E	7	83 S4	No sto.Ramp;float.Data unver.
" Merrimac Valley Skyport	3 W	50	57 S4	Data unver.
Lowell	1 W	95	92 S3	Data unver.
New Bedford	In harbor	S.L.	Unl	Data unver.
(CG) Salem CGAS (CG)	2.5 E	S.L.	150 S4	91,100 oct. Ramps.
South Hadley	1 W	95	100 S4	80 oct. Data unver.
(N) Squantum NAS (N)	0.8 W	S.L.	Unl S4	73-100 oct.Ramps;buoys;haul-out.
Swansea, Swansea Boat Yard	2.5 SSW	S.L.	211	Float;buoys;beach.
		MICHIGAN		
Algonac	2.8 W	574	50 S1	73 oct.
Bay City, James Clements	3.7 S	580	35 S4	80 oct.Data unver.
Comstock Park, Grand River	1 S		50	Data unver.
Curtis, Ostrander's Forest Inn	1 N		Unl S1	80 oct. Moorings. Data unver.
Detroit, Motor Boat	6 ENE	575	Unl S1	Dock. Peach Island S.
Detroit Seapl. Patrol Base Inc.	4 ENE	575	Unl S1	73 oct. Dock. Belle Island S.
Iron Mountain, Lake Antoine	1 NE		Unl.	Beach. Data unver.
Kalamazoo, Austin Lake	8 SSE;RR E	855	100 S4	80 oct.Boat;beach,tractor.
North Muskegon, Interstate	0.3 S	581	100	Ramp; boat, dolly.
Old Mission	Adj E	581	120 S1	80 oct. Beach. Data unver.
St.Clair Shores, Jay Bee	Adj		Unl S1	80 oct.Ramp.Data unver.
Trenton, Hance	5 NNE	574	Unl S1	73,80 oct. Beach; ramps.
Whitmore Lake	1 NNE	894	84 S4	Beach; boat; ramp.
		MINNESOTA		
Bemidji, Moberg	1 NNE	1350	Unl S6	80 oct.Ramp,motor boat,dolly.
Ely	1.5 W	1337	110 S2	80 oct. Ramps; dock.
Little Falls, Scenic Airways	0.5 N	1110	35 S1	80 oct.Ramps;beach. Poles S.
Marcel, Ranier	0.5 E	1300	30	Trees around lake.
		MISSISSIPPI		
(CG) Biloxi CGAS (CG)	2 ESE	S.L.	54 S4	91 oct. Ramp.
		NEW HAMPSHIRE		
Alton Bay, Interstate Airways	Adj N	504	Unl S1	80 oct.Ramp;buoys;wharf.Data unver.
Hooksett	2 S	2	80 S6	80 oct.Beach;ramp;tractor.
Lakeport, Paugus Bay	1 NE	504	100 S4	73 oct:Beach;boat;ramp.
The Weirs, Weirs	0.3 SE	504	210 S4	80 oct. Ramps.
Wolfeboro	0.5 SE	504	180 S1	80 oct. Boat; wharf.
Wolfeboro, Lakes Region	2.7 W	504	60 S1	80 oct. Ramp; all facs.
Worfeboro, Lake Winnepesaukee	3 WSW		60 S1	80 oct. Data unver.
		NEW JERSEY		
(CG) Cape May CGAS (CG)	2 NW	S.L.	60	Ramp;haul-out;buoys.INACTIVE.
Little Ferry	0.5 E;bridge N	5	40 S6	80 oct.Boat;ramp;tractor.

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
NEW JERSEY				
Perth Amboy	0.5 S of bridge	5	Unl S1	80 oct. Ramp;all facs.Data unver.
Ridgefield Park,Lambrose Air College	0.5 S	5	40 S4	80 oct.Boat; ramp; winch.
Ridgefield Park,Mellor-Howard	1 S	5	35 S4	80 oct. Ramp; all facs.
Secaucus,Dawn Patrol	0.5 N;bridge SW	5	50 S2	73 oct. Winch.
NEW YORK				
Alplaus, Wells	0.5 SW	200	50 S4	80 oct.No sto.Ramp.Hi-line E.
Athens	Adj E		Unl S1	73 oct.Float.Data unver.
Babylon Skyport	1.5 SW	S.L.	Unl S4	80 oct. Ramps;boat.
Buffalo	7.3 NW	570	103 S6	80 oct. Ramps; all facs.
Cooperstown,Otsego	Adj NNE	1194	Unl S1	80 oct.Float;ramp,buoys;winch
Dobbs Ferry	0.5 SW	5	100	Marine Ry;ramp;winch;float.
Eagle Bay, Adirondack	0.3 S	1707	70 S1	80 oct. Beach.
Lake George, Hall's	0.5 E	330	52 S1	73 oct. Ramp; all facs.
Montauk Yacht Club	2.5 NE	S.L.	Unl S1	87 oct.Buoys;floats.Avail.May-Oct.
New York,Downtown Skyport	Foot Wall St.	S.L.	S1	Floats.
New York, Evers	11 NE	5	70	Ramp;buoy;boat;winch.Bridge SSW.
(N)New York NAS (N)	11.8 SSE	S.L.	100 S4	73,91,100 oct.Ramps;tractor.
New York, La Guardia	5 E	S.L.	211 L1 S6	73-100 oct. Ramps;winch;buoys.
North Long Beach	0.4 N;bridge SW	S.L.	75 S4	80 oct. Ramp; float.
Ossining, Pickair	0.5 W	3	158 S4	80 oct. Boat; ramp.
Oyster Bay,Cold Spring Harb.	2 E	10	50	Buoys;beach;boat;dolly.
Piseco, Knox Bay	1.5 S	1661	163	PRIVATE.Boat;beach;tractor.
Port Washington,Grumman	1.5 NW	S.L.	158 S4	Ramps; all facs.
Rochester,Point Pleasant	6 NE	246	Unl S1	80 oct. Ramp;float;dock
Round Lake	0.5 E;RR S,W	188	48 S4	80 oct.Beach;boat,tractor.
Sag Harbor	0.5 N	5	103	PRIVATE.Ramp;tractor.
White Stone, Queens	1 N	S.L.	200 S4	80 oct. Ramp; dock.
Yonkers	S end	S.L.	Unl S4	80 oct.Ramp;moor.Clsd Dec.15-Mar. 15.
NORTH CAROLINA				
(CG) Elizabeth City CGAS (CG)	3.5 SE	S.L.	106 L1 S4	91,100 oct. Ramps; all facs.
Elizabeth City,Harvey Point	13 S	S.L.	Unl	Ramps.
OHIO				
Cleveland,Breckling Air Svc.	2.5 NE	573	30 S4	80 oct.No sto.Ramp;boat;buoy.Data unver.
OREGON				
Milwaukie, Portland	3 W	10	32 S4	80 oct.Ramps;boat;beach;winch.
Ocean Lake,Devils Lake	0.7 E	S.L.	59 S4	80 oct.No sto.Beach;winch.
Portland, Safley's	5 NNW	26	60 S1	Ltd 80 oct.Ramp;beach,winch.
PENNSYLVANIA				
Beaver	0.5 S	670	50 S1	80 oct. Boat;beach;ramp;tractor.
Coraopolis	0.5 N	675	50 S1	80 oct. Boat;ramp.
Edinboro	1.2 NNW	1200	Unl S1	Ltd fuel.Beach;boat;haul-out.
Harrisburg,Air-Harbor	1 SSW;brdg SE	300	30	Closed for winter
Kittanning, Sedwicks	0.2 W	769	50	Float; beach; boat.
Milton	1.5 SW	440	50 S	Svcg from Milton Airport.
Oakmont	Adj NW	725	52 S1	80 oct. Float.
Philadelphia	10 SW	S.L.	Unl S6	80,91 oct.Ramps;all facs.
Philadelphia,Phila. Skyport	Ctr of city	S.L	Unl S6	Boat;all facs.Data unver.
(N) Philadelphia, Mustin NAS (N)	4 S	S.L.	120 S6	87-100 oct. Ramp.
Pittsburgh, Buck's	at riv.intxn	715	70 S6	87 oct.Boat;beach;ramp;winch.
Pittsburgh,Dravosburg	5 SE;jct rivs	718	50 S2	80-100 oct.Ramp;float;boat.
Pittsburgh,Highland	5 NNE	721	66 S6	80 oct.Ramp;all facs.Data unver.
Rochester	0.5 S	670	78 S1	80 oct. Float; boat.
RHODE ISLAND				
Newport	3 NW	S.L.	Unl	Ramps;buoys;boat.
(N)Quonset Pt.NAS(Providence)(N)	16.5 S	S.L.	Unl L5 S6	91,100 oct. Ramps;all facs.
TEXAS				
(N) Corpus Christi NAS (N)	9.5 SE	S.L.	Unl R1 L3 S5	91,100 oct. Buoys; ramps.
La Porte, Fay Brothers	2 NE	S.L.	Unl S1	No sto. Floats;marine ry;Data unver.
VIRGINIA				
(N) Dahlgren NAF (N)	Adj SE	S.L.	S2	Ramp.
(A) Langley (A)	3 N Hampton	5	105 S2	Dock.Closed during ice period.
(N) Norfolk NAS (N)	6 N	S.L.	123 R1 L1 S6	87,91,100 oct.Ramps; all facs.
(N) Quantico MCAS (N)	1 S	S.L.	180 S4	Buoys; boat; ramp.

R-radio facilities. L-lighting facilities. S-servicing (See page IV) → NEW OR REVISED DATA N.B. Seaplane bases and anchorages are not charted or listed.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
WASHINGTON				
Bellingham	5 ESE	307	158 S2	73 oct. Boat; ramp; winch.
" Lakeside Fly.Svc.	3 E	307	106 S1	73 oct. Buoy; boat.
Bremerton	0.75 E	S.L.	211 S6	80 oct. No sto.Ramps;winch;hoist.
(N) Bremerton NAS (N)	0.5 S	S.L.	Unl S4	Ramp; buoys; haul-out.
Chelan, Air Harbor	0.8 W	1079	Unl S1	73 oct. Boat; beach; ramp.
Coulee Dam	3 ESE	1275	Unl S2	73 oct. Boat;beach;marine ry.
Longview,Sky Harbor	1.3 ENE	5	37 S1	73 oct. Float; beach.
(N) Oak Harbor NAS (N)	0.5 SE	S.L.	Unl R1 L4 S	Fuel,sto,flood lgts prior req.
Oroville,Dorothy Scott	1.7 N	913	52	Boat; beach. Ramps;buoys
(CG)Port Angeles CGAS (CG)	2 NNE	13	Unl S4	Ramp; all facs.
Port Townsend	Adj S	S.L.	150 S4	Ltd fuel. Buoys.
Prosser, L & D	1 W	632	76 S1	80 oct. Ramp.100' pole line WSW.
Seattle,Kurtzer Flying Service	In city	S.L.	79 S4	80 oct. Ramps; hoist.
(N)Seattle NAS (N)	6 NNE	36	300 L S6	87-100 oct. Ramps; all facs.
Seattle, Seattle Service	In city	20	53 S2	80 oct. Ramp; boat.
Tacoma, Float Haven	0.7 NE;brdg SSE	S.L.	26 S1	80 oct.Ramp;floats;boat;winch.
Wenatchee	0.5 E	600	53 S1	73 oct. Boat; beach,; ramp.
WEST VIRGINIA				
Charleston,Kanawha Flying School	Ctr of city	560	50 S6	80 oct. Boat;ramp,winch.
South Charleston	W of city	560	Unl S6	80 oct.Boat;ramp;winch.Data unver.
Wheeling	Ctr of city	630	50 S1	87 oct. Boat. Bridges S.
WISCONSIN				
Drummond,Smith Lake	9.5 W		30 S1	80,91 oct. Tie-down;dock;buoy.Data unver.
Madison, Jackson	3 WNW	849	Unl S2	80 oct. Dock; float.
Milwaukee	3 ESE;hwy W	585	185 S6	80,91 oct.
NEW AIRPORTS				
Kingston,Aero Lake(N.Y.)	3 7 SSE;RR W	220	32 S4	80 oct. Trees sur lake
(N)Anacostia NAS (N) (D. C.)	2.4SE Monument	8	106 S4	87-100 oct.Ramp: all fac prior req.
Cater-White (New York,N.Y.)	City limits on Hudson river.		Unl S6	80 oct.Floats.Data unverified.
Ticonderoga, (N.Y.)	3 S		unl	Float;dock;beach. Data unver.
Fort Worth (Tex.)	9 WNW,E shore		100 S4	80 Oct. Docks, floats
Sausalito (Calif.)	Richardson Bay		Unl S4	80,91 oct.Data unver.
Tippecanoe (Leesburg,Ind.)	3.5 E		211 S4	80 oct.No sto.Data unver.W end of lake
Thompson (Louisville,Ky.)	In town		Unl	S side Ohio river;E of bridge
G.I.Flying Service (Coeur d'Alene,Idaho)	.07 S	2140	Unl S4	Buoys;ramp;beach;boat.
Aero (Huntington,W.Va.)	3.4 ENE on Riv.	540	Unl S6	Fuel.
Ocean City, (Md.)	1 N	S.L.	40	Beach;ramp.

OPERATION OF SEAPLANES ON THE NEW YORK STATE CANAL SYSTEM:

AN OFFICIAL COMPLAINT HAS BEEN RECEIVED FROM THE STATE OF NEW YORK, DEPARTMENT OF PUBLIC WORKS, THAT THE NEW YORK STATE CANAL CHANNEL IS BEING USED FOR THE TAKING OFF AND LANDING OF AIRCRAFT. THIS CHANNEL IS VERY NARROW AND HAS NUMEROUS CURVES. AIRCRAFT LANDINGS AND TAKE-OFFS ON THIS CHANNEL, THEREFORE, ARE DANGEROUS AND PRESENT A HAZARD TO CANAL TRAFFIC AND SMALL BOATS. ALL AIRMEN ARE CAUTIONED THAT SUCH ACTIVITIES MAY CONSTITUTE CARELESS OR RECKLESS OPERATION OF AIRCRAFT.

✓ CAUTION- MANY SEAPLANE LANDING AREAS IN THE NORTH ARE CLOSED DURING WINTER MONTHS BECAUSE OF ICE.

✓ ARMY DATA: Advice covering Army fields or Army opers.on civil flds, or Army rdo facs, and also Air National Guard flds and facs. should be forwarded to Commanding General, ATC, Attn.: Flight Operations Div., A-3. Requests for approval of the closing of Army arflds or restrictions in arfld facs to trans.mil.acft for over 10 days should be forwarded to the same address for submittal to Hdqs AAF, as rqrd. Restrictions in Air Nat'l Guard Flds or facs will be forwarded to the N.G. Bureau thru the State Adjutant Gen'l for approval. That Bureau will forward approved restrictions to the above address for publishing. Information to be published will be coordinated and submitted to the C.A.A.

NAVY FACILITY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/ground communications facilities, instrument approach procedures and navigational aids, should be directed to: THE DIVISION OF AIR NAVIGATION, HYDROGRAPHIC OFFICE, WASHINGTON 25, D.C., for transmittal to the C.A.A. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946 , approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF Regulation 85-2. The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 85-2 and AAF Regulation 85-2A, which state in part: "Except for those Army aircraft assigned to civil contractors or agencies under bailment contract, no Army aircraft will utilize civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Government, except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major air command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks section of AAF Form 23 that competent authority authorized use of such fields and will be transmitted in Remarks section of the flight plan as 'authorized flight'. All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters 'A, N, or P' in the Airman's Guide. It is the responsibility of the various air forces, major air commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation".

(2) Official Business: Within the meaning of AAF Regulation 85-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units or organizations at or near the airfield selected for landing for the purpose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

(3) Policy of Army Use of Temporarily Inactive Airfields. (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein (directory section only) by the following notice: "ARMY TEMP INACTIVE - CIVIL FACS." (b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned. Such airfields will be identified herein (directory section only) by the following notice: "TEMP INACTIVE - NO FACS". The aforesaid policy statement is not to be construed as countermanding any AAF Regulation or letters governing command use of municipal airports or Army airfields.

4. "CLOSED" Army Air Fields: Under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF, from time to time certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed as "CLOSED": Such as, (a) Fields closed to all transient traffic except on official business or in emergency; (b) Fields that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by the WAA The listing "CLOSED" will appear in the directory section only. Airfields so designated will be used on official business only under written orders in each case.

MILITARY AND NAVAL LANDINGS IN NEWFOUNDLAND: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Field, Fla., Washington National Airport, D.C., or Westover Field, Mass. ALASKA - McChord Field, Wash., or Great Falls AAF, Mont. BERMUDA - Mitchel Field, N.Y.; Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. CANADA - Great Falls AAF, Mont.; McChord Field, Wash.; Washington National Airport, D. C.; Selfridge Field, Mich.; or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif.; Kelly Field, Tex.; or Morrison Field, Fla. CARIBBEAN - Morrison Field, Fla.; or Kelly Field, Tex. ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C., and Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

✓ PILOT PROCEDURES WITH FLIGHT SERVICE UNDER AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases. No change.References: AAF Regulations 15-23 and 60-22. (2) Departure from non-AAF Bases. AAF aircraft departing from non-AAF bases will file a complete flight plan with, and secure approval from the nearest Flight Servi ce Center prior to takeoff, or as outlined in AAF Regulation 60-22. Communications with a Flight Service Center may be established by direct telephone to the center; or by a radio call to the nearest AAF Base or AACS Airways radio station. After obtaining the Flight Service approval, pilots contemplating flight under Instrument Flight Rule conditions will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA directly through CAA Communications facilities. If CAA Communications facilities are not available, however, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute. AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of Instrument Flight Rule (IFR) Flight Plan, or CFR to IFR, or IFR to CFR enroute. AAF aircraft requiring a change of route, altitude, point to first intended landing, cruising speed or alternate airport, or change from CFR to IFR or IFR to CFR enroute, will contact a CAA communications station for coordination and approval by CAA Airway Traffic Control and Flight

Service. If communications with CAA communications station cannot be established, AACS Airways radio station will be contacted for coordination and approval by CAA Airway Traffic Control and Flight Service. (5) CFR Position Reports. When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS Airway radio stations enroute and receive any necessary advisories from Flight Service (6) IFR Position Reports. When flying under IFR conditions, pilots will first make position reports to CAA communications stations as heretofore required by Civil Air Regulations and then to AACS Airways radio stations enroute, and receive any pertinent Flight Service Advisories. (7) Voice Calls. AACS Airways radio stations will be called by the location name followed by the word "airways" such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An index of AACS Airways Stations within the U.S., together with a ligting of the assigned frequencies, may be found on pages 94 and 95 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service	
A	116.10 mc.	CAA AIRWAYS (RANGE STATIONS)	* AACS Airways (Plan 62)
B	126.18 mc.	CONTROL TOWERS	
C	137.88 mc.	AACS AIRWAYS (PLAN 62)	* Control Towers
D	140.58 mc.	MILITARY EMERGENCY & GCA FINAL APPROACH CONTROL	

*Available for service indicated on a secondary basis.

(9) It will be some time before all AAF aircraft are equipped for operation on AACS Airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS Airways frequencies will contact airways stations whenever possible rather than AAF control towers. (10) The following list of telephone numbers will be used for contacting military Fli ght Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington; Pittsburgh; New York; Boston	Olmsted Flight Service Center Middletown, Pa.	Steelton 93387 Steelton 93470
Jacksonville; Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4871
Memphis; New Orleans; Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery 89
Cleveland; Cincinnati; Detroit; Chicago; St. Louis	Wright Flight Service Center Dayton, Ohio	Osborn 88691, 88692
Fort Worth; San Antonio	Fort Worth Flight Service Center Fort Worth, Texas	Ft. Worth 77251
Denver; Minneapolis; Kansas City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 Denver LD 117
Los Angeles; Albuquerque; El Paso	March Flight Service Center Riverside, Calif.	Riverside 7107, 7108
Oakland; Salt Lake	Hamilton Flight Service Center Hamilton Field, Calif.	San Rafael 770 San Rafael LD-20
Great Falls; Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD 20 Tacoma LD 21

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc. band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with the directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

CLEARANCE OF AAF AIRCRAFT IN NEW YORK CITY AREA: In accordance with AAF Letter 63-9 of March 3, 1947, the following instructions will govern the clearance of AAF aircraft to and from the New York City Area (encompassed by a 25-mile radius from the southern tip of Manhattan).

(a) FLIGHTS INTO THE AREA: AAF aircraft flying into the area may be cleared for any authorized field therein, but will in all cases secure in-flight clearance from Mitchel Field (Army Flight Service) prior to proceeding to the field of destination. AAF Form 23 will indicate a flight plan to the field of destination via Mitchel Field. Mitchel Field (Army Flight Service) will approve further clearance to other fields in the area under the conditions listed below only. If further clearance is refused, aircraft will land at Mitchel Field or at any other authorized field outside the area.
(1) CFR. When the ceiling is at least 2000' and the visibility is 3 miles or more.
(2) IFR. (a) When the visibility is not less than 1 mile and the ceiling is unlimited.
(b) When the visibility is not less than 2 miles and the ceiling is not less than 5000'.

(b) FLIGHTS OUT OF THE AREA: AAF aircraft departing from the area from fields, other than Mitchel, will be cleared subject to the conditions listed above for CFR and IFR clearances. AAF aircraft engaged in regularly scheduled transport flights under the operational control of the Air Transport Command are exempted from the above restrictions.

VHF CHANNEL ASSIGNMENTS:

Following are Army assignments:				Following are Navy assignments:			
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
A	116.1	H	134.10	1	116.1	6	134.64
B	126.18	U	108.3	2	140.56	7.	143.64
C	137.88	V	108.7	3	126.18	8	142.02
D	140.58	W	109.1	4	128.70	9	142.74
G	137.70			5	143.28	GUARD	140.58

SELECTION OF WEATHER ALTERNATES BY ARMY PILOTS: In accordance with policy stated by the CG, AAF April 7, 1947, Army pilots are not to be refused IFR clearances because of selection of other than "A, N, or P" fields as an alternate. The selection of an alternate airport is a planned procedure to be resorted to in case of emergency and any suitable airport, military or civilian, will be accepted for clearance purposes. Concerning this policy, it is pointed out that pilots who do utilize other than "A,N,or P" fields under such circumstances may be called upon to justify their use of same.

SCHEDULED WEATHER BROADCASTS ON 4765 KCS. In the near future, scheduled weather broadcasts over AACS "Airways" stations on 4765 kcs. will be instituted. Broadcasts will be made over the AACS "Airways" radio stns located at the nine Flight Service Centers in accordance with the time schedule listed below. Deviation from the time schedule shown will be made only in the event that emergency communication is in progress between aircraft and "Airways" stns in which case weather will be broadcast at the alternate time shown. Acft in communication with "Airways" stns at time of schedule bdcst will be requested to stand by unless pilots indicate communication is in emergency.

AACS Station	Sched.	& Alternate time	AACS Station	Sched.	& Alternate time
Olmstead	H+35	H+55	Patterson	H+43	H+03
McChord	H+35	H+55	Hamilton	H+43	H+03
Fort Worth	H+35	H+55	Lowry	H+50	H+10
Maxwell	H+39	H+59	MacDill	H+50	H+10
March	H+39	H+59			

FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, U.S. CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES, CANADIAN REGULATIONS, FLIGHT INTO PANAMA CANAL ZONE: These procedures and regulations were all incorporated into the Flight Information Manual, Vol. 1, No. 2, dated Jan. 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the Airman's Guide.

MEXICAN ENTRY FEES: At Mexican Airports of Entry, charges include an overtime fee of 30 pesos after 12 noon for Immigration Inspection and a fee based on a full day's wage for each inspector involved for each 3 hours of overtime or fraction thereof after 2 P.M. for customs inspection. Charges may also be made for a Customs guard to watch the plane and for the taxi fare to bring inspectors to the field after 12 noon. In American money total fees may approximate $15 to $20.

CAUTION ADVISED IN USE OF GUATEMALA-HONDURAS AREA AERONAUTICAL CHARTS: Flight checks have revealed that elevations indicated on Gulf of Fonseca (710) Aeronautical Chart covering the Guatemala-Honduras-Nicaragua Area, dated Dec. 1946, are as much as 4300 feet too low. This chart is being thoroughly rechecked and a new chart will be issued as soon as possible.

SAN JUAN, P.R., PRE-FLIGHT CLEARANCES: San Juan Civil Air Terminal (U.S. Naval Air Station), Isla Grande Airport, San Juan, Puerto Rico - All civil operations at San Juan Air Terminal were assumed by the Puerto Rico Transportation Authority effective 0000 local time, March 4, 1947. Advance authority must be obtained for landings at this airport prior to the commencement of any flight. Address requests to Airports Division, Box 3508, San Juan, Puerto Rico. The cable address is "Autoritan".

SAN JUAN, P.R., TRINIDAD, B.W.I.; AND GUANTANAMO, CUBA, NAVAL COMMUNICATIONS WITH COMMERCIAL AIRCRAFT: Effective March 24, 1947, and until further notice, NAS San Juan, NAS Trinidad, NAS Guantanamo, will guard 6515 kcs. voice cont., transmitting and receiving, for communication with commercial aircraft.

DAKAR, AFRICA WEATHER BROADCAST: Effective 0820Z GCT, March 24, 1947, station WFG commenced broadcasting Dakar METAR hourly at 20 minutes past each hour on 3285 kcs., A1 emission.

GOAT ISLAND, JAMAICA COAST GUARD RADIOBEACON: The Coast Guard Radiobeacon at Goat Island, Jamaica, has been discontinued.

PALISADOES AIRPORT FACILITIES, KINGSTON, JAMAICA, B.W.I.: The Palisadoes Airport is a British Government controlled airport. The Government controlled tower transmits on 397 kcs. only, and guards 2870, 3105, and 6210 kcs. It is necessary for all itinerant flights coming to Pal isadoes to file Flight Plans from point of departure to the Communication Station at Kingston - call letters MRX. This Flight Plan should be marked for Information: Palisadoes Airway Traffic Control. The route frequency of 6515 kcs. A3 emission is guarded at MRX. They have a good signal on this frequency and can be read consistently throughout the day and night in the Caribbean Area. Flight Plans may be filed for transmission to Palisadoes through the CAA operated Overseas Foreign Aeronautical Communications Station, WBR, Miami.

✓ SOMERSET, BERMUDA NAS RADIO FACILITY: Somerset, Bermuda NAS transmissions air ground CW 3285 and 6253 kcs. were discontinued April 3, 1947.

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

OLD PILOT CERTIFICATES MUST BE EXCHANGED: All pilot certificates issued prior to July 1, 1945, will expire July 1, 1947. Such certificates may be exchanged for new-type certificates at any time prior to their expiration date.

PERSONAL POSSESSION OF PILOT CERTIFICATE: No person shall pilot a civil aircraft within the U.S. unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

✓ NEW PRIVATE FLIER VHF FREQUENCIES: All CAA Communications Stations and Towers are discontinuing receiving watches on 131.7 and 131.9 mcs. as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs. for transmission to CAA Communications Stations and 122.5 mcs for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs. but the communications stations program is not fully effective yet because of non-receipt of the new receivers.

CAA Communications stations normally reply to itinerant aircraft on the voice feature of the range, low frequency or V.H.F., whichever is applicable. Replies are made on 111.1 mcs. if V.H.F. reply has been requested on other than range frequency. CAA airport control towers will reply to itinerant aircraft on one of the frequencies 118.3, 118.5, 118.7, or 118.9 mcs.. In addition to tower's low freqs. See individual data pages in AIRGI for inclusion of these frequencies as commissioned.

✓ LOOP RANGES UNSUITABLE FOR DF AND ADF OPERATIONS: Loop ranges (such as ML, RL, MRL without simultaneous feature) are not suitable for DF and ADF operations. DF or ADF use should be restricted to simultaneous type of range stations and commercial broadcast stations.

U.S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it is suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmissions.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Revised arrival, departure, holding, instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area effective Feb. 18, 1947. Non-air carrier pilots proposing instrument flight through this area or to or from Newark,

Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, N. Y., for copies of applicable Operations Letters describing these procedures.

DESIGNATION AND REDESIGNATION OF CIVIL AIRWAYS, RADIO FIXES, AIRPORT TRAFFIC ZONES, AND AIRWAY TRAFFIC CONTROL AREAS: Effective April 7, 1947, Parts 600 and 601 of the Regulations of the Administrator were amended to read in whole or in part as follows. AIRWAYS:

(1) Green Airway 7 (Nome, Alaska to Fairbanks, Alaska) . . . Galena, Alaska range stn, the intersection of the E leg of Galena, Alaska and the W leg of Fairbanks, Alaska to Fairbanks, Alaska range stn. (2) Red Airway 6 (Las Vegas, Nev. to Grand Island, Nebr) . . . Grand Island, Nebr range station; and Lincoln, Nebr range station to Omaha, Nebr. range station. (3) Red Airway 50 (Galena, Alaska to Fairbanks, Alaska) . . . From Nenana, Alaska range station to the intersection of the SE leg of Nenana, Alaska and the NE leg of Summit, Alaska. (4) Red Airway 61 (Pittsburgh, Pa. to Washington, D.C.) From the intersection of the SE leg of Pittsburgh, Pa. and the NW leg of Arcola, Va., via Arcola, Va. range station to the intersection of the SE leg of Arcola, Va. and the S leg of Washington, D.C. (5) Blue Airway 39 (Knoxville,Tenn.to Syracuse, N. Y.) From Tri-City, Tenn. range station via a point located at lat. 37-20 and long. 81-52-40 to the Charleston, W.Va. range station. From the intersection of the W leg of Elkins, W.Va. and the SW leg of Morgantown, W.Va. via Morgantown, W.Va. range station to the intersection of the NE leg of Morgantown, W.Va. and the E leg of Pittsburgh, Pa. From the intersection of the NE leg of Altoona, Pa. and the NE 1 eg of Pittsburgh, Pa., via the intersection of the NE leg of Altoona, Pa. and the SW leg of Elmira, N.Y.; Elmira, N.Y. range station to the intersection of the NE leg of Elmira, N.Y. and the S leg of Syracuse, N.Y. (6) Blue Airway 47 (Martinsburg, W.Va. to Philipsburg, Pa). From the intersection of the SE leg of Pittsburgh, Pa. and the S leg of Altoona, Pa., via Altoona, Pa. range station, to the intersection of the NE leg of Altoona, Pa. and the NE leg of Pittsburgh, Pa.

FIXES: Red Airway 6 (Las Vegas, Nev. to Omaha, Nebr) . . . Hayes Center, Nebr. range station; Lincoln, Nebr. range station.

AIRPORT TRAFFIC ZONES: Springfield, Mo. Airport Traffic Zone: Within a 5-mile radius of Springfield, Mo., Mun. Airport, and within 2 mi. either side of the SE and NW courses of Springfield, extending 10 mi NW of radio range station.

AIRWAY TRAFFIC CONTROL AREAS: (1) Red Airway 6 ATC Area (Las Vegas, Nev. to Omaha, Nebr). All of Red Airway 6 from 25 mi. W of Grand Junction, Colo. to Omaha, Nebr. (2) Red Airway 50 ATC Area (Galena, Alaska to Fairbanks, Alaska). All of Red Airway 50 between Nenana, Alaska range station and the intersection of the SE leg of Nenana, Alaska and the NE leg of Summit, Alaska. (3) Red Airway 61 ATC Area (Pittsburgh, Pa. to Washington, D.C.) All of Red Airway 61. (4) Blue Airway 26 ATC Area (Anchorage, Alaska to Fairbanks, Alaska) . From Anchorage, Alaska rangestation to a line extended at right angles across such airway through a point 50 mi SW of Summit, Alaska range station and from the intersection of the NE leg of Summit, Alaska range station and the SE leg of Nenana, Alaska to Fairbanks, Alaska radio range station

(5) Blue Airway 39 ATC Area (Knoxville, Tenn. to Syracuse, N. Y.). All of Blue 39 from Tri-City, Tenn. range station to a line extended at right angles across such airway through a point 25 miles NE of Tri-City, Tenn. range station; from a line extended at right angles across such airway through a point 25 miles S of Charleston, W. Va. to Charleston, W.Va. range station; from the S leg of Elkins, W.Va. and the SW leg of Morgantown, Pa. to the intersection of the NE leg of Elmira, N. Y. and the S leg of Syracuse, N.Y. (6) Blue Airway 47 ATC Area (Martinsburg, W. Va. to Philipsburg, Pa.). All of Blue Airway 47.

AIRPORT APPROACH AND AIRPORT TRAFFIC ZONE DELETIONS: Effective April 7, 1947, the 10-mile airport approach zone around New Orleans Airport and the 3-mile airport traffic zone around Lake Charles AAF, La. were cancelled.

AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: Correct TO-08-15-1, page 102, under Reports of errors and corrections, by substituting the following address: Commanding General, Air Transport Command, Washington 25, D.C., Attention: Flight Operations Division, A-3, marked: For Transmittal to Commanding General, Air Materiel Command; Page 52, by showing Lawson Field radio range, Ga.receiving on 3105,4495,6210 kcs. and with scheduled weather broadcast 29 minutes after the hour, 24 hours daily; pages 96 and 98, by showing Jacksonville,Fla.X-Band radar bcn discont.; page 88, by showing Navy GCA at Jacksonville NAS,(Lee Fld).,Fla. available on 15 min.notice.

WEATHER REPORTING SERVICE

Weather Reporting Station	Type of Station		Lat., Long.	Elev.	Effective Date
Devils Lake, N.D.	Supp.Weather				Discont.
Lakeland,Fla.(Mun.Arpt.#2)	Supp.Weather	Opened	27°59',82°00'	142'	App.3/15
Dunsmuir, Calif.	Supp.Weather	Opened	41°16',122°,16'	3240'	
Montague (Yreka-Siskiyou Co. Arpt), Calif.	Supp.Weather	Opened	41°47',122°28'	2520'	
King City, Calif.	Hourly				To be clsd abt.4/18
Kernville, Calif.	Supp.Weather	Closed			
Quonset Point, R.I.	Pibal	Discont.			
Aberdeen, Md.	Pibal	Begun	39°28',76°10'	61'	
Chincoteague, Va.	Pibal	Begun	37°56',75°28'		
Port Angeles, Wash.	6-hourly	Begun	48°08',123°35'	13'	
Windsor Locks,Conn. (Bradley Field)	Supp.Weather	To be opened soon	41°56',72°41'	171'	
Sandusky, Ohio	Supp.Weather	To be opened soon			
Point Marblehead, Ohio	Supp.Weather	To be opened soon			
Chicago (Dunne Crib),Ill.	Supp.Weather	To be opened soon			
Bishop, Calif.	Hourly	Reopened	37°22',118°25'	4145'	
Kemerer, Wyo.	Supp.Weather	Opened	41°50',110°33'	7276'	
Riverton, Wyo.	Supp.Weather	Opened	43°03',108°27'	5453'	
Worland, Wyo.	Supp.Weather	Opened	43°59',107°57'	4185'	
Thermopolis, Wyo.	Supp.Weather	Opened	43°40',108°13'	4400'	
Greybull, Wyo.	Supp.Weather	Opened	44°31',108°05'	3900'	
Rawlins, Wyo.	Supp.Weather	Opened	41°49',107°13'	6760'	
Cody, Wyo.	Supp. Weather	Opened	44°31',109°02'	5084'	

NOTE: Terminal forecasts inaugurated for Lexington, Ky. and Walla Walla, Wash. Supplementary Weather Station at Teterboro (Bendix), N.J., closed and hourly reporting station established in lieu thereof.

CRASHED OR STOLEN AIRCRAFT: An 8A Luscombe, NC 71621, was rented from the Clearwater Flying Company at Drew Field, Tampa, Fla., on Feb. 27, 1947. The plane was never returned. Advice concerning the plane's whereabouts should be directed either to the Clearwater Flying Company or to National Retailers Mutual Insurance Company, 7450 Sheridan Road, Chicago 26, Illinois.

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc.) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage in the "Airman's Guide, full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting station are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields, and before taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and C.A.R. Digest or Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons indicate suspension of CFR traffic.

AIR NAVIGATION AID DATA

All radio facilities except towers are CAA facilities unless otherwise cited. All towers are listed by operating agency. All range bearings are magnetic inbearings. All fan markers and station location markers operate on 75 mcs. All radio facilities operate continuously unless otherwise specified.

LEGEND

** - New or revised airport, danger areas, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

[redacted]

BARIN NAAS EAST & WEST FIELDS (FOLEY)-Closed to trans acft. (1-9)

BATES FLD (MOBILE)-RADIO: CAA operates twr, traffic controlled by lgt gun only from 0800 to 1800 daily. (3-5)

★BIRMINGHAM ARPT-RADIO: Middle compass ltr comm and flight-checked Apr. 6. See page 122. FLD: Closed to civil acft not equipped with operating rcvr. No landings on sodded areas. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling rnwys. No maintenance. (3-21).

★BROOKLEY FLD (MOBILE)-RADIO: Air/gnd stn freqs of 4845 and 2862 kcs discont. April 11. FLD: Soft-use rnwys, taxi strips only. No 91 oct. (10-4)

CAMP SIBERT AAF (ATTALLA)-CLOSED TO ALL ACFT.

CENTRE ARPT-In wet weather, avail. lgt acft only. (12-16)

COLUMBIANA ARPT-N end strip rough, rocky. (12-16)

CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20). FLD: Bndry lgts inop. (11-12)

DANNELLY FLD (MONTGOMERY)-NE taxi strip closed (parked acft)(8-12)

DOTHAN ARPT-Equip. on fld days until approx Apr. 24. (4-3)

EUTAW ARPT-NW 600' NW/SE strip soft with large holes and 50' trees 150' from SE end. Use NE/SW strip. (2-11)

GUNTER FLD (MONTGOMERY)-Use rnwys only. Sod areas adj rnwys and taxi strips soft. Use Maxwell Fld for trans svcg. (1-10)

HARTSELLE ARPT-Graded area rough. Fld soft when wet. Use W side of strip (3-3)

HUNTSVILLE-Bombing and mortar firing is being conducted within the following described area: beginning at the Tennessee River Channel at lat. 34-34-30, long. 86-44; due N to Southern RR; easterly along RR to long. 86-42; due S to said river; SW along river to point of beginning.

★MAXWELL FLD (MONTGOMERY)-RADIO: Apr. 11, Army air/gnd stn freqs of 2862, 4845 kcs discont. FLD: At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel rnwys. (10-17)

MOTON FLD (TUSKEGEE)-Soft spots after heavy rains. (2-15)

NAPIER FLD (DOTHAN)-Avail. civil. acft in emerg. only. 175' water tank obst lgt inop. (1-12)

VAN DE GRAAFF ARPT, SITE 59, FV-AG (TUSCALOOSA)-Extreme NW and SW ends fld soft in wet weather. (1-23)

[redacted]

ASHFORK INT, SITE 36A, LA-AQ-Center 100' of strips rough, rocky, bal fld hazardous due to grass and hills. (3-4)

[redacted]

COCHISE INT;SITE T-3, PH-EO-Rough, tall grass off strips-usable with ctn. (2-14)

★DAVIS MONTHAN FLD (TUCSON)-RADIO: Army air/gnd stn transmits on and guards 4765 kcs in addition to freqs previously published. (4-4) FLD: E fld closed-acft parked on rnwys. Blinding ceilometer projector W end fld half way between ends of NW/SE, E/W rnwys. (1-16)

DEEP LAKE INT, SITE 54A, LA-AQ-Soft. Fld hazardous use in emerg only. (3-4)

DOWNTOWN ARPT (TUCSON)-Rnwy 30 will be lgtd ngtly for 2 weeks per month from 1900 to 2300 for pilot training. Only obst lgts are those in line with lgtd rnwy. All ngt training flights will operate S of arpt. (2-3)

FLY FLD (YUMA)-800' traffic pattern all rnwys. Avoid local traffic days. Parking rstd to W side fld. (3-22)

FT APACHE ARPT (WHITE RIVER)-Use strips with ctn in wet weather. (3-31)

GILA BEND-RADIO: 116.1 mc transmitter temp inop. (3-28)

KINGMAN AAF-No inst flights cleared to Kingman. No obst lgts atop Haulpai Mtn. (8500' MSL) 11 mi S. (3-10)

LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO; No lgt opers. (3-13)

★LUKE FLD (PHOENIX)-RADIO: Apr 11, Army air/gnd stn freqs of 2862, 4697.5 kcs. discont. FLD: Traffic direction indicator on second hangar from N inop. Traffic direction indiator S end N/S rnwy free-swinging. (1-7)

NOGALES INTERNATIONAL ARPT (NOGALES)-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (1-13)

PHOENIX-Inst train. on Phoenix Range between 5500' and 9500'.

RYAN FLD (TUCSON)-Use rnwys only, bal fld soft in wet weather. Washes N edge. (1-20)

SKY HARBORARPT(PHOENIX)-Area E of N/S rnwy closed (rough). Neon approach lgts to be installed in conjunction with ILS. (3-4)

THUNDERBIRD ARPT #2 (PHOENIX)-Use strips only (parked acft)

TONOPAH INT: SITE 31, LA-PH-About May 1, will be perm discont. Bndry lgts, lgtd windcone will be extinguished and mrkrs rmvd. Bcn will cont in oper with course lgts changed from green to red. (3-31)

TUCSON ARPT-Trans acft desiring to use fld after 2100 will give 2 hrs advance notice in order that lgts may be turned on. (2-24)

WILLIAMS FLD (CHANDLER)-Use rnwys only.

WINSLOW ARPT-E end E/W taxi strip beyond first tie-in closed. (1-30)

[redacted]

★EL DORADO-RADIO: VHF range comm on cont oper Apr 10, at lat 33-17, long. 92-45. Freq. 109.1 mcs. Ident. "LD". Visual courses: 45°, 225°; aural courses: 135°,315°. Mag. var. 7°E. Stn class: VARW. These data rcvd too late for inclusion on chart and data page. Ctn-rng unmonitored.

EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only. (1-10)

FORT SMITH ARPT-Taxi strips connecting E/W rnwy with Admin Bldg closed to all acft of 5000 lbs or more. W end NE/SW rnwy from intersection W closed, mrkd. Bndry lgts this area inop. (4-6)

GRIDER FLD (PINE BLUFF)-Closed ngts. (3-11)

HELENA-Two unlgtd 405' twrs crossing Miss. River at S edge City. (11-7)

HOPE ARPT-Use rnwys only. (4-9)

JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)

LEVEE FLD (WEST MEMPHIS))-Ctn when wet. (9-23)

LITTLE ROCK-RADIO: Stn guards 3117.5 kcs 2300 to 0700.

LUXORA INT: SITE 39, NO-LS-30' unlgtd pole line being erected S end N/S rnwy. (9-27)

McGEHEE ARPT-Cattle on fld intmtly. (9-6)

McLAUGHLIN ARPT (HOT SPRINGS)-RADIO: Mobile Army twr transmits on 4420 kcs and receives on 4495 kcs. only. (4-3) FLD: Use ctn when landing and taking off. Soft sod in wet weather. Army crash fire protection avail. 0900 to 1700 Mon thru Fri. or other hrs on prior req only. (4-3)

★PINE BLUFF-RADIO: VHF rage comm on cont oper Apr 10, at lat 34-14-48, long. 91-55-36. Freq. 108.7 mcs. Ident. "PL". Visual courses: 13°,193° aural courses: 103°,283°. Mag. var. 7°E. Stn class: VARW These data rcvd too late for inclusion on chart and data page. Ctn-range unmonitored.

THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only,soft and rough. (3-17)
WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only. Equip on fld. Closed 1730 to 0800. NE/SW rnwy closed. (3-17)

ALAMEDA NAS-Maintain high approach on Rnwys 26L and 22. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Lgtd dredge and pipe extending to shore operating 1/2 mi S of lagoon in seadrome. Equip. adj to and on rnwys. Fld on positive control. (8-16)
ARCATA-RADIO; Change of freq of UAL operated MRL range to 209 kcs indefinitely postponed. (3-24)
ARCATA ARPT-Closed to acft without 2-way radio. Use surfaced areas only. (3-25)
AUBURN PEAK, BCN SITE 103 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
★BAKERSFIELD-RADIO: Adtnl VHF voice avail. on 111.1 mcs. (4-7)
BAKERSFIELD-KERN CO; ARPT-Unlgtd 92' pwr line 1/2 mi N of bndry. (2-21)
BAY MEADOWS ARPT (SAN MATEO)-Const on rnwys and taxiways until approx July. Rnwy 31 usable in all weather for acft up to 2500 lbs. Taxiways closed during wet weather, and should only be used with ctn during winter months. When taking off on rnwy 31, make a climbing turn of 45° to the right after crossing 19th Ave. but not lower than 200'. When landing acft turn off rnwy toward nearest taxi strip. No taxiing back on rnwy. (2-21)
BECKWOURTH ARPT-Ctn during winter, soft, rough. (2-17)
BLYTHE AAF-Obst lgts atop control twr inop. (2-28)
BORDERLAND FLD (SAN YSIDRO)-Target drone Unit 36 conducting flights between 0900 and 1600. (1-21)
BRAWLEY ARPT-Holes in extreme NW corner. (1-10)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs)
BURBANK-LOCKHEED AIR TERMINAL-Right traffic use Rnwys 7,15; left traffic use Rnwys 26,33. Approach lgts Rnwy 7 changed to red. 2-way rdo rqrd all acft. Rnwy 13-31 closed (parked acft) (1-31)
CAL AERO ARPT (ONTARIO)-Use rnwys only (parked acft)(3-14)
CANNON FLD (FRESNO)-Will be perm. closed Apr. 30. (4-3)
CASTLE FLD (MERCED)-No opers office. (3-24)
CATES, BCN SITE 234 MI BLINKER, SF-SA-Bcn is inop. (2-17)
CLEAR LAKE SEAPLAE BASE-Avail. in emerg only (6-11)
COALINGA ARPT-NW 1500' NW/SE rnwy rutted. Shoulder adj to inside of rnwy. avail. for taxiing. Left traffic at 500'. (2-17).
COMPTON CENTRAL APRT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)
CORCORAN-135' unlgtd twr being const adj Santa Fe RR, downtown Corcoran. Upon completion will be 148' high and lgtd.
COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (2.27)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs).
DEATH VALLEY NATIONAL MONUMENT (FURNACE CREEK)-All traffic .. away from mountain side of strips regardless of wind. (2-20)
DEL MAR ARPT-Right traffic at 600' with prevailing westerly winds. (3-3)
DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (3-31)
EL CAJON ARPT-Right traffic when landing and taking off to the E. (3-26)
EL CENTRO-Obst lgtd atop S and W range twrs inop. (1-9)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg. use. Tetrahedron lgtd all times. (12-11)
EL TORO MCAS (SANTA ANA) -Fld carrier landing practice Rnwy 25L. Trans acft use Rnwy 25R when practice in progress. (11-15)
FAIRFIELD-SUISUN AAF (FAIRFIELD)-RADIO: Army range unreliable, use for homing only. (9-30). Army ILS inop. (3-13) FLD: First 1000' Rnwy 25 open to acft days and CFR opers only. (3.13)
GARY FLD (BLYTHE)-Use rnwys only (parked acft).
GILLESPIE MCAAF-Use E/W rnwy only. Right traffic when landing and taking off to the W. (3-26)
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS; Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. Closed ngts (lgts inop. (1-28)
★HAMILTON FLD (SAN RAFAEL)-RADIO: Apr 11, Army air-gnd stn freqs of 2862, 4697.5 kcs discont. FLD: Exten to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off to the NE-right when landing or taking off to the SW. All flying under supervision of arpt manager at all times. (3-19)
H ASTER FARM OLF (GARDEN GROVE)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF; BUS; Use Los Angeles Airport.
HOBERG ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)
HOLTVILLE ARPT-Closed-emerg use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil acft excetp in emerg. or by approval of the CO, NAS, Los Alamitos. (4-9)
HUMBOLDT CO; ARPT (EUREKA)-25 telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (1-13)
LINDBERGH FLD (SAN DIEGO)-Acft departing for or arriving from Mexico land at Lindbergh Fld for customs clearance. (1-19)
LIVERMORE NAS-Avail. emerg use only. (10-1)
LIVERMORE SKY RANCH ARPT-Avail. only lgt acft, all acft in emerg. (1-18)
LOCKHEED AIR TERMINAL-See Burbank.
LONG BEACH ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (3-20) FLD: Ltd maintenance and only 100 oct. avail. Army acft. (2-28)
LOS ALAMITOS NAS (LONG BEACH)-Closed 1630 to 0800 except in emerg or by prior arrangement. (4-9)
LOS ANGELES-SPECIAL NOTCIE: All acft requested to avoid Hollywood Bowl area from 2000 to 2300 daily. (6-26)
LOS ANGELES RADIO: Occasional course displacement observed-use only when acft equipped with ADF for course monitoring. (2-24)

LOS ANGELES ARPT-RADIO: Lclzr and glide path of CAA ILS shut down for const. Outer marker inoperative being relctd 6 mi from end of Rnwy 25. Middle mrkr will be relocated 0.64 mi. from end of Rnwy 25 soon. FLD: Unlgtd oil derricks on approch to Rnwy 34. E/W paved strip S side fld avail. taxiing only. N side fld under const. Equip. on fld. All landings, take-offs and taxiing rstd to paved areas. Rnwys 11-29, 4-22 closed. Obst lgts atop 40' pole 350' S of twr inop. (1-22)
LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be avail. on short notice due to congestion in anchorage area. Two hrs advance notice should be given if possible. (7-1)
MACHADO ARPT (SANTA MARIA)-Use strip only. (3-23)
★MARCH FLD (RIVERSIDE)-RADIO: Apr 11, Army air/gnd stn freqs of 2862 4697.5 kcs discont. FLD: Rnwy 7-25 closed-avail. on twr permission only. (1-8)
MARTINEZ ARPK-Unusable during rainy weather. (2-24)
MATHER FLD (SACRAMENTO)-Use rnwys only-mat unserviceable. (1-29)

CALIFORNIA

McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip. and parked acft adj all rnwys and taxiways. Shoulders, unsurfaced areas unsafe. (12-26)
MERCED MUN; ARPT-Daylgt oper of bcn is to warn local and trans acft of approach airline acft. (3-23)
MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil. acft except in emerg. or by approval of the CO, NAS, Los Alamitos. (4-9)
MODESTO ARPT-Range lgts being installed across rnwy ends. Const and soft spots, mrkd. Will be completed approx May 1. (3-28)
MOFFETT NAS-LTA (MOUNTAIN VIEW)-Fld on positive control Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. (12-20)
MOJAVE NAS-Closed to all traffic except acft on off. bus. (2-1)
MONTEREY PENINSULA ARPT-Right traffic Rnwys 24, 28; left traffic Rnwys 6,10. (2-25)
MUROC AAF-RADIO: Army range unreliable and to be used for homing and training purposes only. (2-18) FLD: Lctd within a danger area. No facs 1900 to 0700 or Suns. Closed to all trans acft except on written permission Commanding General, Air Materiel Command. Acft will not carry trans passengers to this fld. (3-7)
NEWHALL-RADIO: Soon, range and voice commun. fac on 209 kcs will be shut down for equip. changes. (4-2)
OAKLAND ARPT-Naval acft avoid fld except on off. bus. Rock surface area between E and W taxiway and rnwy 27R avail. lgt acft. Take-off from center of area, adhere to instructions issued by twr. Taxiway leading from rnwy 33 to ramp at Navy Terminal closed. Equip. on grass area W of rnwy 24 ngts. Area under const,mrkd. No gas or maintenance facs avail. 1800 to 0800 except in emerg. Ltd gas, maintenance facs 0800 to 1800. Closed to civil acft except on authority Arpt Superintendent. Rnwy 6-24 avail. lgt acft-avail. heavy acft for taxiing only. Equip. on N taxiway and E approach to Rnwys 17R and 27L. (2-25)
O'BRIEN: BCN SITE 21B, SF-SA-Soon, bcn site, 15-1/2 mi NNE Redding, Calif. will be perm discont. (12-14)
O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only. Strip muddy when wet. (2-24)
OXNARD FLIGHT STRIP (OXNARD)-Use rnwys and shoulders only. Taxiways and bldg area closed. (2-20)
PALMDALE-RADIO: About Apr 30, SW couse will be relaigned to 43°. (4-3)
PALM SPRINGS ARPT-Right traffic all take offs and landings on rnwys 31, and 35. Rnwys 17, and 13 usual left. (2-25)
★POINT MUGU NAF-RADIO: Navy twr now transmits on 3295 kcs, 142.74 mcs.(3-24)
ROCKLIN, BCN SITE 93, MI BLINKER, SF-SL-Will be perm discont soon (11-22)
SACRAMENTO ARPT-Use rnwys, taxi strips only-shoulders and fld soft. Unsafe small acft-rough. (2-21)
SAGE, BCN SITE 114, MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
SAN BERNARDINO CO. ARPT (DAGGETT)-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. Areas immediately outside bndry lgts utilized for sto. Remain on rnwys unless in vcnty of bldgs N of intersection Rnwys 3,7. (3-13)
SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing thru Point Love (black and orange checkered buoy) unless directed by twr. Point Love (black and orange checkered buoy) is lctd on traffic pattern 1-1/2 mi S of Hotel Del Coronado. Actf crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibious Train. Base at an alt of less than 1500'. Multi-engine acft land on heavy duty rnwys, single-engine acft on aspnalt mat. (12-5)
SAN FRANCISCO ARPT-Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Rnwy 14-32 closed. (1-20)

[redacted]

SAN FRANCISCO CGAS-Seaplane harbor, channel and landing area unmarked day or ngt. Facs avail., but unmrkd. Seaplanes landing can be taken care of either at Coast Guard or PAA. (3-22)
SAN MATEO ARPT-Const. avail. lgt acft only. (2-24)
SAN NICOLAS ISLAND OLF-Use in emerg only (caretaker status-no facs)
SANTA BARBARA ARPT-Approach and ctc lgts Rnwy 15-33 inop. Equip. on rnwys. Closed to glider opers. (1-16)
SANTA MONICA ARPT-CLOVER FLD-Avail. trans acft with 2-way radio. Clsd ngts and to all student pilots. (1-10)
SHASTA SKY RANCH ARPT (FALL RIVER MILLS)-Ctn when wet. (2-24)
SHERMAN FLD (WALNUT CREEK)-Surplus Acft Sales Center-parked acft.
SHERWOOD FLD (PASO ROBLES)-40' unlgtd tension wires E end E/W strip. (3-17)
SILVER LAKE INT,SITE 18, LA-SL-E quarter fld rough. (3-24)
★STOCKTON-RADIO: Rng voice fac comm. Stn class: BMRL-DT. Cont.listening watch on 3105,4495,6210,3117.5 kcs. Weather reporting sched weather bdcasts, and associated communication services avail. 24 hrs. daily. (4-11) These data rcvd too late for inclusion on charts and data page.
STOCKTON ARPT-Rnwy 4-22 closed. (4-11)
SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NAAS Ream Fld. No communications at landing strip. (12-5)
TERMINAL ISLAND NAAS (SAN PEDRO)-Trans acft not cleared after sunset. (2-21)
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (3-7)
TRUCKEE INT, SITE 16B, SF-SL-1-3' snow on fld. (1-28)
VAN NUYS METROPOLITAN ARPT-RADIO: Mun. twr inop. FLD: Avail.civil acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without radio may enter providing previous arrangements have been made with twr. (12-5)
VENTURA CO. ARPT (OXNARD)-Bcn, bndry, obst lgts inop. Battery operated, port. rnwy lgts avail. ngts in emerg or by prior arrangement. Const equip. on fld 0700-1600 daily except Sun. Areas under const flagged. Use paved rnwys and taxiways only. (2-20)
VERNALIS FLD-CLOSED. (1-14)
VICTORVILLE AAF-Use rnwys 16L-34R, 7R-25L, 3R-21L only. (2-10)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (3-25)
WARM SPRINGS ARPT-Heavy acft avoid fld during rainy weather. Glider opers with plane and auto tows. Tall grass and equip. on fld. (3-14)

[redacted]

★QUESNEL-RADIO: Rng ident. "QZ" (3-1)
★SANDSPIT-RADIO: H fac coordinates 53-15-25N,131-49-13W.Var.27° E.(3-1)

[redacted]

★GOOSE-RADIO: Rng stn coordinates: 53-17-05N,64-24-53W.Var. 35° W.(3-1)

[redacted]

★GANDER-RADIO: Rng stn bdcasts weather 10 and 40; Stephenville,Buchans, Gander, Torbay. H Fac ident "VOAC (3 times), "MO" (6 times). Operated by Civil Aviation Div., Nfld. Govt. On req. (auto operated); when sub-normal conditions prevail this freq (363 kcs) is guarded as an air-gnd channel; at such times bcn may not be avail. except in answering calls from acft. Voice on 363 kcs distantly controlled. Weather bdcast 20 and 50; Gander, Stephenville, Torbay, Goose, Montreal, Moncton, Seven Islands, and Sydney. Weather in Metar Code. DF Stn transmits on and gds 333,3248,3285,6563,6577 & 11319 kcs. No weather bdcast.Operated by Civil Aviation Div.,Nfld. Govt. DF on req. DF on 333 kcs, subject to ngt effect, plus or minus 2° accuracy, on req and manned cont during subnormal conditions. 8538 ,8554 and 12776 kcs transmitted and guarded on req. (3-1)

[redacted]

★STEPHENVILLE ARPT-RADIO: Army ILS opers on req. Lclzr ident. "JT". (3-1)

[redacted]

★BLISSVILLE-RADIO: Stn class: SBRAZ-T. (3-1)

MONCTON-RADIO: Stn now gds (4). (3-1)

[redacted]

★CLEAR CREEK-RADIO: Stn now gds 3105,3117.5,6210 kcs. (3-1)
★FORT WILLIAM-RADIO: Stn now gds 3105,3117.5,6210 kcs. (3-1)
★LONDON-RADIO: Stn now gds 3105,3117.5,6210 kcs. (3-1)
★OTTAWA-RADIO: Stn now gds 3105,3117.5,6210 kcs. (3-1)
★SARNIA-RADIO: Stn class: SRAW. Radio call "VFCE". (3-1)
★STIRLING-RADIO: Stn now gds 3105,3117.5,6210 kcs. (3-1)

[redacted]

★CARTIERVILLE ARPT-RADIO: Twr opers 0800-2000. (3-1)
★QUEBEC-RADIO: Rng freq 230 kcs. (3-1)

[redacted]

**WATSON LAKE ARPT-Fld elev. 2255'. (3-1)

[redacted]

★AKRON-RADIO: Adtnl VHF voice fac comm on 111.1 mcs. Stn now gds 3105,4495, 6210, 3117.5 kcs, 116.1, 122.1 mcs. (4-11). These data rcvd too late for inclusion on data page or charts.

ALAMOSA ARPT-Bcn inop. (1-11)

★ANTON-RADIO: VHF rng decomm. (4-7)

★BUCKLEY FLD (DENVER)-RADIO: National Guard twr comm Apr. 7. Transmits on 201 kcs, 126.18 mcs. See page 34. 126.18 mc transmitter temp inop. Twr oper to be transferred to Navy soon. FLD: No lgts, messing, transportation or lodging facs. (4-5)

CRESS FLD (WESTCLIFFE)-Use rnwys only. (2-19)

FLAGLER ARPT-20' hangar under const E side fld. Avail. ski-equipped acft after heavy snow. (2-19)

FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)

GRANBY ARPT-Ctn from Nov. until April-snow. (10-17)

★LOWRY FLD (DENVER)-RADIO: Apr 11, air/gnd sth freqs of 2936,4630 kcs discont FLD: Equip. on fld 0800 to 1700, Mon thru Fri. (4-11)

PINE VALLEY ARPT (COLORADO SPRINGS)-E rnwy of parallel N/S rnwys clsd-being widened to 300'. E/W rnwy avail. between markers only. Heavy const equip. on fld days. Use rnwys only. (11-2)

PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat 38-17-28, S by lat 38-16-19; W by long. 104-18-38; E by long. 104-17-40.

PUEBLO ARPT-Rot. bcn atop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW/SE rnwy unlgtd. NE end NE/SW rnwy designated as calm wind rnwy. Tetrahedron modified to automatically choose the calm wind rnwy when wind velocity below 7 mph. All acft land, take-off according to the tetrahedron. (3-24)

RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)

ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (fone lines)(1-15)

RUSTON FLD (DENVER)-Strips soft during wet weather. (1-18)

RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.

SKY RANCH ARPT (DENVER)-Right traffic Rnwys 26,30,36; left traffic Rnwys 8, 12,18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (3-27)

TRINIDAD ARPT-Strips avail. lgt acft. (2-21)

WALKER FLD (GRAND JUNCTION)-Filled ditches both sides of taxi strip extending from NW/SE rnwy rough and soft. (4-2)

[redacted]

★BRADLEY FIELD (WINDSOR LOCKS)-RADIO: Tower now operates 24 hrs. Daily. These data received too late for inclusion on the data page. (4-14)

★BRAINARD FIELD (HARTFORD)-RADIO: Approach control procedures commissioned April 4. FLD: Equipment on field intermittently. 300' bldg under const 1-1/2 mi NW of fld boundary, close to NW leg Hartford Range. Flood lights N end N/S runway inop. (4-8)

BRIDGEPORT AIRPORT-Use rnwys only. (3-27)

BROOKFIELD AIRPORT-Open only to aircraft grossing less than 2000 lbs-closed to transient student pilots. Construction N and S ends of field and on taxiway between field and shop. (2-13)

HAMMONASSET FLYING FIELD (MADISON) - Use NE/SW strip. E/W strip available in emergency only (buildings and hedges on W boundary). (2-4)

HARTFORD-RADIO: Automatic range monitoring system inoperative. (9-30)

KINSLEY FIELD (SOMERS)-Temporarily closed-available emergency use only (9-10)

NEW HAVEN AIRPORT-Available days only. Use runways only. No local take-offs or landings during airline arrivals and departures when signalman displaying red flag stationed at approach end of runway being used. (11-18)

STEPHENSON AIRPORT (BRISTOL)-S 350' N/S runway being graded. Equipment and rough area marked, balance runway available light aircraft. (12-13)

WATERBURY AIRPORT (PLYMOUTH)-Muddy with scattered puddles - available with caution. Equipment on field until approximately April 30, 1947. (3-11)

[redacted]

NEW CASTLE COUNTY AIRPORT (WILMINGTON)-Use rnwys only. Equipment on field days. (3-14)

N.B. THIS BLANK SPACE OCCASIONED BY RECEIPT OF LAST MINUTE ADVICE WHICH DELETED PREVIOUSLY SUBMITTED DATA.

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SPECIAL NOTICE-The Administrator of Civil Aeronautics has designated the Mount Vernon National Monument a congested area. In accordance with Civil Air Regulation 60.105 all aircraft will maintain at least 1000' over Mount Vernon, latitude 38-42-40, longitude 77-05-30.

SPECIAL NOTICE-TELEVISION TOWER 730 FEET ABOVE SEA LEVEL ERECTED 6.2 MILES NW (302°) OF WASHINGTON NATIONAL AIRPORT, WASHINGTON, D. C., LATITUDE 38-53-46, LONGITUDE 77-08-05. (3-22)

ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of two hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (7-12)
BOLLING FLD (WASHINGTON)-Rnwys 10-28,.14-32 closed. Rnwy 17-35 closed to acft when weather minimums below ctc flight minimums. Rnwy 2-20 avail. (3-12)
WASHINGTON NATIONAL ARPT-RADIO: GCA equip. operating on exper basis only. Cannot provide emerg landing service at this time. (4-8) Following instrument landing minimums have been established for all Army traffic except scheduled ATC flights. Day and night: Form 8 white card holder 800' and 1 mile. Form 8A green card holder- 500' and 1 mile. Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only. (1-16) FLD: ARMY: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas flights using customs and immigration clearance facs of aerial port of embarkation. (c) Flights transportating VIP and General Officers above grade of Maj. Gen.,as well as officials in similar or corresponding category of executive branches of Gov't who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area. Army acft landing this fld should taxi to new ATC Terminal Bldg N of Admin Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. GENERAL: Closed to acft without rdo. Stay on paved areas-shoulders soft. Equip. on fld. Parking area ltd-turf soft. At times pilots of private acft will be unable to secure parking space. Lgtd trailer 500' W of centerline of N/S rnwy at N end. (2-15)

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ALBERT WHITTED ARPT (ST. PETERSBURG)-Bndry lgts operated sunset to sunrise. Rnwy smudge pots avail. on 1 hrs notice. Use rnwys only. (1-23)
BANANA RIVER NAS-RADIO: Navy exper. VHF localizers and various types of ILS operate intermittently day, night. Navy exper rdo bcn, 414 kcs, ident. "BR", A-2 and A-3 emission, oper intermittently, day, night. (2-27) FLD: Exper flights conducted down to weather minimums of 300' ceiling and 1 mi visibility with ATC clearances. Heavy training traffic in both land and seaplane areas, day and ngt week days only. All civil. acft warned to stay clear of air space reservation which includes area 20 mi radius from the NAS. (3-12)
BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of seven green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice.(12-13)
BOCA RATON AAF-Port floods avail. on 15 minutes notice. Stay on rnwys-shoulders soft. (2-7)
BRONSON FLD NAAS (PENSACOLA)-Inactive- no facs. (4-9)
BROWN FLD (MIAMI)-N/S, NW/SE rnwys under const. (5-18)
BUNNELL ARPT-Cattle on fld. (2-13)
CEDAR KEYS ARPT-Use rnwys only. (1-27)
CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. (1-29)
CITY AIR PARK ARPT (PANAMA CITY)-NE/SW strip under const. Not to be used except in extreme high wind (short, wires at NE end). (1-6)
CRESTVIEW-RADIO: 116.1 mcs transmitter and rcvr temp inop. (3-3)
CROSS CITY AAF-Livestock on fld. (3-31)
DALE MABRY FLD (TALLAHASSEE)-26' unlgtd bldg 900' NW of NW end NW/SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. Obst lgts atop 50' poles 500' E of N end N/S rnwy and white side of rot. bcn inop. (4-13)
DAYTONA BEACH ARPT-Lgtd tetrahedron S side fld unreliable. (4-11)

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DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)
DREW FLD (TAMPA)-Use rnwys only. Equip. on fld days. Avail. to rdo rcvr equipped acft tuned to twr freq. (2-24)
EGLIN FLD (VALPARISO)-RADIO: Army ILS to be reactivated soon. (3-18) FLD: Acft approaching fld will enter area along right edge of S leg Crestview Range. (1)-Acft on CFR will fly 3000' or 500' below the ceiling, whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (10-29)
ELLYSON NAAS (PENSACOLA)-Inactive-no facs. (4-9)
FORMAN OLF (FT. LAUDERDALE)-Use in emerg only (caretaker status-no facs)
FORT LAUDERDALE ARPT-Const, grading of taxiways adj to N/S, NW/SE rnwys. Equip. crossing and working adj to these rnwys. (12-5)
GILBERT FLD (WINTER HAVEN)-Use rnwys only. (11-4)
HIDDEN ACRES ARPT (CLARCONA)-E/W strip avail. lgt acft. (1-20)
HILLSBOROUGH ARPT (TAMPA)-CLOSED. Sinkhole center of E/W rnwy 100' E of intersection center of fld. (1-23)
JACKSONVILLE ARPT-Operating of private acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by Chief Arpt Traffic Controller. (3-25)
JACKSONVILLE NAS-Trans seaplane acft desiring ngt facs notify Jacksonville NAS 12 hrs in advance. Heavy equip. on fld days. (3-19)
KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)
KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT. (6-19)
LAKE BUTLER OLF-Cattle on rnwy. (1-27)
LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500'. Prevailing wind E to SE. (1-22)
LEESBURG AVIATION CENTER (LEESBURG)-Use rnwys only. (3-18)
✱MacDILL FLD (TAMPA)-RADIO: Air/gnd stn freqs of 2862,4845 kcs discont Apr 11. Air/gnd stn weather bdcasts on 4765 kcs will commence at 0450Z Apr 11. These data rcvd too late for inclusion on data page. FLD: Rnwys 4-22, 13-31, 18-36 avail. Rnwy 18-36 closed ngts. (2-14)
MARIANNA ARPT-All rnwys usable days. NW/SE taxiway blocked by Gov't vehicles. Use rnwys only. (1-23)
MASTER OLD (MIAMI)-Closed from thirty min after sunset until 0700. Extreme ctn account heavy traffic. Northernmost E/W rnwy closed (equip.,parked acft). (1-8)
MAYPORT CGAS-Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status-no facs). Rnwys 32, 36 under const-closed. (3-11)
MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22.(11-6)
MIAMI INTERNATIONAL ARPT-AAF-Domestic non-scheduled acft taxi to old Army Terminal Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Terminal. Trans International pilots advise twr before landing. Use rnwys only. Equip. on fld intermittently days. Obst lgts on pole line adj Seaboard Airline R.R. Shops between N and S flds inop. All acft landing on E/W or N/S rnwys maintain sufficient alt to clear vehicular traffic on 36th St. and LeJeune Rd. No JP-1 fuel. (3-26)
MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of rng stn when passing Miami NAS. Stay clear of NW corner fld-fighter train. break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700.(11-15)
✱MORRISON FLD (WEST PALM BEACH)-RADIO: Army air/gnd stn now operates on 4765 kcs, in addition to freqs previously published. (4-10)

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MORRISON FLD (WEST PALM BEACH)-RADIO: Glide path transmitter being moved to lctn 1100' E of W end E/W rnwy, 400' S of centerline. Middle mrkr ident. being changed to alternate dots and dashes. (3-17) No 100 oct. (4-9)
NORTH PERRY OLF (HOLLYWOOD)-CLOSED-no facs. (10-28)
ORLANDO AAB-ORLANDO ARPT-Closed to acft exceeding 50,000 lbs except for use alternate destination by scheduled air-carriers. North E/W, West N/S rnwys closed. No 91 oct. (3-12)
PAGE FLD (FT. MYERS)-NW/SE rnwy lgts. tetrahedron inop. (2-11)
PENSACOLA ARPT-Ext Navy train. thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (1-18)
PENSACOLA NAS-CHEVALIER FLD-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Disposition delivery acft land at NAS Chevalier Fld. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear. 34° NNW. Pilots desiring to land at Chevalier Fld ctc Pensacola Navy twr before entering traffic pattern. (4-9)
PETER O. KNIGHT ARPT (TAMPA)-Equip. on fld days. Sodded areas unsafe heavy acft. (1-18)
RICHMOND NAS-LTA-Use in emerg only (caretaker status-no facs).
ST. AUGUSTINE ARPT-All lighting facs inop. (1-25)
SOUTH DADE CO. ARPT (HOMESTEAD)-Landing fee all acft. (3-12)
STENGEL FLD (GAINESVILLE)-Equip. on fld, mrkd. (5-24)
TAMIAMI ARPT (MIAMI)-CFR day oper. Landing fee only to acft carrying passengers or cargo for hire. Equip. on fld intermittently days. (3-12)
TAYLOR FLD (OCALA)-Use rnwys only. (1-23)
VERO BEACH-RADIO: About Apr 22, freq of MH fac will be changed to 359 kcs. (4-8)
VERO BEACH ARPT-Closed to all civil. trans acft. Rnwy 18-36 closed, mrkd. Crash facs not avail. on line. (3-14)
WHITEHOUSE OLF (JACKSONVILLE)-Closed Sundays, used by model acft. Avail. in emerg only. (4-9)
WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction. Taxi lgts being installed. Equip. adj rnwys. (12-9)
WITHAM FLD (STUART)-Use rnwys only. (2-12)

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ALBANY ARPT-Use rnwys only. Wind sock atop Bcn twr inop. (3-31)
★ATLANTA-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (4-2) About Apr 22, VHF range without voice will be comm at lat 33-38-22, long. 84-13-51. Freq. 109.1 mcs. Ident. "YD". Aural courses: 95°,275°; visual courses: 5°,185°. "N" signal to N. Blue sector to W, yellow to E. Will be unattended and should not be used for navigational purposes. (4-9)
ATLANTA ARPT-Const, equip on fld intermittently. Use rnwys ngts. Closed to HB and VHB acft. Trans Army acft use Marietta AAF. Twrs of Rdo Stn WSB 12 mi NE being dismantled, lgtd. 134' water tank being erected 1 mi E. 25' lgtd bldg near N end N/S rnwy. (3-28)
ATLANTA NAS-Avail. sunrise to sunset. After sunset open for landings only. No clearance or svcg. (1-7)
BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)
CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)
CHATHAM AAF (SAVANNAH)-Rot. bcn inop. Exten P-47 NG acft transition training, formation flying and acrobatics 0800 to 1700 all within 35 mi radius. (4-4)
COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-5)
COOK CO. ARPT (ADEL)-Lgts inop. (1-17)

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HEBERT SMART ARPT (MACON)-300' lgtd smoke stack being erected 5 mi SW. (3-12)
HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L. (1-18)
KINGS ARPT (MILLEDGEVILLE)-Soft after rainy weather. (11-6)
LA GRANGE ARPT-Heavy acft use rnwys, taxiways only-grass areas soft. (12-27)
LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)
★LAWSON FLD (COLUMBUS)-RADIO: Apr 10, Army air/gnd stn guards 4765 kcs in addition to other freqs published. FLD: MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2, 32. Right traffic Rnwys 14,20,27; left traffic on Rnwys 2, 9, 32. Closed to all trans traffic except on off. bus. or in emerg until May 1. (3-17)
LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed. (const). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)
MARIETTA AAF-No maintenance 1700-0800. Ltd transportation. Rdo Stn WFOM erecting unlgtd 100' twr 2 mi WSW. (4-11)
MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.
ST. MARYS ARPT-Cattle on fld and rnwys. (1-27)
ST. SIMONS ISLAND-Overwater anti-aircraft firing approx 13 mi E will be conducted between Apr 19 and 23 within the following described area: N bndry lat 31-15-00; E bndry long 81-00-00, S bndry lat 31-05-00; W bndry long 81-10-00.
ST. SIMONS ISLAND NAS-Equip. on fld days. (4-2)
SOUTHER FLD (AMERICUS)-Use strips only-parked acft.
SPENCE FLD (MOULTRIE)-Use rnwys only. All over fld avail. lgt acft only in certain areas. Landing area N of rnwys to be used only by pilots familiar with fld. Grass area adj to rnwys closed (sloped for drainage). (4-8)
THOMASVILLE ARPT-Closed ngts-no lgts. (10-24)
TURNER FLD (ALBANY)-RADIO: Army air to ground stn temp. inop. (2-10)
VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld). (1-16)

IDAHO

**BENNETT FLIGHT STRIP (ANDERSON DAM)-ABANDONED (4-10) See page 21.
BOISE AIR TERMINAL-Use rnwys, taxi strips only-shoulders soft. Non-rdo equipped acft use Rnwy 10L with left approach or Rnwy 28R with right approach when tetrahedron indicates traffic SE or NW. Parking ramp on Nat'l Guard side of fld immediately in front of twr Sw of Rnwy 10R-28L closed to all acft other than mil. (4-9)
BRADLEY FLD (BOISE)-Right traffic SE take-offs and landings. (3-17)
BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (2-22)
★COUER D'ALENE-RADIO: VHF voice fac comm at Commun Stn Apr 9. Transmits on and guards 116.1 mcs cont.
DU BOIS-RADIO: About Apr 11, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (3-24)
GOODING-RADIO: Soon, guard will be established on 122.1 mcs. Stn will then guard 3105,4495,6210,3117.5 kcs., 116.1,122.1 mcs.
GOODING ARPT-Use strips only-sod unsafe (erosion). (3-1)
GREEN MEADOWS ARPT (EAGLE)-Right traffic NW take-offs and landings. (3-17)
IDAHO FALLS-RADIO: Soon, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. (3-22)

IDAHO

★MALAD CITY-RADIO: Apr 8, VHF voice fac comm at commun stn. Transmits on and guards 116.1 mcs.
MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.
POCATELLO-RADIO: VHF voice, transmitting and rcvg facs will be comm soon on 116.1 mcs. (3-22)
POCATELLO ARPT-6' ceilometer projector in center of grass strip running parallel with Rnwy 5-23 and approx 75' S of rnwy at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. (1-24)
POCATELLO AAF-RADIO: Army air to ground stn. temp inop. (2-10)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (3-14)
★STREVELL-RADIO: VHF voice fac comm at commun stn Apr. 3. Transmits on and guards 116.1 mcs cont.
TWIN FALLS ARPT-Use strips only, soft when wet. (2-21)

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ALBERTUS ARPT (FREEPORT)-Const. Use N/S, NW/SE rnwys, soft when wet. Land within rnwy mrkrs. (2-25)
ASHBURN ARPT (CHICAGO)-Avail. lgt acft under 2000 lbs only. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const-usable with ctn. Do not turn off cinders onto grass. (1-27)
AURORA ARPT-Closed to acft over 2000 lbs until May 1. (4-5)
CASEY ARPT-Red flag on windsock indicates strips too soft for safe oper, green flag indicates strips in good condition, orange flag indicates right traffic. (2-26)
★CHANUTE FLD (RANTOUL)-RADIO: Army air/gnd stn transmits on and guards 4765 kcs in addition to freqs previously published. (3-25) FLD: Ltd parking. (2-12)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed (const). (3-3)
★CHICAGO ARPT-RADIO: GCA service test being conducted on 24 hr basis. Unit aligned for approach from NW on Rnwy 13R. Transmits on 350 kcs., 109.5, 126.18 mcs. Rcvs on 3105,4495,6210,3117.5 kcs., 126.18,118.1,118.7,122.5 mcs. Pilots desiring to make runs should make arrangements thru Chicago Twr. No IFR oper. (4-3) Bndry mrkr decomm. Middle mrkr will be lctd at middle compass lctr site, 0.71 mi NW of the NW end of Rnwy 13R-31L keyed six dots per sec. Outer mrkr being relctd from present site to 5.80 mi NW of the NW end of Rnwy 13R-31L, keying two dashes per sec. (4-4) FLD: Equip. 32' E of W edge of 400' ramp in line with center of new Terminal Bldg, mrkd by barricades and lgtd ngts. Equip. E ramp 46' S of central section near Terminal Bldg. Const steel 60' high W of Rnwy 22 center at the NE corner of fld. Snow extension lgts 22' above grade on Rnwys 31L, 36R, 27L, mrkd. GCA truck and trailer lctd near center of fld, lgtd. NE/SW rnwy closed, unlgtd (parking area). Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Terminal Bldg upon arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before take-off. Hangar under const N side fld. Ctn when taxiing. (2-14)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
CHICAGO-ORCHARD ARPT (CHICAGO)-Landing fees same as Chicago Arpt. Trans acft register in city office on S side of fld. (2-14)
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (3-27)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (2-20)
EFFINGHAM INT, SITE 10, LS-ID-Soft, unsafe,all acft. (4-13)
EFFINGHAM CO. MEMORIAL ARPT (EFFINGHAM)-CLOSED. (1-14)
FLORA ARPT-NE/SW strip under const. (12-10)

ILLINOIS

GALESBURG MUN. ARPT-W bndry rough. (3-28)
GLENVIEW NAS-Prior approval reqd all acft expecting to RON except off. bus. Non rdo equipped acft land on N mat only. Closed after sundown except in emerg or by off. prior arrangement. (12-23)
JOHNSBURG ARPT-Equip. on fld. (3-18)
JOLIET ARPT-SITE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0800 on req. (1-18)
LEWIS-LOCKPORT ARPT (LOCKPORT)-Use strips only. Stay on gravel when wet. (3-16)
MARION ARPT-Ext, train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. (1-23)
MOLINE ARPT-75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. Pwr shovel with 30' boom SW end NE/SW rnwy. (1-30)
MOUNT VERNON ARPT. E/W strip mrkd with flare pots, dusk to dawn. Serve as mrkr lgts only. (4-7)
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges. Use rnwys only in thawing weather. (2-24)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
ST. DAVID ARPT-Closed to cross-country acft. No svcg avail. N/S strip closed. New arpt under const 6 mi N. (6-13)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (3-31)
★SCOTT FLD (BELLEVILLE)-RADIO: Apr 11, Army air/gnd stn freqs of 2936,4630 kcs discont.
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. Closed ngts. (4-5)
STOCKTON ARPT-Strips soft during thawing weather. (2-20)
WAUKEGAN ARPT-NW corner NW/SE rnwy, W end E/W rnwy usable except in wet weather. (1-20)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (4-7)

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AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BAER FLD (FT. WAYNE)-Svcg 0800 to 1700 only. (2-21)
BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (3-26)
BLOOMINGTON ARPT-Needs rolling. Soft when wet. (9-26)
BRIGHTWOOD ARPT (INDIANAPOLIS)-Fld under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (1-17)
CAMPUS ARPT (BLOOMINGTON)-CLOSED (muddy). (1-15)
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only. (5-23)
CHARLESTOWN ARPT-2000' E/W strip under const. Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (1-20)
COLUMBUS ARPT-Turn off rnwys ontp taxi strips after landing. Use rnwys only. (3-31)
EVANSVILLE ARPT-Use rnwys only. Equip. on fld days. (1-18)
GARY ARPT-Water on fld. Soft in wet weather. Extreme ctn landing, taking off. (1-14
HULMAN FLD (TERRE HAUTE)-Use rnwys only (erosion). (1-16)
HUNTINGBURG INT, SITE 19, LS-LV-Equip. on fld days. (3-20)
HUNTINGTON MUN. ARPT-SE end NW/SE strip freshly filled. Not firm. (11-13)
INDIANAPOLIS-RADIO: GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212 kcs., 126.18 mcs, receives on 3105, 4495,6210,3117.5 kcs., 126.18 mcs. Pilots desiring to make practice runs should make arrangements thru Indianapolis Twr, Indianapolis Radio or airline ground stn

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at Indianapolis. All flights must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intermittently at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE/SW rnwy. Exper radio range with 5 lgtd 131' twrs operating intermittently at Avon, Ind, 7 mi NW of arpt on 172 and 194 kcs. Low pwr (holding mrkr), 75 mcs, 10 mi SW of arpt on ILS lclzr course, keying "U" tone 3000 cycles temp inop. (11-22)

INDIANAPOLIS ARPT-Use rnwys only. Pilots of mil and trans acft register with registrar in Admin Bldg Lobby. Rnwy 18L-36R closed. 1 Bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner operating intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts. Exper slop line (glide path) approach lgt sys installed W end of Rnwy 9-27. Lgts consist of 3 pairs of red tublar lgts spaced 100' apart with first pair lctd 100' W or rnwy. The outer 2 pairs show red only on approach side; the inner pair show red on approach and rnwy sides. The high end of outer unit is 8' and high end of inner units is 5'. Operate normally with rnwy ctc lgts. (4-9)

KENDALLVILLE MUN. ARPT-Const. Strips not turfed. (11-13)

KOKOMO ARPT-Use rnwys only-turf soft. (3-11)

LA PORTE ARPT- Bndry, range lgts inadequate, in need of repairs. (9-19)

MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (1-20)

MILROY INT, SITE 5, CC-CG-CLOSED (soft). (1-21)

MORGANTOWN-RADIO: FM on S course Indianapolis Range will remain in oper on exper basis. (11-8)

MUNCIE ARPT-Hangar under const along S bndry. (1-24)

MYERS FLD (FT. WAYNE)-Avail. with ctn. Soft during wet weather. (3-23)

PLYMOUTH ARPT-E/W strip avail. NNW/SSE, NE/SW strips avail. with ctn. (1-23)

PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Taxi straight to end of fld; then taxi within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. Const NE end of fld. (1-18)

SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft. Const area mrkd. (1-21)

SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft, (1-16)

STARKE CO. ARPT (KNOX)-N/S strip soft. (11-4)

STOUT FLD (INDIANAPOLIS)-Crash equip. avail. 0800 to 1700 daily only. Ltd svcg facs. Lgts on prior req. (3-20)

**TEMPLETON ARPT (GREENSBURG)-ABANDONED. (4-1). See page 56.

TRI STATE ARPT (ANGOLA)-Strips rough in places. N/S strip closed to trans acft. (1-26)

URSCHEL FLD (VALPARAISO)-Strip soft in wet weather. (2-16)

WELLS CO. ARPT (BLUFFTON)-Closed during thawing weather. (3-28)

WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No-wind conditions land to W. (1-20)

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AUDUBON AIRWAYS ARPT (AUDUBON)-Fld rough.

CEDAR RAPIDS ARPT-Use rnwys, taxi strips only. (3-22)

CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. N 1/2 N/S, NW 1/3 NW/SE strips soft or muddy until approx Apr 24. (4-2)

CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)

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DES MOINES-RADIO: Soon, Indianola approach FM (bone shaped) will be comm at lat 41-21-30, long. 93-36-12, 9.9 mi SE of the Des Moines low freq range and 0.45 mi E of the centerline of the SE course. Ident. three dashes.

DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed. Use rnwys only. Area off SE end NW/SE rnwy closed to taxiing, mrkd. (4-6)

DUBUQUE ARPT-Use rnwys only, fld flooded. (4-10)

ELKADER ARPK-Strips rough and rolling. (2-11)

HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (4-3)

IOWA CITY ARPT-Avail. days only. Use rnwys, taxi strips only. Sod adj rnwys, taxi strips freshly seeded, graded. (1-18)

MASON CITY ARPT-Landings and take-offs prohibited on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N/S rnwy unusable. (1-14)

SIOUX CITY ARPT-Blinding 30 million candle pwr ceilometer 1000' N of Admin Bldg. No svcg mil acft 1700 to 0800. Lgts on Rnwys 17-35, 13-31, dim-flares in use ngts. (3-10)

WINTERSET ARPT-NNE/SSW strip rough. Low fence at each end. (1-20)

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ALLMAN ARPT (LENEXA)-Use strips only. (4-2)

ATWOOD ARPT-Soft when wet. (3-26)

BEECH ARPT (WICHITA)-During damp weather, use rnwys only. (4-2)

CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags. (2-6)

★CHANUTE-RADIO: Apr 13, range freq. changed to 284 kcs., 116.1 mcs. Courses ground-checked only. These data rcvd too late for inclusion on data page and charts.

DODGE CITY ARPT-Blinding 25 million candle pwr ceilometer projector installed 1000' NW of Admin Bldg. E/W rnwy closed. Parked acft on fld N and S of Admin Bldg due to partially completed const on parking area. Hangars being built NW Admin Bldg. (4-11)

DOWNS ARPT-When taking off to the S or E use right traffic. (9-30)

FT. RILEY-AA firing conducted immediately N of Marshall Range Stn.

GARDEN CITY AAF-No svcg or maintenance avail (2-7)

★GOODLAND-RADIO: VHF range decomm. (4-7)

GOODLAND ARPT-Rnwy sides soft when wet. (2-21)

★HUTCHINSON-RADIO: Apr 11, range freq. changed to 227 kcs., 116.1 mcs. Courses ground-checked only. These data rcvd too late for inclusion on data page and charts. Rcvg facs on 122.1 mcs comm Apr 14.

HUTCHINSON MUN. ARPT-Heavy acft use rnwys only. Tetrahedron inop. (3-15)

HUTCHINSON NAS-CLOSED-no facs. (11-25)

INDEPENDENCE AAF-Svcg, opers avail. 0800 to 1800 only. Only N/S rnwy nearest ramp avail. (2-5)

JANSSEN SKYTEN ARPT (McPHERSON)-E/W strip soft when wet. (3-4)

LARNED MUN. ARPT-SW 1/3 of NE/SW and NW/SE strips muddy in wet weather. S 1/2 N/S strip under const. (3-19)

MANKATO ARPT-Strips soft when wet. (3-28)

MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (2-10)

★MORLAND-RADIO: VHF range decomm. (4-7)

OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range.

OLATHE NAS-Closed 1800 to 0800-flights desiring landing during these hrs must notify opers before 1600. (6-13)

OLATHE OLF NO. 2-Use in emerg only-no facs.

OLATHE OLF NO. 4-Use in emerg only-no facs.

OLATHE OLF NO. 7-Use in emerg only-no facs.

OLATHE OLF NO. 9-Use in emerg only-no facs.
★SALINA-RADIO: VHF range decomm. (4-7)
SANTANTA ARPT-Strips soft in wet weather. (2-19)
SHARON SPRINGS ARPT-Cattle outside strips. (4-2)
★SHERMAN FLD (FT. LEAVENWORTH)-RADIO: Apr 11, Army air/gnd stn freqs of 2936,4630 kcs discont. FLD: Left traffic on Strips 12,15; right traffic on Strips 30,33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. (4-11)
SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) inop indefinitely. (4-1)
TOPEKA-Inst flying radio range ngt, day. Call Topeka Radio at least 20 mi out before flying range.
★TOPEKA-RADIO: VHF range decomm. (4-7)
★WALDO-RADIO: VHF range decomm. (4-7)
★WICHITA ARPT-RADIO: Apr 8, middle compass lctr comm. See pages 80, 82. Outer compass lctr comm Apr 11, 5.36 mi S from S end N/S rnwy. Freq. 317 kcs. Ident. "W". These data rcvd too late for inclusion on data page. FLD: Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (1-31)

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ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (2-5)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (1-29)
BOWLING GREEN ARPT-Use rnwys only.
CAMPBELL AAF (HOPKINSVILLE)-No mechanical or refueling svc avail.; use Smyrna AAB for refueling and maintenance. Opers closed 1630 to 0800. Only Rnwy 4-22 avail.; other rnwys closed for const. Wind tee rmvd; wind sock only avail. Lgts inop. (4-4)
GODMAN FLD (FORT KNOX)-RADIO: Army range unreliable;use primarily as homing fac. (4-5).FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. Opers office open 0600 to 2400; after 2400 avail. upon 12 hr prior notice. (12-26)
GREATER CINCINNATI ARPT (COVINGTON)-Ctc lgts Rnwy 27 inop. Flare pots on approach end, middle and far end of rnwy. Use rnwys, taxi strips only, sod portion fld soft. (3-22)
JODY FLD (LONDON)-Const-use rnwy N of hangars only. (1-11)
★LEXINGTON-RADIO: Apr 3, VHF range without voice flight-checked and comm at lat 37-58-00, long. 84-28-15. Freq. 108.3 mcs. Ident. "LM". Visual courses: 165°, 345°; aural courses: 75°, 255°. "N" sector to N. Blue sector to E. Comm without monitor or auto. standby equip. and therefore is avail. for navigational purposes with these limitations. (4-9). These data rcvd too late for inclusion on chart and data page.

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★BARKSDALE FLD (SHREVEPORT)-RADIO: Army GCA sys also transmits on and guards 3117.5 kcs on req. (4-10) FLD: Liaison type acft land Rnwy 14R-32L. Exten training, heavy acft. GCA unit on right and left hand side of center rnwy, lgtd. No 73 or 91 oct avail. (1-24)
COTTON VALLEY ARPT-E/W strip closed. (1-23)
CROSS LAKE SKY HARBOR (SHREVEPORT)-Land only in area in front of Base. (2-13)
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd. with white flags. (1-27)
HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1600 only for acft in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil. acft may land during daylgt hrs after making prior arrangements with Arpt. Manager, City of Houma. (1-10)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. (3-13)
JENNINGS ARPT Use strip only. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. Right traffic when landing S and W. (3-19)
LAFAYETTE ARPT-Use rnwys only. (1-20)
★LAKE CHARLES MUNICIPAL ARPT-RADIO: Army twr decomm Apr 1. FLD: Blinding 30 million candle pwr ceiling lgt installed Stn WBAS. Operates during cloudy conditions. Lgt gun signals from Army control twr for non- rdo-equipped acft. Two 195' twrs 3.5 mi NW under const, lgtd. Fuel for mil acft avail. 0700 to 2300. (4-4)
LE GROS MEMORIAL ARPT (CROWLEY)-170' twr being erected 9 mi NE (55° true).Will be lgtd upon completion. (3-24)
MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: All components of CAA ILS shut down Apr 14 for modernization. Will be recomm About Apr 25. Lcizr installation will incorporate voice feature and ident. "NO". Middle mrkr will be lctd 3530' W of the W end of E/W rnwy, keyed alternate dots and dashes. Compass lctr will be installed at outer mrkr site, 3.92 mi W of W end of E/W rnwy, ident. "L", freq. 254 kcs. (4-14) FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. (2-4)
MONROE ARPK-Avail. days only. (12-20)
NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Closed to all Army acft except primary, basic and advanced (not including converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64, liaison acft, helicopters and autogyros. (3-26)
NEW ORLEANS NAS-Closed to all acft exceeding 9000 lbs. Avail. 0800 to sunset. (2-28)
SELMAN FLD (MONROE)-Obst lgts atop twr inop. Equip. on fld. (12-27)
SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)
SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. 185' rdo twr being erected 4 mi SW (230° true) (3-26)

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AUGUSTA ARPT-Rnwys 3-21,12-30 will not be plowed remainder of winter. Ctc lgts avail. Rnwy 17-35 only. Rot. bcn inop intermittently. (4-9)
BRUNSWICK NAS-Closed to all but off. flights (caretaker status-no facs).
DOUGLAS FLD (BRUNSWICK)-Avail. emerg use only. Right traffic when wind from the S. (8-28)
★DOW FLD (BANGOR)-RADIO: CAA ILS ground-checked only Mar 28, following repairs modulation change to 20-20 percent. Army air/gnd stn now operates on 4765 kcs in addition to freqs previously published. (4-10) Army air/gnd stn now in cont oper. (4-1) FLD: E/W rnwy closed. Use concrete portion fld only. Ltd transportation and maintenance facs. Indicated Rnwy markings are nearest mag heading rather than true heading. (3-19)
FARMINGTON ARPK-Rnwy direction to be changed approx 5° westerly on N end. (9-24)
HOULTON ARPT-Closed except to scheduled airlines and local opers. Other acft land by prior permission from Resident Engineer, fone 2211. Rnwy lgts inop. (3-26)
LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)

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MILLINOCKET-RADIO: Auto. rng monitor. sys temp inop.
MILLINOCKET ARPT-NW 1000' NW/SE rnwy closed. Ctc and bndry lgts inop.(4-4)
NORRIDGEWOCK ARPT-CLOSED - use in emerg only.
OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (2-24)
PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop). (1-18)
PRESQUE ISLE AAF-RADIO: Army VHF and HF DF stn temp inop. FLD: When landing Rnwys 28,16 hit short and slow down before intersection; on Rnwys 10, 34 land beyond intersection. No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC flights. Svcg trans acft 0800 to 1700 only. (4-14)
RAYMOND'S ARPT (PHILLIPS)-Avail. ski-equipped acft only. (1-26)
SCARBORO ARPT-CLOSED (soft). (3-31)
STOVER ARPT (FREEPORT)-Use with ctn until frost out of grnd. (3-31)
TOMLINSON FLD (SKOWHEGAN)-Avail. ski-equipped acft only. (4-1)
WESTON FLD (MADISON)-Avail. emerg only. (4-2)

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BALTIMORE-RADIO: CAA rng conversion to simultaneous oper and realignment of N course to 195° delayed indefinitely. (4-3)
BALTIMORE ARPT-No crash equip. ngts. Use rnwys, taxiways only, other areas soft. Equip. on fld. Unlgtd boats with 120' masts anchored in harbor S and W of fld. Smoke stacks NW and SE. Rdo rqrd between sunset and sunrise. (3-14)
BALTIMORE MUN SEAPLANE BASE-Land at own risk (floating logs and debris). Control launch and other services not avail. commerical operators except by prior arrangement with BOAC. Ctc Baltimore Twr for landing pattern. (3-11)
BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (12-5)
EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat and Sun. Operates Mon thru Fri 0800 to 1600. (3-14)
ERCO ARPT (RIVERDALE)-Do not land on diagonal taxi strip due to softness and holes. Soft shoulders off rnwys. Avail. days only. (2-19)
GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (2-19)
HAGERSTOWN ARPT-Acft parked on hangar and factory apron, also along W bndry of fld just W of the N end of the N/S rnwy and N of the W end of the E/W rnwy. Use ctn in landing and taking-off in area off rnwys. (2-18)
KENT ARPT (WORTON)-Landing area under const. (3-17)
LEE ANNAPOLIS ARPT (ANNAPOLIS)-NE/SW rnwy and black-topped taxiway avail. unsuitable for acft heavier than twin-engined type. (2-13)
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. Trans or lcl traffic, not landing at fld, should avoid fld traffic patterns or approaches. (1-22)
★PATUXENT RIVER NAS-RADIO: Navy rng freq changed to 215 kcs. Rng flgt-checked and correctly aligned. (4-3) FLD: Taxi strips adj and parallel to Rnwy 13-31 between rnwys 2-20, 6-24 closed. Ditches adj Rnwy 9-27, mrkd. Equip. on fld. (2-24)
★PHILLIPS FLD (ABERDEEN)-RADIO: Army twr freq changed to 215 kcs, 126.18 mcs. (4-10) FLD: CLOSED TO ALL TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Ltd svcg. No maintenance or RON. (3-17)
SALISBURY-RADIO: VHF rng will be comm soon at lat 38-19-22, long. 75-24-59. Freq. 109.1 mcs. Ident. "FY". Visual courses: 42°, 222°; aural courses: 132°, 312°. Var. 8°W. Class : VARW. (3-22)
SALISBURY ARPT-Use rnwys only. (2-17)
SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (9-24)

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WEBSTER FLD (PRIEST POINT)-Closed except on 24 hr. notice.

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BARNES ARPT (WESTFIELD)-Oper of arpt bcn days only indicates scheduled airlines in vcnty arpt. Acft proceed with ctn when bcn lgtd. Ctc Westfield Rdo for lgts. 139' unlgtd tank under const 5500' SW. No ctc lgts. (3-24)
★BEDFORD AAF-RADIO: H fac on 522 kcs, previously listed as Navy, is now operated by AAF. (4-1)
BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (9-1)
CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay.
EASTHAM AIRFLD-Rough. (11-13)
GRAFTON ARPT (NORTH GRAFTON)-CLOSED. (soft, rough) (3-15)
GREYLOCK ARPT-Temp closed. (1-27)
LA FLEUR ARPT (NORTHAMPTON)-Const. until approx Apr 29. Grading 800' by 300' center of fld, mrkd. Equip. on fld. Closed ngts. (4-8)
LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)
LOGAN ARPT (BOSTON)-RADIO: CAA ILS oper for test purposes only now shut down until further notice.(4-4) FLD: Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo, and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing All trans pilots must register at office of Arpt Manager and pay fees. Pilots will be denied clearance until fees are paid. Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. New 5900' Rnwy 15-33 and Rnwy 4-22 avail.-NE 100' Rnwy 7-25 unsafe. 100' floating derrick SW end Rnwy 4-22, mrkd. New hangar being erected SW corner of old fld, lgtd. (12-15)
MANSFIELD ARPT-Open week-ends only. (2-3)
MARLBORO ARPT-Avail. sunrise to one hr after sunset. (2-22)
MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (4-4)
MYRICKS ARPT-Wires on S end N/S strip. (4-1)
OTIS OLF (FALMOUTH)-Use in emerg only (caretaker status - no facs).
PITTSFIELD ARPT, SITE 3B, AZ-BW-Land according to wind sock. (4-2)
PROVINCETOWN FLD-Closed to acft over 3200 lbs. (2-27)
REVERE ARPT-Right traffic on Rnwys 2, 33, 35. Const on seaplane base 1000' N of arpt. Booms day, ngt. (2-19)
RICHARDSON ARPT (DRACUT)-Intersection of two strips muddy when wet. Heavy acft use wide pattern on downwind leg for WSW landing to avoid turkey farm 1000' from rnwy. (3-15)
SPRINGFIELD ARPT-Lgts inop. (6-24)
★SQUANTUM NAS-RADIO: Navy GCA unit now operating on 30 minutes notice. Tentative weather minimums, ceiling 200', visibility 1/2 mi. (4-2) FLD: Equip. at bndry and on fld. Fld avail. 0800 to 30 mins prior to off. sunset. Truck and two trailers 30' high on Rnwy 2-20, 150' S intersection Rnwys 14-32, 2-20, lgtd. (3-27)
STEVENS FLD (NORTH ADAMS)-Temp closed. (1-29)
WESTFIELD-RADIO: Sharp bend 5 mi S of rng stn on 27° inbound leg. Condition intermittent. (2-8)
WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army ILS (SCS-51) is in oper, but unreliable awaiting flgt-check. (4-1) Army GCA sys also transmits on and guards 3117.5 kcs. (4-10) Army air/gnd stn freq of 2890 kcs inop. (4-5) FLD: All acft

MASSACHUSETTS

on IFR approaching fld from NE will follow Amber 7 to Boston, thence follow Red 11 to Gardner intersection (W course of Boston Rng and NE course Westover Rng). Acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing let-down procedures as disseminated from fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descendby Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover approach control, all instructions will be followed which are transmitted by Westover Approach control. (2-19) Red bcn atop Mt. Nanatuck inop. (2-28)

MICHIGAN

ABRAMS ARPT (GRAND LEDGE)-Unsafe (snow). (3-29)
ADRIAN CITY ARPT (ADRIAN)-SW corner fld unsafe for landings and take-offs. Strips soft when wet. (2-20)
ANN ARBOR ARPT-Use rnwys only. Taxi. strips being widened, apron and parking areas being enlarged. Equip. on fld. (6-14)
BAKER'S FLD (PORT HURON)-Use strips only. Fresh fill E 1/2 N/S strip from intersection to S end, also SW end NE/SW strip. Soft when wet. (2-25)
★BISHOP ARPT (FLINT)-RADIO: CAA twr now guards 3105,4495,6210,3117.5 kcs, 118.3,122.5 mcs. (4-7) FLD: Three 170' lgtd twrs Rdo Stn WWOK under const 4.5 mi E (82°) true. Use rnwys only, soft. Unmrkd acft parked on fld within 500' of bldgs. (4-8)
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tri-cycle gear acft.bal taxi strip being cleared of trees and brush. Other strip usable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of centerline of approach. (4-9)
CALVIN CAMPBELL MUN ARPT (INDIAN RIVER)-Emerg use only. (3-21)
CAPITAL CITY ARPT (LANSING)-Use center of rnwys only. Soft spots and broken blacktop on NE/SW rnwy near intersection E/W rnwy. N/S rnwy avail. taxiing only. Equip. on fld days. Acft parked W side fld E of apron. (4-2)
DALTON ARPT (FLUSHING)-Ctn during wet weather. (4-11)
DETROIT NAS-Closed 1700 to 0800. (9-14)
DR. HAINES FLYING FLD (THREE RIVERS)-Use strips only. (2-24)
EMMET CO. ARPT (PELLSTON)-Closed ngts. (2-17)
FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (2-14)
★FLINT-RADIO: VHF voice fac comm at commun stn Apr 7. Transmits on and guards 116.1 mcs.
FORD ARPT (DETROIT)-CLOSED. Avail. emerg use only. Use rnwys only. (3-31)
GRAND RIVER ARPK (COMSTOCK PARK)-CLOSED (soft, high water). (4-5)
GRIDLEY ARPT (YPSILANTI)-Strips unusable when wet-muddy. Land on sod with ctn. (2-14)
JAMES CLEMENTS ARPT (BAY CITY)-Use rnwys only. Closed ngts. (3-12)
JEWETT ARPT (MASON)-Ctn on strips and taxiways when wet. (2-21)
KELLOGG FLD (BATTLE CREEK)-Equip. on fld. (2-22)
LAPEER ARPT-N end of NW/SE diagonal strip rou gh. (2-19)
LEACH AERO SERVICE ARPT (HARTFORD)-NE/SW strip under const. (11-16)
LINDBERGH ARPT (KALAMAZOO)-Avail. ngts in emerg. Land in accordance with wind tee lctd midway between NW end NW/SE and N end N/S rnwys. Use rnwys only. (2-19)
MACKINAC CO. ARPT (ST. IGNACE)-Use rnwys only. (4-5)
McKINLEY ARPT (FRASER)-Avail. to lgt acft only in dry weather. (4-26)
MILAN ARPT-Fld soft in wet weather. (2-19)
MOUNT PLEASANT ARPT-Strips soft in wet weather. (2-14)
MUSKEGON CO. ARPT-Use rnwys only-rough. (2-21)
OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO. ARPT (GAYLORD)-Avail. during winter months with ctn. (12-2)
PELLSTON-RADIO: Soon freq of MH fac will be changed to 209 kcs. (3-31)
PLANE HAVEN ARPT (STANTON)-CLOSED. (3-15)
PRICKETT FLD (SIDNAW)-Avail. ski-equipped acft only. (3-27)
ROMULUS-RADIO: R ng flgt-checked Apr 9, courses correctly aligned.
ROMULUS AAF-No lgts or rdo. (4-7)
ST. CLAIR CO. ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37°) true, temp lgtd. Use strips only-soft when wet. (4-3)
SAULT STE. MARIE ARPT-Loose gravel on N/S rnwy. Use rnwys only. (4-8)
★SELFRIDGE FLD (MT. CLEMENS)-RADIO: Army air/gnd stn now operates on 4765 kcs in addition to freqs previously published. (4-10)
SKYHAVEN ARPT (SAGINAW)-CLOSED until approx May 14. (const) (4-11) These data rcvd too late for (R) symbol.
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (2-19)
TRAVERSE CITY ARPT-Obst lgts S end N/S rnwy inop. (4-3)
TWIN CITIES ARPT-ROSS FLD (BENTON HARBOR)-Use rnwys only-shoulders and fld soft after heavy rains. 235' bdcasting twr under const 4 mi SW. Will be completed approx June 1 and lgtd with obst bcn. Pilots clear area 1 mi. (3-28)
WASHTENAW ARPT (ANN ARBOR)-Use rnwys only. Avail. days only. (2-20)
WILLOW RUN ARPT (YPSILANTI)-RADIO: Lclzr, glide path and mrkrs of CAA ILS will be comm soon. (3-28) FLD: Equip. on fld. Trucks on NE/SW taxi strip. Trenches and const of ILS bldgs on fld, mrkd. (2-14)

MINNESOTA

ALEXANDRIA-Use rnwys only, soft. (4-9)
AITKIN MUN ARPT-Const. (3-18)
APPLETON ARPT-Use rnwys, taxi strips only. (2-14)
BENSON ARPT-Use strips only. (2-28)
BLUE EARTH ARPT-NW/SE strip under const. (12-3)
CAMP RIPLEY ARPT (LITTLE FALLS)-Not maintained. (10-30)
COLERAINE ARPT-Slightly rolling. Const on fld. Usable in N/S and NW/SE direction only. (11-5)
DECKER ARPT (AUSTIN)-Acft over 3500 lbs use caution. Fld under const. (12-4)
DETROIT LAKES ARPT-Use strips only. (11-7)
FARIBAULT ARPT-Closed to all acft weighing over 5000 lbs. (5-16)
FERGUS FALLS ARPT-Graded and seeded landing strips. (11-7)
FLYING CLOUD ARPT (MINNEAPOLIS)-Strips leveled and seeded. E/W, NW/SE graded and seeded in spring. (12-11)
GRAND RAPIDS ARPT-Graded and seeded strips. (11-5)
KENYON ARPT-Rolling strips. NE/SW strip slopes to the NE. (12-2)
MANKATO ARPT-Strips soft during spring thaws. Closed to all multi-engine and heavy single engine acft. (4-1)
MARSHALL ARPT-Newly graded and seeded strips. Use with ctn. (11-20)
MOBERG SEAPLANE ANCHORAGE (BEMIDJI)-Avail. ski-equipped acft only until spring. (12-19)
MONTEVIDEO ARPT-Strips muddy when wet. (2-14)
NEW ULM ARPT-E/W strip has 10' hill. Use with ctn. (11-1)
ORTONVILLE ARPT-Temp closed (const). (6-20)
ST. PAUL ARPT-Use rnwys, taxi strips only. (3-31)
THIEF RIVER FALLS MUN. ARPT-CLOSED. (4-8)
TRI-MONT ARPT (TRIUMPH)-Leveled landing strips newly seeded. (11-22)
UNIVERSITY OF MINNESOTA ARPT (NEW BRIGHTON)-N end N/S strip rough. (4-3)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center - parked acft.
VIRGINIA ARPT-Rough. (4-1)

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WILLIAMSON-JOHNSON AIRPORT (DULUTH)-Use rnwys only. (11-8)
WILLMAR ARPT, SITE 16, HR-MP-CLOSED (soft). (4-14). These data received too late for (R) symbol.
★WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-RADIO: April 11, Army air/gnd stn freqs of 2936, 4630 kcs discont. FLD: Foreign Clearing Stn for Musk-Calf Project Flights. Ltd maintenance facs, no parking facs for Army acft temp. Exper horizontal neon lgt installed on fence 300' S of S end N/S rnwy. Use rnwys only-soft. (4-3)

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AUGUSTINE FLD (JACKSON)-Parked acft rmvd. (3-14). These data rcvd too late to delete (O) symbol.
BASS FLD (LULA)-Landing area rough. (11-13)

BONITA ARPT (MERIDIAN)-CLOSED. (3-31)
CARROLL CONE ARPT (TUPELO)-Equip. and stakes on fld. (1-2)
COLUMBUS AAF-Use rnwys only.
GREENWOOD-RADIO: Flight-checked Apr 3, courses correctly aligned.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (1-22)
GRENADA ARPT-NE/SW rnwy closed. (6-28)
GULFPORT MUN. ARPT-Avoid flying over area directly off SW corner. Entire sod fld avail. (4-1)
HAWKINS ARPT (JACKSON)-Two 115' temp lgtd stacks 1.5 mi SE. 136' water tank being erected 3.5 mi SSE (153°) true. Temp lgtd during const. (4-11)
JACKSON CO. ARPT (PASCAGOULA)-Trans acft use rnwys only-drainage grills under grass. (5-17)
KEESLER FLD (BILOXI)-Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way radio. 20' boom NE corner NE/SW rnwy, mrkd. (10-17)
KEY FLD (MERIDIAN)-Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off path Rnwy 4. Obst lgts atop Admin Bldg, 2 hangars and arpt bcn E side fld, bndry lgts, tetrahedron lgts, and all rnwys lgts except on NE/SW rnwy inop. (3-14)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
L.B. STRANGE FLYING SERVICE (TUTWILER)-Being seeded. (11-14)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
MARKS ARPT-Ctn in wet weather. (2-21)
McCOMB ARPT-West 1/3 of E/W strip unusable. (2-17)

YAZOO CITY CO ARPT (YAZOO)-Use N/S strip only, bal fld soft. (2-17)

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BAILEY'S ARPK (CHILLICOTHE)-NE/SW strip unusable when wet. (12-13)
BAILEY'S ARPT (BROOKFIELD)-Use strips only. (9-20)
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (2-17)
CHILLICOTHE ARPT, SITE 7, KC-CG-Sod areas soft when wet, slightly rough when dry or frozen with portions slightly rutted with tire tracks. Use ctn. Avoid unmrkd ditches SW side SE end of paved rnwy and SE edge NE/SW rnwy SW of CAA weather stn. (3-10)
★COLUMBIA-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (4-3)
COLUMBIA ARPT-Heavy student traffic. Ngt flying 3 mi radius fld. Sod at runwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding 20 to 30 million candle pwer ceilometer 1000' E of rot. bcn. Equip. on fld days. (3-7)
DAVIESS CO ARPT (GALLATIN)-Use ctn until further development. (5-12)
FAYETTE ARPT-Closed during winter-available lgt acft in emergency only. (11-29)
FORDYCE FLD (BETHANY)-Hangar under const. (9-19)

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HARRIS FLD (CAPE GIRARDEAU)-Use strips only-parked acft.
HARVEY PARKS ARPT (SIKESTON)-Use rnwys only-parked acft.
INDEPENDENCE ARPT-CLOSED (3-14)
JEFFERSON CITY ARPT-E/W, N/S strips avail. lgt acft only-sod soft when wet. NE/SW strip avail. twin-engine acft not exceeding weight of C45-C78. (5-11)
JOPLIN ARPT-Obst lgtd NE end NE/SW rnwy inop. (2-22)
KANSAS CITY ARPT-RADIO: CAA ILS modulation in progress with sys in oper intermittently. Will be recomm soon. (3-12) FLD: Avail. mil acft not exceeding 50,000 lbs. Army acft rstd from refueling except in extreme emerg. No. 1 neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Unlgtd levee along N side fld raised to 20' above fld level. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. Obst lgt atop dike and on the extension of center line of N/S rnwy. Heavy acft use rnwys and taxi strips only. Const immediately N of Terminal Bldg-ctn when parking acft this area. (3-28)
KANSAS CITY-GRANDVIEW ARPT (KANSAS CITY)-Sodded areas soft. (2-24)
KING ARPT (HOUSTON)-Staked for impending const. (4-2)
KIRKSVILLE ARPK-CLOSED UNTIL SPRING.Emerg use only. (11-13)
KIRKSVILLE ARPT,SITE 12, KC-CG-Sod portions fld soft. Heavy acft use N/S rnwy. (4-15)
LAMBERT FLD-ST. LOUIS ARPT (ST. LOUIS)-Closed to non-rdo equipped acft. Const E, SE bndry fld. Navy facs closed 1700 to 0800 except when Opers Officer notified 2 hrs prior to 1700. 3' ditch, 200' wide E edge rnwy 34 between approach end and intersection of rnwys 6 and 24. lgtd ngts. Equip. on fld days. (3-29)
MARYVILLE MUN. ARPT-Use strips only (9-18)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (2-20)
NEUBEISER OLF (ST. LOUIS)-Use in emerg only (caretaker status-no facs)
★NEW FLORENCE-RADIO: Stn now gds 3105,4495,6210,3117.5 kcs, 116.1, 122.1 mcs. (4-12). These data rcvd too late for inclusion on data page.
NEW FLORENCE INT, SITE 17, KC-LS-Unsafe heavy acft during thawing weather. (2-21)
ROLLA ARPT-Unsafe heavy acft (soft). (1-15)
ROSECRANS FLD (ST. JOSEPH)-Use rnwys only-sod areas unsafe. Equip. on fld. days. (1-28)
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (1-29)
VAUGHN ARPT (TRENTON)-1.5' ditch each side of strips. (2-26)

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BILLINGS ARPT-Army acft rstd from refueling except in extreme emergency. (12-26)
BOYDE MOUNTAIN, BCN SITE 34, SA-HL-Beacon inop. Acetylene blinker operating 42 FPM. (2-18)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy in wet weather. (11-18)
CUSTER-RADIO: About May 4, commun stn will be reactivated, with teletype reporting services and scheduled weather bdcasts. Will transmit on 215 kcs., ident. "CU". Voice and rcvg facs on 116.1 mcs. Will guard 3105,4495,6210, 3117.5 kcs, 116.1 mcs. (4-10)
CUT BANK ARPT-Ctc lgts inop. (4-9)
DILLON-RADIO: Soon, VHF voice, transmitting and rcvg facs will be comm. on 116.1 mcs. (3-22)
★GREAT FALLS AAF-RADIO: Apr 11, Army air/gnd stn freq of 4697.5 kcs discont. FLD: Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip (3-27)
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middl e portion of W bndry

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E 200' E/W rnwy closed, mrkd. (3-12)
HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
LEWISTOWN ARPT-200' temp lgtd rdo twr stn KXLO 3 mi NE (58°) true. (2-7)
Use rnwys only. (2-25)
LIVINGSTON INT, SITE 10, HL-TWIN CITIES-Rdo Stn KVRI erected 50' unlgtd antenna pole atop 300' hill 2.5 mi WNW (288°) true. (3-11)
MILES CITY ARPT-Bndry lgts inop. (2-2)
MISSOULA CO ARPT-NE/SW rnwy closed. NW/SE rnwy closed to class B-17 or heavier acft. (2-21)
MOORE ARPT-S end N/S strip rough. (7-30)
MULLAN PASS-RADIO: During winter months, range will be operated intermittently on reduced pwr-courses unreliable (ice on loops). (11-3)
POLSON ARPT-Usable with caution. (7-19)
PONDERA CO ARPT (CONRAD)-Ctn-wet weather (muddy). (3-31)
POPLAR ARPT-Dangerous when wet. (9-6)
ROUNDUP ARPT-NE 2500' NE/SW strip unsafe-large holes, mrkd. (1-21)
SIDNEY ARPT-Ends of strips in cultivation.
VALLEY CO ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using. (9-7)

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AINSWORTH MUN ARPT-Use rnwys only. (3-10)
CLAY CENTER ARPT-Use mrkd strips in wet weather,all way in dry weather.(3-10)
CLEAR RIDGE ARPT) (OMAHA)-Use strips only. (3-10)
CRETE ARPT-Use rnwys only. W 1/2 of E/W rnwy closed. (3-13)
ELGIN ARPT-Haystacks on fld. (3-10)
FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet. (3-10)
★GRAND ISLAND AAF-RADIO: Army X-Band radar bcn, ILS fac and twr decomm April 1.
GRAND ISLAND-RADIO: Flight-checked Apr 8, courses correctly aligned
HAWKS ARPT (BRUNING)-Soft when wet. (3-14)
★HAYES CENTER-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (4-9)
KEARNEY AAF-RADIO: Army H fac temp inop. (1-21) FLD: No opers office. (3-24)
LINCOLN ARPT-Private acft taxi and park on ramp S of Admin Bldg.-stay clear of Airline traffic. (1-29)
McCOOK AAF-NW/SE rnwy avail. only. Soon, all obst lgts will be inop. on 180' twr 2.9 mi SE of NW/SE rnwy. (3-20)
NORTH PLATTE ARPT-Army acft rstd from refueling except in extreme emerg. (10-9)
OMAHA ARPT-RADIO: CAA ILS bndry mrkr lctd 350' NW of the approach end of NW/SE rnwy keying six dots per second will be decomm soon. (3-22)
FLD: Use rnwys only. Rnwy 17R-35L avail. days only. (4-7)
PENDER ARPT-Extreme ctn during wet weather. Lgt acft only. (2-20)
SIDNEY INT, SITE 50, SL-OH-E/W strip avail., bal fld rough. (2-21)

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BATTLE MTN FLIGHT STRIP, SITE 35, SF-SL-Use paved surfaces only - shoulders soft. Portions of bndry lgts operating intermittently. (4-7)
BOULDER CITY ARPT-SW end NE/SW rnwy unusable. (2-21)
DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)
FALLON NAAS-Closed except in emerg. (4-11)
FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due to wind erosion,soft sand, mrkd. Avail. days only. (3-11)
HAWTHORNE ARPT-Traffic is 1500' outside of city mile square and 600' altitude Civil acft advised to enter and leave fld by following the main thru hwys and not fly directly over any bldgs. (3-3)

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HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft,mrkd. (4-5)
LAS VEGAS-RADIO: Mar. 3, VHF range comm cont on test basis at lat 36-11-06 long. 115-05-48. Bear. and dist, stn to McCarran Fld: 24°, 4.2 mi. Freq. 109.1 mcs. Ident. "LQ". Courses: visual 29°, 209°; aural: 119°, 299°. Mag. var. 16° E. Simul. voice channel and rcvg watches avail. 24 hrs daily, Stn. class: VAR-VDT. Stn now guard 3117.5,kcs., 116.1, 122.1 mcs. Disregard spurious signals.
★LAS VEGAS AAF-RADIO: Army air/gnd stn transmits on and gds 4765 kcs in addition to freqs previously listed. (4-12) FLD: Bndry, rnwy range lgts in cont ngt oper. Rnwy ctc lgts and neon approach lgts not avail. midngt to 0800 daily. (2-17)
RENO-RADIO: 116.1 mc transmitter and receiver temp inop. (1-31)
TAHOE SKY HARBOR ARPT (GENOA)-Trans or inexperienced pilots avoid using. (8-5)
YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)

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BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind conditions. In calm air conditions, take-off and land to NW. Unlgtd 34' hangar under const adj to bldgs S corner fld. Bcn oper intermittently. (4-4)
BRATTLEBORO-HINSDALE ARPK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)
CONCORD ARPT-Use rnwys only. T urf areas soft. Lgts Rnwy 3-21 inop. (4-7)
DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (2-17)
FRANCONIA ARPK-Avail. skd equipped acft only. (2-20)
★GRENIER FLD (MANCHESTER)-RADIO: Army ILS temp inop. (3-6)
Apr. 11, Army air/gnd stn freqs of 2862, 4845 kcs discont.
HOOKSETT LAND AND SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)
LACONIA, ARPT-Use rnwys only. Holes in rnwy edges. Ctc lgts inop. (4-5)
LAKES REGION ARPT (WOLFEBORO)-Turf strip unsafe (flooded areas). (4-7)
LEWIS FLD (LITTLETON)-Center of fld dangerous when wet. (2-17)
NEWPORT ARPT-60' trees N end N/S strip. (10-9)
WHITEFIELD ARPT-Skd-equipped acft land off rnwy. (2-20)

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ATLANTIC CITY-RADIO: VHF range operating on test basis only.
ATLANTIC CITY NAS-Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hr previous arrangement with Opers Officer. (12-11)
CALDWELL-RADIO: VAR range will be comm on test basis soon at lat. 40-50-45, long. 74-23-00. Freq. 109.1 mcs. Ident. "NU". Visual courses: 112°, 292°; aural courses: 22°, 202°. Var. 11° W. Class: VARW. (3-24)
CAPE MAY CGAS-Closed to trans acft except in emerg (caretaker status-no facs)
COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (3-3)
HADLEY ARPT (NEW BRUNSWICK)-Use only cinder rnwys in wet weather. (2-27)
LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S. (1-29)
LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)
MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)
MILLVILLE ARPT-Rnwys incorrectly mrkd. N/S rnwy 18-36 should be 1-19; NE/SW rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE rnwy 12-30 should be 14-32. Bndry lgts inop. Ctc lgts E/W, N/S rnwys inop. (4-4)
★NEWARK ARPT-RADIO: Middle compass lctr of CAA ILS comm Apr 7. See page 64. FLD: Closed to all acft without 2-way rdo. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 600' Rnwy 28 rough. Pilots are to make approach for numeral of rnwy. No hangar space for Army acft. S 1800' from extreme end pavement Rnwy

1 closed. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to red approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip. (2-8)
To reduce the noise of acft flying over Newark residential areas and to avoid tall bldg section following must be complied with: (1) Increase the rate of climb as much as practicable. (2) N-bound or E-bound acft make left turn as soon as practicable when taking off to SW. (3) Make a half left turn as soon as practicable when taking off to W. (4) Make a half right turn as soon as practicable when taking off to N. Pass at least 500' to E of gas tanks lctd in Harrison when making a southerly direction approach to the N/S rnwy. (5) Whenever practicable the arpt traffic controller will suggest the use of rnwys which will permit the acft to avoid passing over residential and tall bldg areas. (9-7)

OCEAN COUNTY ARPT (ADAMSTON)-Const NE/SW strip. (2-25)

RED BANK ARPT-Area starting from hwy W 1200' to the intersection of the N/S strip unusable. E end E/W strip seeded. (2-18)

SOMERSET ARPT (SOMERVILLE)-On W take-off start left turn as soon as practicable. On NW take-off make gentle right turn as soon as practicable followed by wide left hand pattern. (3-16)

TETERBORO AIR TERMINAL (BENDIX)-Pilots using fld do so at their own risk. Rdo rcvrs rqrd all acft using fld. Unsurfaced taxiways rough. (4-8)

NEW MEXICO

ALAMOGORDO AAF-RADIO: Army range inop. Army twr freq of 126.18 mcs inop. (4-8). FLD: Ltd lighting Rnwys 3-21, 7-25, 15-33. Wind tee inop. (3-25)

ALBUQUERQUE ARPT-Used by WAA. Avail. only for delivery surplus acft, prospective purchasers of surplus acft or parts, or in emerg. Acft being towed across E/W rnwy. (3-5)

B & B FLYING SERVICE ARPT (ROSWELL)-Const. Avail. trans acft with extreme etn. Heavy equip. on fld. (12-24)

CLOVIS AAF-No opers office. Avail. days only-lgtd inop. (3-24)

CONDRON FLD-See notice under White Sands Proving Ground, N. M.

CREWS FLD, SITE 42, EO-PU (RATON)-Avail. days only (3-18)

GALLUP ARPT-E/W rnwy closed. (3-18)

GALLUP CITY ARPT-ENE/WSW strip under const. (3-18)

HOBBS AAF-Rnwys 3-21, 12-30 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)

HOBBS MUN. ARPT-Allway landing area rough. Heavy acft use rnwys only. (3-18)

JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry Closed to cross-country acft when wet. S ½ half E/W strip being widened. (5-28)

KIRTLAND FLD (ALBUQUERQUE)-RADIO: CAA tower equipped to transmit on and guard 121.9 mcs for mobile grnd traffic. (4-5)

LAS VEGAS ARPT-Use rnwys only, bal fld unsafe. (2-21)

LOVINGTON ARPT-Cattle on fld. (9-16)

MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (3-18)

★OTTO-RADIO: Stn now gds 3105,4496,6210,3117.5 kcs, 116.1, 122.1 mcs. (4-13). These data rcvd too late for inclusion on data page.

PARKER FLD (RUIDOSO-FT. STANTON)-Cattle on fld. (9-16)

ROSWELL-Inten inst train. on Roswell Radio Range below, above, and in overcast. Acft inbound to Roswell or operating in vicinity under IFR, contact Roswell Radio for instructions.

ROSWELL AAF-Ltd parking. (2-16)

SANTA FE ARPT, NEW-Army acft rstd from refueling except in extreme emerg. (1-15)

★TUCUMCARI-RADIO: Stn now gds (4); 116.1, 122.1 mcs. (4-9)

TULAROSA ARPT-Use E/W strip only. (9-16)

WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condron Fld, White Sands Proving Ground will be cleared to Biggs Field, Texas and will obtain permission and instructions from Biggs Fld Opers before landing at Condron Field. When Condron Field is "Airport of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Tower by radio prior to landing. Only acft under pertinent orders or off. business with White Sands Project will land at Condron Field. (10-14)

NEW YORK

★ALBANY AIRPORT-RADIO: Approach control procedures commissioned April 4. FLD: Equipment on field intermittently. (2-22)

AMSTERDAM AIRPORT-CLOSED (soft) (4-11)

BENDER-BRENTWOOD FIELD (BRENTWOOD)-Construction on field-caution. (2-18)

BRIGGS FIELD (CARLISLE)-Right traffic pattern in use. (10-15)

BUFFALO AIRPORT-Aircraft entering and departing Buffalo traffic zone use caution-new airport 4000' ESE. Runways and taxi strips marked with black flags for winter operations. Localizer screen 16' beyond localizer building SW end NE/SW runway, lighted. Projects 4 feet above obstruction lights on localizer bldg. (3-13)

CHEMUNG CO. AIRPORT (ELMIRA)-Gliding and soaring over field and vicinity. Lights on request. Traffic gun front of main hangar during air carrier operations to control localizer traffic and at other times when circumstances make such practices consistent with safety. (2-22)

CHRISTIE AIRPORT-Fld soft. Closed to transient acft. (3-8)

FLOYD BENNETT FIELD NAS (NEW YORK)-Closed 1700 to 0800. (2-20)

FLUSHING AIRPORT-Right traffic on N and NW wind from 315° to 360°. All turns to left on ground. (3-28)

FORT PLAIN INTERMEDIATE, SITE 40A, CV-AZ-Unsafe heavy acft-soft. Light acft use ctn. (4-5)

FULTON AIRPARK-Right traffic when landing S and SE. (3-31)

★GLENS FALLS-RADIO: Voice communication, weather reporting services recommissioned April 14, at Warren County Airport. Station now guards 3105, 4495, 6210, 3117.5 kcs, 116.1, mcs. MH facility will operate on request. These data received too late for inclusion on data page and charts.

GLOVE CITY AIRPORT (GLOVERSVILLE)-CLOSED (deep mud) (4-10)

HILTON AIRPORT-Use rnwys, taxi strips only, balance field closed. (4-1)

HYLAN FIELD (ROCHESTER)-Use strips only - caution when wet. (5-18)

IDLEWILD-Obstruction lights atop all loop antenna poles inoperative except on SE pole. (1-13)

IDLEWILD-RADIO: CAA ILS comm Apr 9, for purposes of pilot training and familiarization only. Hrs of oper: 8:30 to 5:00, Mon thru Fri. Serves Rnwy C (ENE/WSW) with approach from WSW. Mag. heading for landing: 72°. Lclzr freq. 109.5 mcs. Ident. "NY". Glide path freq. 332.6 mcs, angle: 2.6°. Outer mrkr lctd 5.8 mi from end of Rnwy C, keyed 2 dashes per second. All acft utilizing this installation must clear with Navy twr at Floyd Bennett Fld. Idlewild Arpt is under const and minimum alt. permitted during simulated approaches will be 200'. (4-11)

IDLEWILD ARPT-Not yet opened-const. (3-13)

ISLIP-RADIO: VAR range will be comm on test oper soon at lat 40-50-30, long. 72-57-57. Freq. 108.3 mcs. Ident. "IP". Visual courses: 61°, 241°; aural courses: 151°, 331°. Var. 12° W. Class: VARW. (3-24)

ITHACA ARPT-Right traffic pattern in use. (3-3)

KINGSTON-ULSTER ARPT (KINGSTON)-ESE/WNW strip closed. (3-20)

LA GUARDIA-RADIO: Flight-checked Mar 21, courses correctly aligned.

★LA GUARDIA FLD (NEW YORK)-RADIO: Apr 9, middle mrkr ident changed to alternate dots and dashes. Bndry mrkr now keyed six dots per sec. CAA twr now transmits on 362 kcs., 126.18, 118.1, 118.7 mcs. (4-8) Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (3-25). FLD: ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy, lgtd. Obst lgts atop lclzr shack approach end Rnwy 22 and end Rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. 40' GCA truck and trailer 500' W of intersection Rnwys 4-22 and 13-31, mrkd. (2-24)

LONG MEADOW ARPT (REXFORD)-Avail. ski-equipped acft in emerg only. (12-27)

MacARTHUR FLD (ISLIP)-Mobile ILS units 20' high on all rnwys 500' from rnwy centerline, lgtd. Acft use ctn-unconventional flight test oper. Equip. on fld daylgt hrs. (2-21)

MASSENA-156' twr Radio Stn WMSA lctd 232°, 3.0 mi SW, temp lgtd with red lgts on top. Upon completion lighting facs will consist of 300 mm flash. beacon atop and four side lgts; two at 1/3 level, 2 at 2/3 level. (9-9)

MASSENA ARPT-Use rnwys, taxi strips only-turf rough. (2-21)

MERCURY FLD (HAMMONDSPORT)-Will be discont about Apr 20. (3-28)

★MITCHEL FLD (HEMPSTEAD)-RADIO: Army GCA unit now transmits on and guards 3117.5 kcs also. (4-9) FLD: Rnwy 18-36 closed. (12-18)

NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)

NANTICOKE VALLEY ARPK (MAINE)-Flares avail. in emergency. (3-17)

NEW HACKENSACK ARPT-CLOSED. (3-10)

NEW HACKENSACK, BCN SITE 6, LG-UL-Soon, rot. bcn with green course lgts will be comm at lat 41-38-09, long. 75-52-34. Elev 261' MSL. (11-25)

NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following areas over New York Harbor: beginning at lat 40-36, long. 73-15; to lat 40-49, long. 72-30; to lat 40-00, long. 72-30; to lat 40-00, long. 73-15; thence to point of beginning. (2-6). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.

NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", see Special Notice, page 146.

NEW YORK CITY-See Special Notice "Restriction on Flight of AAF Acft in New York City Area".

NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E. of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2000 to 0800. (4-3)

OLEAN ARPT-Fld hazardous. Keep off graded rnwy. Fone prior to using. (3-6)

PENN YAN ARPT-Ctn at N/S and E/W intersection. Soft in wet weather. (3-4)

PICKAIR SEAPLANE BASE (OSSINING)-Unmrkd shad poles in Hudson River. Land in known area only during Apr and May. (4-11)

PULASKI ARPT-Use center of rnwys only. Sides soft. (4-5)

RANDALL'S ARPT (MIDDLETOWN)-Fld soft in wet weather. (3-1)

REPUBLIC FLD (FARMINGDALE)-Closed ngts. No lgt facs. (3-3)

RIDGEWAY ARPK (ROCHESTER)-Use rnwys only-extreme ctn in wet weather. (3-27)

ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days. (2-24)

ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Rnwys 6, 33, left traffic pattern Rnwys 10, 15, 24. Hospital 3/4 mi from Rnwy 28-avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24. (1-2)

SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed ordinance that any person violating traffic pattern, Federal and State regulations subject to a penalty of $100 for each violation. Closed to heavy acft.

SALAMANCA ARPT-Right traffic pattern when landing and taking off to W, variable pattern to clear houses 1000' W of end of strip. (10-9)

SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)

SCHENECTADY CO. ARPT-Equip. on fld intermittently. Use rnwys only, grass areas soft. (3-26)

SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to the E. (11-18)

SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with ctn. (2-21)

SMITHFORT INC. (UTICA)-Hangars under const. Avail. ski-equipped acft only. (2-21)

STEPHENTOWN-RADIO: FM to be relctd on E course of Albany, N.Y. range. (3-6)

STEWART FLD (NEWBURGH)-No Army acft will be cleared this fld under IFR. (4-4)

SYRACUSE-RADIO: Flight-checked Apr 10, courses correctly aligned.

SYRACUSE MUN. ARPT-Turf areas soft after heavy rains. (2-21)

TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (2-25)

TROY ARPT-Bcn inop. (10-10)

VALLEY AIR PARK (MIDDLEBURG)-Fld soft. Right traffic when landing to NW. New strip under const. Present strip will have equip. on it all summer. (3-17)

★WATERTOWN-RADIO: VHF range comm Apr 15, at lat 43-57-08, long. 76-03-52, 3.15 mi, 48° mag to SW end of NE/SW rnwy from stn. Freq. 109.1 mcs. Ident. "WB". Visual courses: 63°, 243°; aural courses: 153°, 333°. Var. 12° W. Blue sector in N hemisphere. Stn class: VARW. Flight-checked Apr 9. This corrects AIRGI Vol. 2, No. 1. These data rcvd too late for chart and data page.

WINGDALE ARPT-Avail. lgt acft only-rough. (3-21)

ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N. (1-24)

ASHEVILLE-RADIO: About Apr 22, VHF range without voice will be comm at lat 35-23-28, long. 82-32-44. Freq. 108.7 mcs. Ident. "VP". Class: VARW. Aural courses: 20°, 200°; visual courses: 110°, 290°. "N" signal to N. Blue sector to W, yellow sector to E. Ctn-unmonitored, unattended and should not be used for navigational purposes. (4-10)

ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip. on fld. No rdo facs. (1-7)

ATLANTIC MCAAF-Use in emerg only (caretaker status-no facs).

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BALLOON FLD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT. No army maintenance.
BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
BURLINGTON ARPT-N/S strip and all sod area unusable. Use rnwys only. (2-20)
CAP ARPT (RALEIGH)-S 200' N/S strip unusable. SW 1400' NE/SW strip under const. (2-10)
CHERRY POINT MCAS-RADIO: Temp repairs made Navy range, use with ctn. (11-20). FLD: Const, equip. on rnwys. Rnwy lgts being repaired. (12-20)
DOUGLAS ARPT (CHARLOTTE)-Bcn code ident. inop. (2-27)
EDENTON NAS-Use in emerg only (caretaker status-no facs).
ELIZABETH CITY-RADIO: About Apr 22, VHF range without voice will be comm at lat 36-14-49, long. 76-17-25. Freq. 108.3 mcs. Ident. "ES". Class: VARW. Aural courses: 126°, 306°; visual courses: 216°, 36°. "N" signal to N. Blue sector to W, yellow sector to E. Will be operated on unmonitored basis. Will be unattended and should not be used for navigational purposes. (4-10)
ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1900 to 0700 except on prior arrangement. Civil. acft use only in emerg or with prior permission of the CO. Closed to acft exceeding 60,000 lbs gross weight. (3-27)
FORT BRAGG-Heavy firing is being conducted in all sections of Ft. Bragg danger area up to 20,000'. All acft must avoid this area shown on Flight Planning Chart 93 herein. Inten training days with rdo control target planes from fld 6 mi due E of N end Pope Fld. Acft will operate within circle of 4 mi radius from center or fld with max alt of 2000' taking off by catapult, landing by parachute.
GASTONIA MUN. ARPT-Training program consisting of from 2 to 6 acft in progress ngtly during CFR conditions. All flights conducted below 3000'. (1-29)
GREENSBORO-HIGH POINT ARPT-Both sides Rnwy 32 to intersection soft, rutted. Use rnwys only. No Navy svcg facs. (3-25)
HICKORY-RADIO: VHF range operating on experimental basis only.
KINSTON MCAAF-Avail. civil. acft only in emerg. (11-13)
MANTEO-RADIO: Navy FM on SE course of Weeksville NAS Navy Range temp inop. (3-3)
MORGANTON ARPT-Soon will be closed to all acft-use Riverside Arpt. (4-26)
NEW BERN-RADIO: About Apr 22, VHF range without voice will be comm at lat 35-05-20, long. 77-06-50. Freq. 109.9 mcs. Class: VARW. Ident. "NB". Aural courses: 125°, 305°; visual courses: 35°, 215°. "N" signal to N. Blue sector to W, yellow sector to E. Ctn-not monitored, unattended and should not be used for navigational purposes. (4-10)
★POPE FLD (FT. BRAGG)-RADIO: Apr 11, Army air/gnd stn freqs of 2862,4845 kcs discont. FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT. BRAGG. 73 oct avail. that fld. (1-31)
RALEIGH-DURHAM ARPT-ILS and transmitter bldgs 900' from NE end NE/SW rnwy.. Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. Use rnwys, taxi strips only. (3-5)
ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)
ROCKY MOUNT-RADIO: About Apr 22, VHF range without voice will be comm at lat 35-59-00, long. 77-45-45. Freq. 109.1 mcs. Ident. "RI". Class: VARW. Aural courses: 171°, 351°; visual courses: 81°, 261°. "N" signal to E. Blue sector to W, yellow sector to E. Will be unmonitored, unattended and should not be used for navigational purposes. (4-9)
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
SMITH REYNOLDS ARPT (WINSTON-SALEM)-NE/SW, N/S rnwy lgts very dim. (3-31)
THOMASVILLE ARPT-Ctn-strip rolling. (3-25)
WEEKSVILLE NAF-LTA-Avail. HTA and LTA acft from 0800-1630, all other times by prior arrangement with the C.O. or Operations Officer. (2-27)
WILMINGTON-RADIO: About Apr 22, VHF range without voice will be comm at lat 34-21-40, long. 77-53-30. Freq. 108.7 mcs. Class: VARW. Ident. "VT". Aural courses: 146°, 326°; visual courses: 56°, 236°. "N" signal to N. Blue sector to W, yellow sector to E. Ctn-not monitored, unattended and should not be used for navigational purposes. (4-10)

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BISMARCK ARPT-Use rnwys only. Equip. on fld intermittently. Army acft rstd from refueling except in extreme emerg. Crash and fire fighting equip. avail. 0800 to 1900 only. (12-5)
CHANDLER ARPT (WILLISTON)-Use strips only, bal fld rough. (5-10)
DAWSON INT, SITE 63, HL-TWIN CITIES-CLOSED (water, mud on fld). (3-24)
FARGO ARPT-HECTOR FLD-Weather below CFR minimums indicated by oper of bcn days and flash. tetrahedron lgts ngts. (3-13)
GRAND FORKS ARPT-Temp pwr line extending N/S 400' E of E/W rnwy, unlgtd. Thirty 50' tanks adj to NE corner fld, temp lgtd. (3-31)
MOHR ARPT (FESSENDEN)-CLOSED (soft). (3-24)
PEMBINA INT, SITE 14A, FO-WG-Closed to heavy acft-scattered pools of water, soft spots. Lgt acft use ctn. (4-10)
PORT O'MINOT ARPT (MINOT)-Use rnwys only-soft. Ditch leading from Admin Bldg to CAA stn caving in. Taxi to hangars between flags and flares approx 200' W of Admin Bldg. (3-29)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Strips soft. Use rnwy during thaws. (2-26)

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AKRON ARPT-Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg on arvl and dptr. Ltd svcg facs only. (1-22)
BEDFORD ARPT-Rough. Center of fld closed, mrkd with red flags. (3-17)
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N, W and SW. (3-1)
BROOKFIELD ARPT-CLOSED (grading). (2-27)
BROOKLYN ARPT (CLEVELAND)-Trans acft land at own risk. (2-22)
BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. Fld closed to heavy traffic until May 1, 1947. (2-26)
CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)
CHARDON ARPT-Use rnwys only. Fld soft in wet weather. (2-25)
CHERRY FORK INT, SITE 4, CC-WA-CLOSED. (3-14)
CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)
★CLEVELAND ARPT-RADIO: Bndry mrkr of CAA ILS decomm Apr 14. These data rcvd too late for inclusion on data page. FLD: Trans pilots must register in Terminal Bldg upon arvl and dptr. Landing fee on all civil. multi-engine acft. Glideppath transmitter and antenna being const 760' NE and 200' W of approach end Rnwy 5L, mrkd. (4-7)
★CLINTON CO. AAF (WILMINGTON)-RADIO: Army GCA fac transmits on and guards VHF Channels A,B,C,D,G, and H (116.1,126.18,137.88,140.58,137.70,134.10 mcs). Transmits on 3117.5,3475,4890 and 6640 kcs; guards any freq from 1500 - 18000 kcs. Hrs of oper: Cont during IFR; 0800 - 2200 daily or on 30 minutes req all other times. (4-4) FLD: Rnwy lgts avail. on one hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC Center upon entering or prior to dptr from ATC area. Inten inst train. being conducted; for danger area outline see Chart Columbus 59. (1-22)
COLDWATER INT, SITE 4, DY-GO-Soft. (3-17)
CONNEAUT ARPT-Closed to heavy acft. Ctn in wet weather. Use strips only.(3-27)

DAYTON ARPT-Use rnwys only-soft. Equip. on fld. For remainder of winter two 30'' cones placed approx 100' beyond ends all rnwys as supplement to flush range lgts. Sod areas W of Rnwy 18-36 and N of Rnwy 9-27 rough-use in emerg only. (3-30)
FAIRFIELD-RADIO: Army FM unreliable. (2-17)
GRIESER ARPT (WAUSEON)-Use strips only. (7-3)
GRIMES FLD (URBANA)-Use strips only. Land according to wind tee lctd in center of fld. (3-1)
LAKEWOOD ARPK (CINCINNATI)-Right traffic E, left traffic W. (2-23)
LANSDOWNE ARPT (GREENVILLE)-Fld soft when wet. (2-25)
LIMA ARPT-CLOSED (soft). (3-30)
LING FLD (BARBERTON)-CLOSED (soft). (4-1)
LOCKBOURNE AAB (COLUMBUS) RADIO: Lcizr of Army ILS inop. (12-30)
LORAIN SKYPORT-NE/SW rnwy temp shortened to 1800' (water main being dug across SW corner fld). Trans acft avoid fld in wet weather. Soft intermittently, until June 1. (3-27)
LUNKEN ARPT (CINCINNATI)-Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. (3-28)
MANSFIELD ARPT-Use rnwys, taxi strips only. Equip. on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (1-17)
MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW, NW/SE strips extend into cultivated area W end fld. (6-4)
MEDINA PRICHARD ARPT (MEDINA)-E/W, NE/SW strips closed. Land N-S in W portion of sodded fld. Watch where local acft land. (2-3)
MIDDLETOWN ARPT-Right traffic pattern taking off to S, SW and W
NORWALK ARPK-CLOSED (soft). (3-24)
NORWALK ARPT-Ditch N end N/S strip adj to side of road. (7-26)
OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans acft use rnwys only. (2-26)
PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E,NE,SE. (3-3)
PATTERSON FLD (FAIRFIELD)-RADIO: Army air/gnd stn freqs of 2862,4845 kcs discont. Army air/gnd stn weather bdcasts on 4765 kcs comm. (4-11). These data rcvd too late for inclusion on data page. Army ILS (SCS-51) is to be used for CFR training flights and in emerg only. Glide path is unreliable for ceilings less than 100'. (4-2) FLD: Equip.on fld. Line of telephone poles 50' high near approach Rnwy 34, lgtd. (3-31)
PAULDING CO. ARPT (PAULDING)-Soft when wet, land at own discretion. (2-26)
PORT COLUMBUS NAS (COLUMBUS)-RADIO: Compass lctrs at middle and outer mrkr sites of CAA ILS will be comm soon. (3-8) FLD: Use rnwys only-grass areas rough. Glide path and neon approach lgts not operating pending removal of obsts in approach lane. (3-6)
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)
REED'S FLD (WATERTOWN)-Use only E/W strip when soft. Fills in NE/SW strip during thawing weather. (2-21)
STOMBAUGH ARPT (BRYAN)-Ctn wet weather-use rnwys only. (2-20)
SKY HAVEN ARPT (NORTHFIELD)-Ctn when wet. (2-24)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Test flying. Land according to wind tee atop NE corner of hangar. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots must register in Operations Office upon arvl and dptr. (2-26)
WARD ARPT (BEDFORD)-SW end NE/SW strip under const. Strips unusable during thaws. (3-2)
WELLINGTON ARPT-Right traffic on S and SW rnwys. Const N end N/S rnwy Closed during thawing weather. (3-13)
WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS ACFT EXCEPT IN EMERG. All trans Army and Navy acft use Patterson Fld. (3-18)
YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (3-13)
ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded areas. Tetrahedron ngts on req only. Rnwy in use lgtd cont. (3-13)

ALTUS AAF-Avail. only for delivery surplus mil acft or in emerg. Equip. on and near N/S rnwy. (3-17)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg. only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten ctc and inst train. in progress. (3-11)
CADDO FLYING SERVICE (FT. COBB)-Use with ctn when wet. (3-9)
CIMARRON FLD (YUKON)-Now a WAA Sales and Sto Center. No svcg, repairs or overngt sto. Planes parked on fld. 4 strips indicated by pylons and mrkrs. Lime mrkings center of each strip. (3-17)
ENID AAF-Ltd parking facs. Use rnwys, taxiways only. (1-29)
GAGE-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. Transmitting and rcvg freq 128.7 mcs decomm. (4-3)
GARTHOEFFNER COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (3-17)
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
GUTHRIE INT. SITE 21, FV-WD-Course lgts changed to red. Bndry lgts decomm. (3-17)
HATBOX FLD-MUSKOGEE ARPT (MUSKOGEE)-Use rnwys only-parked acft.
IDABEL ARPT-Avoid S 1/3 N/S strip after heavy rains. (2-28)
LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (3-17)
MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days. Ltd traffic avoid flying over bldg area and corporate limits of Norman. (3-17)
MUSTANG-RADIO: Apr 7, approach control bone-shaped FM comm and flight checked at lat 35-23-36, long. 97-46-30, on W course of Oklahoma City Range. See pages 80, 82.
NUCKOLS FLD (OKLAHOMA CITY)-Use rnwys only. (1-14)
POST FLD (FORT SILL)-All except liaison acft use rnwy. Rnwy unlgtd; closed ngts. Const, equip. on fld. Bcn atop water twr inop. (3-7)
ROOSEVELT-RADIO: VHF range comm on cont operation at lat 34-52-00, long. 99-03-48. Freq. 108.7 mcs. Ident. "RQ". Visual courses: 53°, 233°; aural courses: 143°, 323°. Stn class: VARW. These data rcvd too late for inclusion on chart and data page. Ctn-range unmonitored.
SHAWNEE ARPT-Use rnwys, taxi strips only. (3-17)
STILLWATER ARPT NO. 1-325' twr Rdo Stn KSPI being erected 4 mi SSE (160°) true. (2-20)
TINKER FLD (OKLAHOMA CITY)-RADIO: Army range reliable for homing only. (3-6) FLD: Use rnwys, taxiways only. Stored acft adj rnwys. W ramp congested. (3-6)
TULSA ARPT-RADIO: Glide path of CAA ILS inop. (4-7) FLD:: Pilots without rdo watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only. (3-25)
WILL ROGERS FLD (OKLAHOMA CITY)- Bndry lgts inop - ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. Use rnwys, taxi strips only. (4-9)
WOODRING FLD (ENID)-Use rnwys only. (8-5)

OREGON

★ASTORIA-RADIO: MRL rng comm by Port of Astoria, at lat 46-12-55, long. 124-00-01. Bear. and dist, stn to Clatsop Co Arpt: 99°, 6.9 mi. Ident."KAPR". Freq 323 kcs. Courses: 65°,157°,245°,342°. Operates 0700 to 1700 daily. West Coast Airlines optns office guards 3105,6210 kcs and answers calls on rng freq by prearrangement. Rng flgt-checked and courses correctly aligned. Class: MRLZ. (4-4) These data rcvd too late for inclusion on data page and charts.

BAKER ARPT-Use rnwys only. (1-29)

BEAVER MARSH INT, SITE 73, RV-ND-Entire fld avail. These data rcvd too late to delete Ⓡ symbol.

CIVIL AIR PATROL ARPT (WORDEN)-Soft when wet. Pilots use at own risk (3-13

COASTWAY SCHOOL OF AERONAUTICS (TILLAMOOK)-Right traffic W takeoffs and landings. (3-17)

GRANTS PASS ARPT-Ctn when wet-landings to N,take-offs to S-steep grade.(6-5)

HOOD RIVER ARPT-Avail. lgt acft. Soft when wet. (3-13)

KLAMATH FALLS ARPT -Rnwy lgts Rnwy 7-25 inop. (2-19)

MAHLON SWEET FLD (EUGENE)-Equip. on fld. Use rnwys only. (10-6)

★MEDFORD ARPT-RADIO: Apr 11, Army air/gnd stn freqs of 2862,4697.5 kcs discont. FLD: Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or flood lgts. No maintenance mil. acft. (3-12)

★ONTARIO-RADIO: MH and voice fac on 382 kcs plus teletype facs recomm Apr 6. About Apr 23, freq will be changed to 305 kcs.

••PILOT ROCK ARPT-ABANDONED (4-8)

PORTLAND-RADIO: Stn lctn mrkr decomm indefinitely delayed. (3-24)

★PORTLAND AAB-RADIO: Outer compass lctr of CAA ILS comm Apr. 8. See page 140. Glide path temp inop, disregard spurious signals. (4-11)

ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry. (12-3)

SANTIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W.(3-13)

SEASIDE ARPT-Right traffic S takeoffs and landings. (3-17)

SUTHERLIN SKY RANCH ARPT-CLOSED. (3-22)

THE DALLES ARPT-NE/SW rnwy unlgtd. Pole line SW unlgtd. (3-19)

TILLAMOOK NAS-Rot. bcn operates from sunset to sunrise and during IFR conditions. Ctn during low visibility. High terrain surrounds stn in all quadrants. (2-13)

TROUTDALE ARPT-Parked acft. (3-13)

PENNSYLVANIA

ALLENTOWN-BETHLEHEM ARPT-Areas off rnwys soft in wet weather. Flood lgts Rnwys 9,14,18 inop. 150' twr Rdo Stn WSAN being erected 7 mi S (180°) true. (3-20)

BARRETT ARPT (CANADENSIS)-CLOSED (const). (12-18)

BEAVER FALLS ARPT-Patterson Heights Arpt-1.5 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)

BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2)

BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (4-8)

BUTLER-ALAMEDA ARPT (BUTLER)-Pilots aboid hospital area adj arpt. Use right traffic on W take-off. (3-14)

CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (3-11)

CECIL-RADIO: Visual and aural FM signals reported in Vicinity of Imperial, Pa. (7-17)

CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. Soft when wet. (2-21)

CLEARFIELD ARPT-Right traffic when landing or taking off to the E,NE and SE. (4-3)

PENNSYLVANIA

CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. Pwr line E. (3-10)

CUB HAVEN AUX. SEAPLANE BASE (LOCK HAVEN)-Closed winter months. (11-15)

DALEVILLE ARPT-Right traffic used on S to SE take-off.

EAST SCRANTON ARPT (SCRANTON)-Emerg use only. (5-28)

GORDON ARPT-NW/SE rnwy closed. Section being repaired mrkd with 50' white X and rnwy markd with red flags. (3-19)

GREATER PITTSBURGH ARPT (PITTSBURGH)-Use rnwys only-shoulders soft. CFR plans only. Ltd Army facs. Rnwy 32 closed. Equip. on fld. (1-20)

GREEN ACRES ARPT (HAZLETON)-Strips soft when wet, use sodded area only. Const N/S rnwy. Use NW/SE, E /W, NE/SW strips. (2-21)

GREENE CO. ARPT (WAYNESBURG)-Temp 50' derrick adj to N side of NE/SW rnwy, marked. (1-28)

HARRISBURG STATE ARPT-Use rnwys only. (3-12)

JOHNSTOWN ARPT-Use rnwys only. (11-22)

KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (3-13)

LANCASTER ARPT-Drain. pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip,mrkd.(3-12)

MADISON BCN SITE 16B, WA-CV-Bcn twr leaning 25° S displacing E-W course lgts. (4-12)

MILLARD ARPT (ANNVILLE)-Sod area soft. Use rnwys only. (1-22)

MT. JEWETT ARPT-Temp closed (snow). (1-11)

MT. POCONO ARPT, SITE 21, BJ-LG-Ruts along extreme SE side NE/SW rnwy. Ust ctn when taxiing this area. (3-24)

MT. UNION ARPT-Left traffic 600' pattern. Student training. Land according to wind tee S end fld. Wind sock atop hangar. In wet weather, use only rnwys, taxi strips. (3-13)

MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (1-27)

★OLMSTED FLD (MIDDLETOWN)-RADIO: Apr 11, Army air/gnd stn freqs of 2862, 4845 kcs discont. Air/gnd stn weather bdcasts on 4765 kcs comm. These data rcvd too late for inclusion on data page. FLD: Ngt landings hazardous. Obsts adj fld. 81' high tension wires across approach zones Rnwys 29, 14. Lgtd obsts between Rnwys 29, 32, approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use rnwys 11, 32 for ngt landings. (12-26)

★PHILADELPHIA NORTHEAST ARPT-RADIO: Apr 1, freq of Cl twr changed to 212 kcs. FLD: Use rnwys only. Equip on fld intermittently days. Trans pilots must register in Admin Bldg. on arvl and dptr. (4-9)

PHILADELPHIA SOUTHWEST ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile grnd traffic. (4-14) Lclzr, middle and outer mrkrs of CAA ILS on 109.9 mcs for test purposes only temp inop. Transmitter lctd E end E/W rnwy. Ident. "PG". (12-31) FLD: Closed to non-rdo-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. (3-13)

PHILIPSBURG-RADIO: VHF rng 108.7 mcs inop. Low freq rng courses aligned by grnd check only. (4-14) These data rcvd too late for Ⓡ symbol on charts.

PITTSBURGH-RADIO: DF stn temp inop. (11-24)

PITTSBURGH-ALLEGHENY CO. ARPT-N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo equipped acft. Truck and trailer N edge NW/SE rnwy, lgtd. Flash. ident. bcn inop. Surface breaks W end E/W rnwy, mrkd. (4-12)

PITTSBURGH-BETTIS ARPT-Right traffic on NE and NW rnwys. (3-14)

PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (3-14)

PENNSYLVANIA

READING ARPT-RADIO: CAA ILS oper on Rnwy 36 on exper basis. Lclzr on 109.5 mcs. Not flgt-checked. Lclzr temp inop. (11-11) FLD: Ridges S, E within 4 mi of fld up to 1200' MSL. E quip. on fld days. Right traffic on Rnwys 13,18.(1-15)

**SMILIN' JACK (DOUGLASSVILLE)-ABANDONED. (4-2) See page 62.

STAR VALLEY ARPK (CHARLEROI)-Equip. on fld intmtly. Ctn in wet weather.(4-1)

★SUNBURY-RADIO: Voice comm on MH on 353 kcs, 116.1 mcs. Rcvg facs recomm on 3105,4495,6210,3117.5 kcs, 116.1 mcs. 24 hr weather reporting and teletype facs also comm Apr 15. Rcvd too late for inclusion on data page and chart.

SWATARA VALLEY ARPT(PINE GROVE)-Right traffic for W take-offs and landings

VALLEY FORGE ARPT (NORRISTOWN)-E/W,NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic temp; on W or SE use left traffic. (3-13)

WEST CHESTER ARPT-Strips under const. (4-15)

★WILKES BARRE-RADIO: Stn relctd at New Wilkes-Barre-Scranton Arpt. Lmtd weather reporting service avail. Interphone facs temp inop. (4-9)

**WILKES-BARRE-SCRANTON ARPT (WILKES-BARRE)-New fld. Lat 41-20-15,long. 75-43-30. Rng, bcn, obst lgts avail. (4-10) See page 48. Too late for charts.

WILKES-BARRE-WYOMING VALLEY ARPT-Use rnwys only. Closed ngts. Bndry and obst lgts avail. in emerg or by prior req. (3-29)

WILLIAMSPORT-RADIO: Courses grnd-checked only. Too late to delete ⓪ symbol.

WILLIAMSPORT ARPT-Closed ngts. Rnwy lgts avail for emerg landings or by prior req. (4-8)

WILLOW GROVE NAS-Closed from official sunset to 0800. (3-14)

WINGS FLD (AMBLER)-Being seeded. E quip. on fld. (3-26)

RHODE ISLAND

CHARLESTOWN NAAS-RADIO: Navy GCA unit inop. (3-19) FLD: Closed 1600 to 0700, Flgts desiring landings during closed hrs must notify stn 1 hr prior ETA.

GREENE ARPT, T.F. (PROVIDENCE)-Wind sock turf area 300' S of control twr. Soft spot on turf area S of rnwy intersection, mrkd. Effect. May 1, during daylgt hrs arpt rstd to acft equipped with at least a functioning 200 to 400 kc rcvr. During hrs of darkness rstd to acft with functioning 2-way rdo. (4-11)

PROVIDENCE-RADIO: VHF rng will be comm soon at lat 41-40-32,long. 71-50-49. Freq. 108.7 mcs.Ident. "PR".Visual courses: 59°,239°; aural courses: 149°,329°.

SOUTH CAROLINA

CHARLESTON-RADIO: About Apr 16, SW course will be realigned to 46°.(4-2)

CLARK FLD (CHARLESTON)-Strips rough. (4-19)

CONGAREE FLD (COLUMBIA)-NG svcg not yet avail. (3-26)

FLORENCE-RADIO: About Apr 22, rng freq will be changed to 320 kcs. (4-9)

FLORENCE ARPT-Closed ngts (bcn, rnwy,obst lgts inop).Use rnwys only. (3-13)

GEORGETOWN CO. ARPT (GEORGETOWN)-Bcn inop. (12-1)

GREENVILLE AAB-Occasional heavy glider traffic. Maintenance 0830 to 1700 only. Acft parked on E /W rnwy. (4-1)

JENNINGS ARPT (ORANGEBURG)-115' unlgtd derrick 3/4 mi N. (3-21)

LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr inop. (3-25) FLD: Control of air traffic discont. Bndry lgts inop. (4-11)

MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. (1-29)

MYRTLE BEACH AAF-Inst train. at 1000 and 5000' alts 50 mi radius during IFR.

OWENS FLD (COLUMBIA)-Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd.(4-8)

PARRIS ISLAND MCAS-Use in emerg only (caretaker status -no facs).

SHAW FLD (SUMTER)-No 73,91 oct. (12-11)

WOODWARD FLD (CAMDEN)-RFC planes parked entire fld off rnwys. Use rnwys, taxi strips only. No facs for closing flgt plans other than fone. Flgt plans should be closed with Shaw Fld twr before landing. Closed ngts. (12-6)

SOUTH DAKOTA

ABERDEEN ARPT-Equip. on fld days. (3-16)

ANDERSON ARPT (MITCHELL)-Areas off rnwys soft in wet weather. (3-27)

BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (3-27)

BIEDENFELT FLD (FAULKTON)-Hay stacks on fld. Use strips only. (3-27)

BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn. (3-27)

MILLER INT, SITE 44, CX-HR-Soft during thawing weather. (3-31)

[redacted]

★RAPID CITY AAB-RADIO: Army air/gnd stn freqs of 2936,4630 kcs discont. (4-11)

SIOUX FALLS MUN. ARPT-Use rnwys only. Tetrahedron rmvd. Infld rough 100' E of center of NE/SW rnwy, mrkd. (4-8)

W.W. HOWES ARPT (HURON)-Closed to all acft exceeding 3500 lbs. E/W rnwy closed except for taxiing. N 300' N/S rnwy closed, mrkd. (3-24)

[redacted]

★BERRY FLD (NASHVILLE)-RADIO: Middle mrkr of CAA ILS comm and flgt-checked Apr 1. See Page 88. FLD: Use rnwys only - rnwy, taxiway shoulders soft.(1-13)

CHATTANOOGA ARPT-LOVELL FLD-Intermittent dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (2-27)

CORNELIA FORT AIRPARK (NASHVILLE)-Landings and take-offs to S use left hand traffic, to N right hand traffic. (7-24)

CUMBERLAND FLD (NASHVILLE)-Strips under const.

DYERSBURG-RADIO: About Apr 22, VHF rng without voice will be comm at lat 36-01-11, long. 89-19-00. Freq. 109.1 mcs. Ident. DJ.

EMBRY RIDDLE FLD (UNION CITY)-Use rnwys only - parked acft.

KNOXVILLE-McGHEE TYSON ARPT-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin Bldg. (3-13)

LEBANON ARPT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)

McKELLAR ARPT (JACKSON)-Use rnwys only - parked acft.

MEMPHIS ARPT-RADIO: CAA ILS with exception of outer compass lctr flgt-checked and operating normally. Outer compass lctr will be comm about Apr 15, 4.88 mi from the W end of the E/W rnwy. Ident. "P". Freq. 215 kcs. (4-10) Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 MPH. At such times, traffic will be controlled by lgt gun signal from lctn atop term bldg on S side arpt. (11-19) FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. priv. acft equipped with fully operating 2-way rdo transmitting on one of the following freqs: 3105,4495,6210 kcs. Other acft may land by obtaining previous authorization from CAA Inspector. Student instruction in priv. acft not permitted Ltd facs. No 91 oct. (1-16)

MEMPHIS FLYING SERVICE-Right traffic N take-offs and landings left traffic S take-offs and langings. NE/SW, E/W rnwys closed. (2-24)

MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flgt plans should be addressed to "MEMPHIS NAVY". Exten flgt opers in 15 mi radius. Traffic left at 1000'. Red rot., bcn indicates IFR.(2-8)

OUTLAW FLD (CLARKSVILLE)- Avoid. bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only. (1-13)

SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (3-7)

★TRI-CITY-RADIO: Stn guards 3117.5 kcs 2100 to 0800. (4-14)

★TRI-CITY ARPT-RADIO: Apr 14, CAA twr comm on 278 kcs. Guards 3105,4495, 6210,3117.5 kcs, 118.7,122.5,126.18 mcs. Operates 0800 to 2100. Twr equipped to transmit on and guard 121.9 mcs for mobile grnd traffic. About Apr 18, twr will begin 24 hr. oper. These data rcvd too late for inclusion on data page or charts. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (4-8)

WHITEVILLE INT, SITE 49, DL-LV-Unsafe heavy acft. Lgt acft use ctn. (2-3)

[redacted]

ABILENE-RADIO: Stn guards 3117.5 kcs 2300 to 0700.

ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr. (3-13)

ALICE ARPT--Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. (3-17)

★AMARILLO-RADIO: Apr 7, adtnl VHF voice avail on 111.1 mcs.
ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (3-17)
ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe-NW/SE rnwy usable with ctn. Rnwy lgts inop. (3-17)
ASHERTON ARPT-High brush-use strips with ctn. (3-17)
ATLANTA MUN ARPT-Cattle on fld. (11-15)
AUSTIN-RADIO: Stn guards 3117.5 kcs 2300 to 0700. Range flight-checked, courses correctly aligned, break in stn location marker light pattern. (5-23)
AUSTWELL INT, SITE 5A. CR-HU-Unsafe (soft, wet). (5-14). These data rcvd too late for Ⓡ symbol.
AVENGER FLD (SWEETWATER)-Use rnwys only. (3-21)
BAY CITY ARPT-260' rdo twrs being erected 3 mi ENE (75°) true. Will be lgtd upon completion. (3-24)
BERGSTROM FLD (AUSTIN)-RADIO: Army ILS temp inop. (3-7) FLD: NE/SW, NW/SE rnwys closed. (2-10)
★BIGGS FLD (EL PASO)-RADIO: Apr 11, Army air/gnd stn freqs of 2936, 4630 kcs discont. FLD: See notice under White Sands Proving Ground, N.M. (12-26)
BIG LAKE MUN. ARPT-Use strips only. (9-17)
BIG SPRING-RADIO: Stn gds 3117.5 kcs 2300 to 0700. (2-27)
BROOKS FLD (SAN ANTONIO)-Equip. on fld. (3-24)
BROWNSVILLE-RADIO: Commun stn guards 3117.5 kcs during hrs 2400 to 0800 (2-23)
BRUCE FLD (BALLINGER)-Holes in fld-use rnwys only. (3-17)
CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)
★CHILDRESS-RADIO: VHF range comm on cont oper Apr 10, at lat 34-22-12, long. 100-17-12. Freq. 109.1 mcs. Ident. "CM". Visual courses: 53°, 233°, aural courses: 323°, 143°. Class: VARW. These data rcvd too late for inclusion on chart and data page. Ctn-range unmonitored.
CLEBURNE NORTHWEST ARPT-250' twr rdo stn KCLE being erected 1.5 mi NNE (28°) true. (2-3)
★CLEVELAND-RADIO: VHF range comm for cont oper Apr 10, at lat 30-15-36, long. 94-58-00. Freq. 109.1 mcs. Ident. "CL". Visual courses: 15°, 195°; aural courses: 105°, 285°. Class: VARW. These data rcvd too late for inclusion on chart and data page. Ctn-range unmonitored.
CLIFF MAUS FLD (CORPUS CHRISTI)-Use rnwys only during wet weather. (3-15)
COMMERICAL ARPT (EDINBURG)-Two 250' twrs being erected 2 mi W (273o) true. Rdo Stn KCBD erecting three 315' twrs 2.5 mi SE (123°) true. (3-24)
CORPUS CHRISTI-RADIO: Commun stn guards 3117.5 kcs between hrs 2300 to 0700 (2-25)
CUDDIHY FLD (CORPUS CHRISTI)-RADIO: Municipal twr comm. Operates 1230 to 2130, daily except Weds. Lgt gun oper only. (3-21) FLD: Traffic left 600'. Bndry, obst, rnwy lgts and tetrahedron avail. sunset to 2300 only. (4-14)
CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings to be made within orange cone bndrys. (3-12)
DENTON ARPT-Use N/S rnwy only. (2-21)
DIMMIT COUNTY ARPT (CARRIZO SPRINGS)-Use in emerg only. Const. (2-24)
DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)
EAST SIDE APRT (LONGVIEW)-320' rdo twr being erected 3 mi SSW (196°) true. (2-25)
EDNA ARPT-Ctn when wet. Use strips and taxi strips only. (2-22)
EGYPT, BCN SITE 13, ZN-HU-Soon will be perm discont. (12-12)
ELDORADO ARPT-E/W strip soft in wet weather. (3-17)
ELLINGTON FLD (HOUSTON)-Closed to VHB acft except in emerg. (4-14)

ENGLISH FLD (AMARILLO)-Use rnwys, taxi strips only (3-1) 175' tank being erected 6 mi WSW (255°) true. 250' derrick being used during const, lgtd. (4-5)
FAIRCHILDS, BCN SITE 16, ZN-HU-Soon, will be perm discont. (12-12).
FLORESVILLE, BCN SITE 2, ZN-HU-Soon will be perm discont. (12-12)
FORNEY-RADIO: FM on E course of Dallas range inop. (12-31)
**FORT WORTH AAF-RADIO: Apr 11, Army twr freq will be changed to 317 kcs. Effect Apr 11, air/gnd stn freqs of 2936, 4630 kcs discont. (4-8) FLD: E/W rnwy, Rnwy 17R-35L closed. 40' trees immediate end Rnwy 35L. (3-27)
FORT WORTH SEAPLANE BASE-Proximity to AAF calls for the use of discretion in circling the Seaplane Base. Traffic patterns are all away from the AAF. Ramps and beaching dollies under const. (1-8)
**FREER MUN ARPT-Correct lat 27-55-00, long 98-39-30 (4-10)
GARWOOD, BCN SITE 11, ZN-HU-Soon will be perm discont. (12-12)
GASKIN FLD (SHERMAN)-Cattle on rnwys-emerg landings only. (3-24)
GIBBS FIELD (FORT STOCKTON)-Use rnwys only-parked acft. Use only in emerg.
**GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (3-17)
GOODFELLOW FLD (SAN ANGELO)-Use rnwys only. Ctc Goodfellow Rdo 15 mi out in IFR weather. Acft flying N or E on range maintain odd 1000' alts. Acft flying W or S maintain even 1000' alts unless otherwise advised by Goodfellow Rdo. Local inst acft using range. Ltd parking, svcg facs. (1-8)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (1-6)
★GUTHRIE-RADIO: VHF range comm for cont oper Apr 10, at lat 33-46-30, long. 100-20-09. Freq. 108.3 mcs. Ident. "UH". Visual courses: 72°, 252°; aural courses: 162°, 342°. Var. 11° E. Class: VARW. These data rcvd too late for inclusion on chart and data page. Ctn-range unmonitored.
HALLETTSVILLE, BCN SITE 8, ZN-HU-Soon will be perm discont. (12-12)
HEARNE BCN SITE, 15, GS-WC-Bcn inop. (5-16)
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. Const on rnwys. (4-1)
HICKS FLD (FT. WORTH)-Use strips only-parked acft. (1-2)
HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-28)
HITCHCOCK NAF-LTA.RADIO: 6390 kcs transmitter and rcvr temp inop. (3-12)
HOLMAN ARPT (WICHITA FALLS)-Use strips only. Ctc Wichita Falls Radio for ngt landings. (5-12)
HOUSTON ARPT-Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip. on fld. NW/SE rnwy closed. (3-29)
★JOAQUIN-RADIO: VHF range comm for cont oper Apr 10, at lat 31-57-21, long. 94-04-03. Freq. 108.7 mcs. Ident. "WE". Visual courses. 17°, 197°; aural courses: 107°, 287°. Class: VARW. These data rcvd too late for inclusion on chart and data page. Ctn-range unmonitored.
JUNCTION-RADIO: VHF range will be comm soon at lat 30-38-00, long. 99-58-43. Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°, 308°; aural courses: 38°, 218°. (3-21)
★KELLY FLD (SAN ANTONIO)-RADIO: Apr 11, Army air/gnd stn freqs of 2936, 4630 kcs discont. FLD: Acft on fld. Use rnwys only. 190' lgtd twr const W of Rnwy 14-32. (1-2)
KENDLETON, BCN SITE 14, ZN-HU-Soon, will be perm discont. (12-12)
LAMESA ARPT-280' rdo twr being erected approx 3.5 mi SE (130°) true. (3-17)
LAMESA FLD-Holes in fld. (10-16)
**LAREDO MUN ARPT-Designated as Arpt of Entry for a period of 1 year from May 1, 1947. (3-25) See page 120. Flight opers from old Terminal S end fld discont. Fence const across taxiway leading to bldg. Fence lctd approx 600' E of S end Rnwy 35R and in direct line with regular fence at S end fld. This section no longer included in arpt area. All opers being conducted from new terminal

W side fld. (4-8)
LAUGHLIN FLD (DEL RIO)-Closed-emerg use only.
LONE OAK, BCN SITE 5, DL-LV-Temp discont. (9-18)
LOVE FLD (DALLAS)-RADIO: Apr 13, CAA ILS lclzr ground-checked only. FLD: Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr ceilometer projector 1000' N of twr. Acft must be equipped with rdo tuned to twr freq. (4-2) 520' rdo twr under const 8.7 mi SE (120°) true. (1-30)
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
MARSHALL ARPT-304' twr being erected 3 mi NW (317°) true, lgtd. (2-11)
MEACHAM FLD (FT. WORTH)-In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115°) true, temp lgtd. Grain elevator 967' MSL, 9100' N of N end N/S rnwy on extended centerline directly on lclzr course. 1000' extension being const S end N/S rnwy. Equip. in const area. Discontinuance of approach lgt lane on N end N/S rnwy postponed. 285' twr rdo Stn KCNC being erected 5 mi SE (135°) true. (3-24)
MINERAL WELLS ARPT, new-Entire fld avail. in dry weather. (1-2)
MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lgts (3-17)
NIXON, BCN SITE 4, ZN-HU-Soon will be perm discont. (12-12)
ORANGE ARPT-Use NW/SE, E/W strips only. Fld flooded after rains. (3-17)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (3-17)
PERRIN FLD (SHERMAN)-Rnwy 3-21 closed. Acft parked S edge fld.
PILGRIM, BCN SITE 5, ZN-HU-Soon will be perm discont. (12-12)
POUNDS FLD (TYLER)-Use rnwys only, bal fld rough and unsafe. (2-21)
PYOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. (12-27)
RAYMONDVILLE INT, SITE 5, JI-FV-Rough. (3-3)
RIO GRANDE VALLEY INTERNATIONAL ARPT (BROWNSVILLE)-Rnwy 4-22 closed Use rnwys, taxi strips only. Civil. acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. Rnwy 17L-35R closed for ngt scheduled air carrier opers due to inadequate rnwy lighting. Obst lgts atop fourteen 90' antenna poles 3 mi SSW inop. 180' rdo twr being erected 3 mi SSE (158° true). (4-11)
ROBERT MUELLER ARPT (AUSTIN)-Acft landing or taking off on Rnwy 34R use right traffic pattern. Acft landing or taking off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (1-14)
ROCKPORT ARPT-Closed except in emerg. Fire and crash equip. removed. (3-17)
RUSK CO. ARPT (HENDERSON)-Use rnwys and taxi strips only. (1-30)
SALTILLO BCN SITE 9, DL-LV-Temp discont. (9-18)
SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Stn and adhere to instructions issued by San Antonio A.T.C. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Tower.
SAN ANTONIO ARPT-ALAMO FLD-Acft arriving after dark rqrd to have two-way rdo. (2-27)
SAN BENITO INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)
SAN MARCOS AAF-Ctn-helicopter and liaison pilot training. (10-15)
SHEPPARD/KELL MUN. ARPT (WICHITA FALLS)-Use rnwys only. (4-8)
SKYHAVEN ARPT (MIDLAND)-Hangar under const. (3-17)
SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Ltd transportation no housing, messing facs. (3-21)

STAMFORD ARPT-155' twr rdo stn KDWT being erected 3 mi SSE (160°) true. (2-19)
STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 800' above terrain 1367' MSL. Avail. days only. Rnwy 17-35 closed. (3-17)
SULPHUR SPRINGS-RADIO: MH fac flight-checked Apr 11, oper normal.
T.C.U. ARPT (FORT WORTH)-Use E/W strip in wet weather. (2-21)
TERRELL, BCN SITE 6, FV-AG-Temp discont. (9-18)
TEXARKANA-Demolition operations are being conducted approx 15 mi WSW Texarkana Arpt, 0800 - 1615 daily except Sat and Sun. All acft cautioned to fly above 1500' over this area. (R) FLAG.
VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only. (12-30)
VIENNA, BCN SITE 10, ZN-HU-Soon will be perm discont. (12-12)
**WEISMAN ARPT (KINGSVILLE)-ABANDONED. (4-4). See page 120.
WHITE FLD (BRADY)-CLOSED. (8-7)
WOLFE CITY ARPT-Use in emerg only. (2-25)

[redacted]

BRYCE CANYON-RADIO: 116.1 mc transmitter and receiver, 131.7 mc receiver and 111.1 mc transmitter temp inop. (10-2)
BRYCE CANYON INT, SITE 45, LA-DV-Unsafe heavy acft. (4-15). These data rcvd too late for (0) symbol.
DELTA ARPT-Trans acft use rnwys, taxi strips only. (4-8)
ENTERPRISE INT, SITE 39, LA SL-Closed to lgt acft-rough. 25' unlgtd bldg under const adj fld 90' N of SE corner. (3-13)
★HILL FLD (OGDEN)-RADIO: Apr 11, air/gnd stn freqs of 2862,4697.5 kcs discont. (4-8)
MILFORD ARPT, SITE 45, LA-SL-Unlgtd bldgs SE corner fld S of and adj to ben twr. Trench across taxiway mrkd. Bndry lgts N and W sides fld disconnected and bndry mrkrs are being removed for rnwy extensions. Dirt areas soft. (3-22)
PROVO ARPT-Entire portion of NW/SE rnwy N of the intersection and entire portion of NE/SW rnwy S of the intersection closed, mrkd. Equip. on fld. Closed ngts. (3-31)
ROBERT H. HINCKLEY FLD (OGDEN)-NE/SW rnwy lgts inop. N/S rnwy lgts oper cont during hrs of darkness when twr inop. (3-15)
SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. Closed to ngt opers. (4-8)
SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor. sys which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3)
SALT LAKE CITY ARPT NO. 1-Prevailing wind rnwy lgts operating ngts. Use rnwys-shoulders soft. Right traffic when winds are from S, SE or E. (4-8)
WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip area, from 0800 to 1800. See chart 23.
WENDOVER FLD-Obst lgts on mtns N and W of fld inop. (4-7)

[redacted]

BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)
BURLINGTON ARPT-Use rnwys only. Parked acft N side E/W taxi strip. (4-3)

[redacted]

ALBERTA ARPT-ENE/WSW strip rough. Ends, sides ENE/WSW, NNW/SSE strips mrkd by 12' yellow mrkrs. (1-14)
ALEXANDRIA ARPT-NW/SE rnwy lgtd until 1700 every ngt for 1000'. Approx 1500' of AGA reflectors extending beyond the lgts. (2-21)
ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (2-4)
BLACKSTONE ARPT-Tetrahedron oper erratic and lgts inop. (3-3)
CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)
CHILHOWIE INT, SITE 29B, NA-WA-CLOSED (snow). (2-27)

CHINCOTEAGUE NAAS-Closed 1700 to 0800 except on req with 2 hrs notice. Bcn operates all ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. IFR flight plans accepted only 0800 to 1630 Mon thru Fri except on holidays and on 2 hrs notice. Fld lighting sys under repair unreliable. Use rnwys, taxi strips only-soft shoulders and trenches along sides of rnwys and taxi strips. Equip. on fld. Pilotless rdo-controlled acft operating days Mon thru Fri. Other acft in vcnty proceed with ctn. (2-28)

DAHLGREN NAF PROVING GROUNDS-CLOSED TO ALL (INCLUDING TRANS MIL) ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Except in emerg or on req (with two hrs notice) the fld is only open 0730 to 1615 Mon thru Fri inclusive. Off flights must be cleared thru one of the following: Naval Air Stns: Anacostia, D.C.; Patuxent River, Md.; Norfolk, Va.; Quonset Point R.I.; Cape May CGAS, N.J.; Inyokern NAF Calif.; NAF Torpedo Stn, Newport, R.I.; Naval Acft Factory Philadelphia, Pa.; Cherry Point MCAS, S.C.; Quantico MCAS, Va.; AAF Proving Gnds, Eglin Fld, Valpariso, Fla.; Langley Fld, Va.; Wright Fld, Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md.; Lakehurst NAS, N.J. (3-10)

DANVILLE-RADIO: INSAC will be recomm soon. (4-9) FLD: Use rnwys, taxi strips only, bal fld soft, rough. Only Rnwy 2-20 lgtd ngts. Tetrahedron free swinging. (1-15)

EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-28)

FENTRESS NAAS-Use in emerg only (caretaker status-no facs) (2-19)

GORDONSVILLE INT, SITE 51, NA-WA-Soft in wet weather. All types acft use ctn during winter months. (1-17)

HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (1-10)

HOPEWELL ARPT-NE/SW and NW/SE strips under const. (3-21)

★LANGLEY FLD-RADIO: N course of Army range swinging 5° W, bear. 167°. (1-15) Army GCA sys also transmits on and guards 3117.5 kcs. (4-11) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. (1-14)

LOVING FLD, SITE 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (4-4)

MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status-no facs.) (2-19)

MT. VERNON-See Special Notice under District of Columbia.

NORFOLK-RADIO: VHF range comm FOR TEST PURPOSES ONLY Lctd at lat 36-48-18, long 76-12-06. Ident. "NW". Freq. 108.7 mcs. Visual courses: 20° 15', 200° 15'. Aural courses: 107° 15', 287° 15'. Class: VARW. Aligned by ground check only. (3-7)

NORFOLK NAS-EAST FLD-Pilots on Southbound coastal flights inbound IFR between 0700-2400 to NAS Norfolk shall establish radio contact with Navy Chincoteague Radio for further clearance instructions from ATC Norfolk. Pilots on Northbound coastal flights inbound IFR between 0700-1900 to NAS Norfolk shall establish contact with Navy Weeksville Radio for further clearance instructions from ATC Norfolk. Pilots on either Southbound or Northbound coastal flights inbound IFR to NAS Norfolk at other than the above stated hours contact Norfolk Radio or Navy Norfolk Tower earliest possible for further clearance instructions. (3-18)

OCEANA NAAS-Facs avail. 0800 to 1630 Mon thre Fri . Acft clearances not accepted 1630 to 0800 Mon thru Fri. Fld facs avail. on week-ends and from 1630 to 0800 Mon thru Fri for emerg opers only upon prior notification. (3-12)

ORANGE CO. ARPT-Strips muddy in wet weather. (4-4)

PENINSULA ARPT (HAMPTON)-Right traffic pattern. (1-24)

PETERSBURG ARPT-Avail. emerg landings only. (1-20)

PRESTON GLENN ARPT (LYNCHBURG)-Use rnwys only during and after wet weather Two poles 4200' E of E/W rnwy. (2-7)

QUANTICO MCAS-Closed sunset to sunrise except in emerg. (11-14)

RICHMOND-Elko Aux. Fld, 5 mi E of Richmond AAB, is similar in design and layout to the Richmond AAB, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse the two flds.

★RICHMOND AAB-RADIO: CAA ILS lclzr ground checked only. (4-9) Bndry mrkr

now keyed 6 dots per sec, middle mrkr now keyed alt. dots and dashes. (4-12) These data rcvd too late for inclusion on data page. FLD: Ltd Army svcg facs. Avoid using 1000' rnwy extensions. Rnwy , taxiway shoulders soft. Acft landing this fld without establishing rdo commun with twr watch carefully for lgt gun signals-twr lctd in center of triangle of rnwys. (2-18)

ROANOKE-RADIO: Following adjustments, courses may have shifted.

SHENANDOAH ARPT-N/S strip under const. Grading equip. on fld. Soft in wet weather. NE/SW strip mrkd by cone mrkrs. (3-15)

UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (3-17)

VALLEY ARPT (WAYNESBORO)-Ctn when wet. (3-17)

WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Radio or circle fld before landing. (3-7)

★WOODRUM FLD (ROANOKE)-Radio: Approach control procedures comm Apr 4 FLD: Ext. local traffic days. Acft landing without establishing rdo commun with twr must conform to local traffic patterns. Observe twr at all times for lgt gun signals especially on base leg and final approach. Clear rnwy immediately after landing. Mil acft utilizing VHF freq should listen for control twr instructions or observe lgt signals from twr in response to their transmissions All acft departing should determine proper rnwy and taxi route from twr or operations prior to taxiing. (2-28)

SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart #3, Spokane Sectional, and Washington 5 Danger Area Charts).

ARLINGTON NAAS-Unmrkd cable span being erected 11 mi E 78° true. Cable will run N/S between lat 48-13. long 121-55, on Wheeler Mtn, and lat 48-11-30, long 121-55-00 on Blue Mtn. Cable anchorage levels at approx 2800' on both Mtns and will be approx 1000' above valley floor. Vertical-down-haul will be attached at mid-span terminating at the ground in Jim Creek Valley. (3-12)

BARRY'S SKYHARBOR ARPT (TACOMA)-Right traffic, W take-offs and landings (3-17)

BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt. (2-3)

BOEING FLD (SEATTLE)-Daylgt CFR opers-lgt acft use mrkd dirt landing strip E side fld adj to main rnwy. Traffic patterns made to E at 1000'. Right traffic when taking off to NE. Flash. amber lgt on twr indicates right pattern in relation to dirt landing strip. All turns, taxiing off or back on dirt area made toward twr. Acft using dirt strip avoid flying over main rnwy or approaches. Watch for air and ground traffic. Lgt gun signals for take-offs and final approaches only. Heavy acft use rnwys, taxi strips. Equip. on fld. All unscheduled acft landing at Boeing Fld must register with County Fld Office, excepting only those who have made other arrangements with fld management. Equip. S of Admin Bldg loading ramp, avoid flagged area. Holes E side main taxiway , N and S of Admin Bldg. (4-4)

BUENA ARPT-Right traffic E take-offs and landings. (3-17)

CLE ELUM ARPT-Right traffic E take offs and landings. (3-17)

COLVILLE ARPT-NW/SE strip closed. (11-6)

COUNTY-CITY ARPT (PORT TOWNSEND)-Right traffic E takeoffs and landings. (3-17)

COUPEVILLE OLF-Closed except in emerg.

EASTON-RADIO: About May 4, MH add voice facs operating on 278 kcs and rcvg on 3105,4495,6210,3117.5 kcs, plus weather reporting services will be recomm MH fac will oper on req only. (4-10)

EPHRATA-RADIO: About Apr 21, voice commun on 111.1 mcs and rcvg on 122.1 mcs will be comm. (4-7)

FAIRWEATHER FLD (REPUBLIC)-Avail. lgt ski-equipped acft only. (12-31)

WASHINGTON

FELTS FLD (SPOKANE)-Lgt non-rdo equipped acft use mrkd graded area S of main rnwy. Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near ctr of fld. N side rnwy mrkd. Equip. on fld. (4-8)
KENMORE ARPT-(BOTHELL)-Avail. emerg. use only-cattle. (9-10)
LONGVIEW SKYHARBOR SEAPL. ANCHORAGE-Right traffic S takeoffs and landings. (3-17)
MARTIN FLD (COLLEGE PLACE)-Const, equip. on strips. Strip 2500 x 150' cleared and flagged center of fld for landing. (1-2)
★McCHORD FLD (TACOMA)-RDO: Apr 11. Army/gnd stn freqs. of 2862, 4697.5 kc. discont Army HF DF stn inop. (3-20). Army ILS (CAA type) temp inop. Middle mrkr to be relctd and present equip. will be modified. (3-13) FLD: Use rnwys, taxiways only. Equip. on fld. (12-11)
MERCER ARPT (SEATTLE)-Right traffic when landing to S. (3-19)
MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. Bcn inop. (3-20)
OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn local and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl & turned off upon arvl and landing of acft. (12-7)
PAINE FLD (EVERETT)-Ngt lighting immediately avail. to rdo equipped acft by contacting Everett Rdo. Closed to all other acft between sunset and sunrise except by arrangement with arpt manager or CAA Commun. Stn. (2-5)
PASCO-See Special Notice (first item under state heading).
PASCO NAS-Use in emerg only (caretaker status-no facs)
PIERSON ARPK (VANCOUVER)-Const. Use North E/W strip only. (3-17)
PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only (11-26)
PUYALLUP AR'PT-Right traffic N takeoffs and landings. (3-17).
RICHLAND AIR BASE-NW/SE strip under const. (8-19)
S & S AIRSTRIP (PUYALLUP)-Right traffic S takeoffs and landings (3-17)
SAVAGE FLD (CHENEY)-Moderate soil erosion intmtly. (9-14)
SEATTLE NAS-Single engine acft appch stn from Kirkland at 1000' alts. Seaplane landing appch over Lake Wash. from N or S under 200'. Rnwy 14-32 lgtd 30 mins. prior to arvls and take-offs and on req from sunset to sunrise. Tetrahedron lgtd sunset to sunrise. 3 lgtd 30' poles 150' E of Rnwy 14-32 near GCA unit. (1-29)
SEATTLE-TACOMA ARPT-RADIO: Soon, bndry and outer mrkrs of CAA ILS will be discont, and outer mrkr will be relctd soon. 4-1/2 mi S of S end of N/S rnwy. Middle mrkr will be installed 3444' S of S end N/S rnwy, keying alternate dots and dashes. Glide path will be installed on 335 mcs to be lctd 1150' N of S end of N/S rnwy and 400' W of centerline. Lclzr continues to oper. on 110.3 mcs. Prior to and during const period signals may at times be spurious and are not to be relied upon for any purpose. (2-14). FLD: Equip. on fld days. Const approx 20' N of N end NW/SE rnwy. Glide path bldg and antenna mast being erected 400' W of N/S rnwy and 1150' from the S end thereof. (4-3).
SPRAGUE ARPT-Use N side and 1050' W end of strip, bal rocky and soft. Cattle on fld. (9-14)
SULLIVAN LAKE ARPT (METALINE FALLS)-2' grass and weeds. (7-1)
SUNNYSIDE ARPT-Right traffic, S takeoffs and landings. (3-17)
TOLEDO-WINLOCK INT, SITE 63B, SF-SA-Use strips only-sodded portions soft (11-18
TONASKET ARPT-Right traffic S or SW takeoffs and landings. (3-17)
WALLA WALLA AAF-No opers office. Equip. on fld days Mon thru Fri. (3-24)
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
WHIDBEY ISLAND NAS-AULT FLD-Bcn opers. during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. (4-3)
WILBUR ARPT-Center 200' strip avail. Equip. on fld. All taxing on fld is on the left side of strip. (12-13)

[redacted]

TRINIDAD-Carlsen Field-Edinburg (North)-Rnwy closed to all Navy traffic except in emerg. Use Xeres (South) rnwy.

[redacted]

ELKINS ARPT-Ctc Elkins Rdo or circle fld before landing. (3-14)
LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (4-10)
SCOTT FLD (BECKLEY)-Use right traffic on N course. (4-7)
★WHEELING-RADIO: Apr. 9, VHF range without voice comm at lat 40-15-34, long 80-34-06. Freq. 108.3 mcs. Ident. "WN". Class: VARW. Bear. and dist, stn to Ohio Co. Arpt: 220°, 6.7 mi. Visual courses: 43°, 223°; aural courses: 133°, 313°

[redacted]

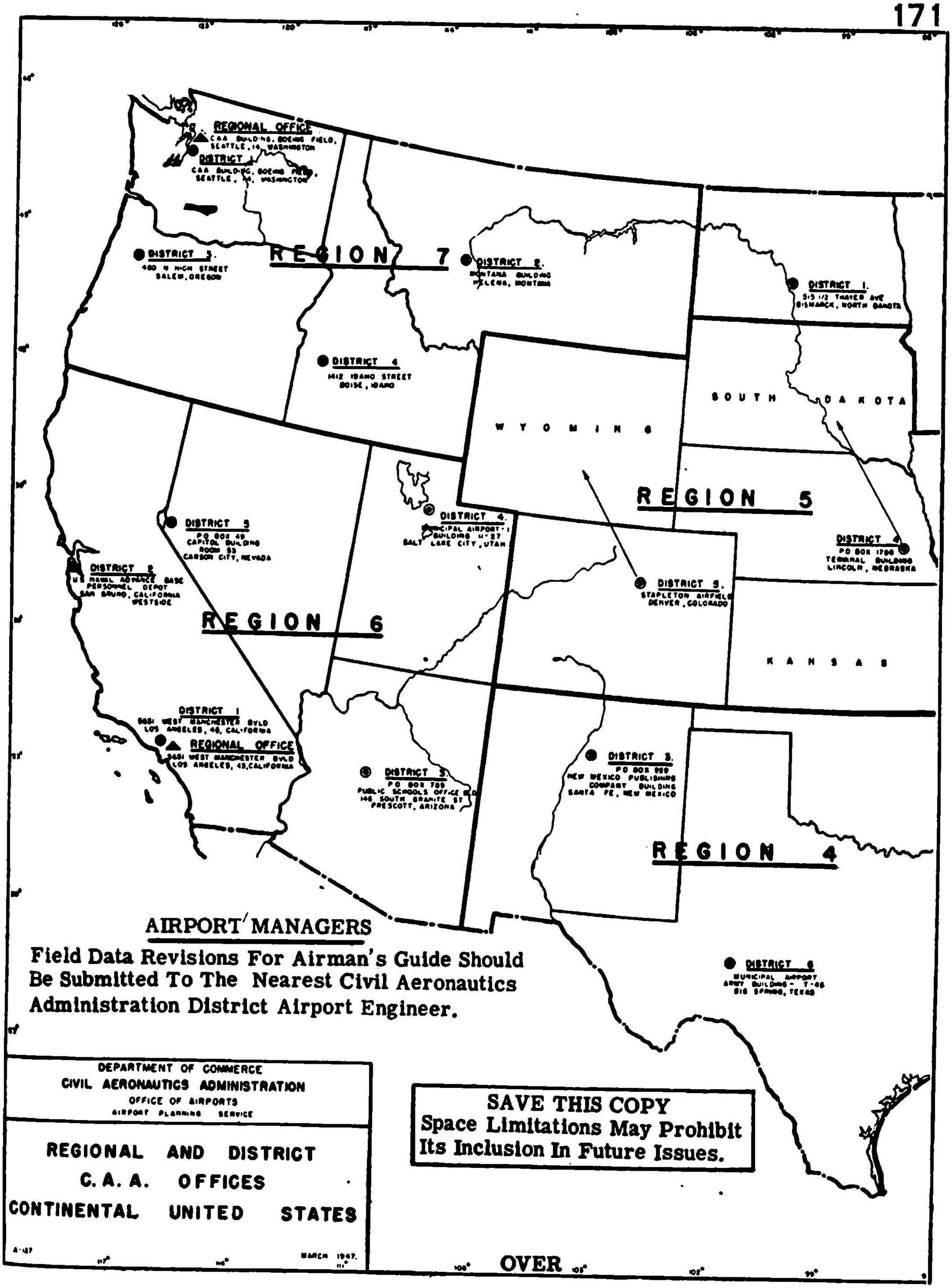
Var. 4° W. "N" signal to NE, blue sector to W, yellow sector to E. CAUTION: Unmonitored. These data rcvd too late for inclusion on data page or chart.

WISCONSIN

ANTIGO ARPT-Use with ctn during thawing weather. (3-11)
BOYCEVILLE ARPT-Fld soft in wet weather. (2-17)
CHAPLIN'S ARPK (PLYMOUTH)-Only E/W strip avail. (3-12)
CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (4-4)
EAU CLAIRE MUN. ARPT-Use rnwys only. Shoulders rough and soft pending completion of grading opers in spring 1947. (11-18)
GENERAL MITCHELL FLD (MILWAUKEE)-Equip. on fld days. Right turn procedure rstd to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bl dg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flgts to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi. E taxiway clsd. Obst lgt atop 95' chimney SW corner fld inop. Rdo rec. rqrd for all lcly based acft. (4-8).
GINNOW ARPT (OMRO)-Use strips only. (1-6)
LA CROSSE ARPT-Use rnwys only. (3-24)
LA CROSSE INT, SITE 23A, CG-TWIN CITIES-Area N of red flags clsd. Soft. (3-25)
MARSHFIELD ARPT-Temp 125' rdo twrs with ngt lgts erected 8 mi ESE (105°) true. (3-24)
MERRILL ARPT-Clsd to heavy acft, soft. Lgt planes use at own risk. Use rnwys only.
MOREY ARPT (MADISON)-Use strips only. (1-8)
OCONTO FALLS ARPT-Use strips only. (3-26)
PLATTE ARPT (PLATTEVILLE)-CLOSED (const)(3-20)
RICHLAND CENTER ARPT-Avail. lgt acft only. (4-8)
SHAWANO ARPT-Soft-land at own risk. (3-13)
SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (4-7)
SOLON SPRINGS ARPT-Hangar under const. (4-2)
STEVENS POINT ARPT-Use rnwys only. (1-20)
TOMAH ARPT-N/S strip under const. (2-24)
TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough. bal of grass areas unsafe and rough. Flood lgts and svcg not avail. 2230 until 0700 daily with exception of Thurs when flood lgts and svcg not avail. after sunset. (4-8)
WAUKESHA CO. ARPT-Acft turn left after landing and taki on right side of strip. Soft until approx Apr 15-trans acft land at own risk. (3-11)
WINNEBAGO CO. ARPT (OSHKOSH)-Use rnwys only. All traffic left hand, 600' except E and NE which is right traffic 600'. (4-7)

WYOMING

ARCHER-RADIO: FM on E course of Cheyenne range will be decomm soon.
CASPER AAF-No opers office. Rnwy lgts Rnwy 34 inop. (3-24)
CHEYENNE ARPT-RADIO: CAA ILS will be comm soon. Voice equipped lclzr on 110.3 mcs. Ident. "CX". Lctd 457' W of the W end of the E/W rnwy. Mag heading for landing: 262°. Glide path on 335 mcs, lctd 982' W of approach end and 400' S of center line of E/W rnwy. Middle mrkr lctd 3461' E from approach end E/W rnwy, keyed alternate dots and dashes. Outer mrkr 32,274' E from approach end of E/W rnwy, keyed 2 dashes. Middle compass lctr on 230 kcs. Ident. "X". Outer compass lctr on 260 kcs. Ident. "C". (3-18) FLD: Equipment on field days. Lighted building between E/W runway and taxi strip, 1000' from E end (1-1)
JACKSON MUN. ARPT-Cattle on field intmtly. (5-20)
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equip. on fld intermittently. Ctc Sheridan rdo for fld lgts. (2-6)
WARDWELL FIELD (CASPER)-Use rnwys, taxi strips only, bal fld rough. 40' unlgtd pole erected at 30 million candle pwr ceilometer projector 1000' N of hangar. (4-8)



AIRPORT MANAGERS

Field Data Revisions For Airman's Guide Should Be Submitted To The Nearest Civil Aeronautics Administration District Airport Engineer.

DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AIRPORTS
AIRPORT PLANNING SERVICE

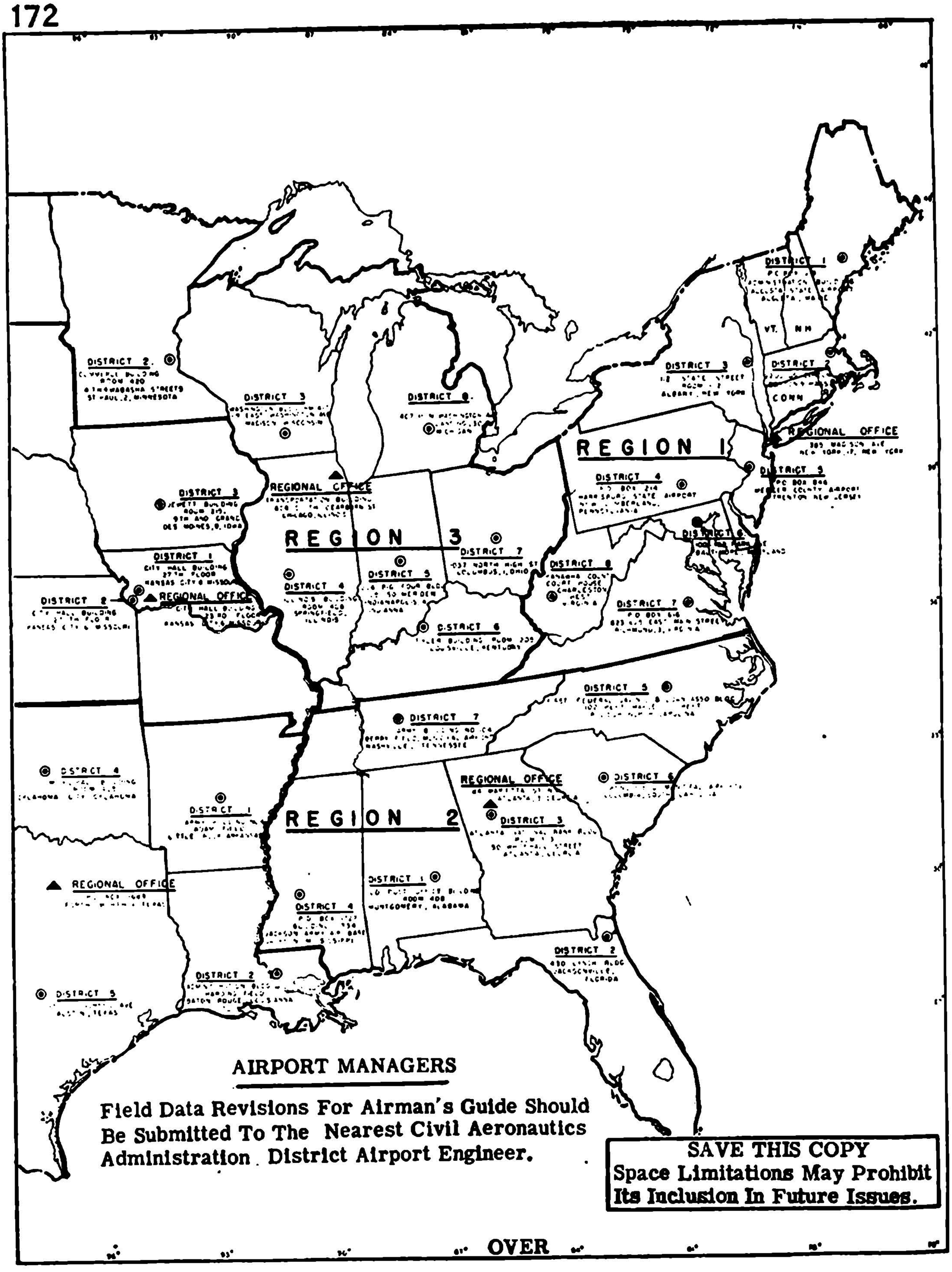
REGIONAL AND DISTRICT C. A. A. OFFICES CONTINENTAL UNITED STATES

A-147 MARCH 1947.

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April 15, 1947

AERONAUTICAL CHARTS

U. S. Coast and Geodetic Survey Dates of Latest Prints

Dates in small type indicate minor changes which are not of sufficient importance to make the previous print obsolete. All charts carrying dates older than those shown in large type on this list are obsolete for use in flight.

SECTIONAL

Aberdeen	Dec. 11, 1945	Nov. 25, 1946
Albany	Jan. 7, 1947	
Albuquerque	Mar. 7, 1947	
Aroostook	Dec. 31, 1946	
Austin	Jan. 28, 1947	
Beaumont	Jan. 28, 1947	
Bellingham	Oct. 22, 1946	
Birmingham	Oct. 2, 1946	
Boise	Apr. 30, 1946	Oct 25, 1946
Boston	Jan. 14, 1947	
Burlington	Dec. 31, 1946	
Butte	May 15, 1946	Nov 6, 1946
Casper	Nov. 7, 1946	
Charlotte	Oct. 25, 1946	
Chattanooga	Oct. 25, 1946	
Cheyenne	Nov. 21, 1946	
Chicago	Dec. 24, 1946	
Cincinnati	Oct. 25, 1946	
Cleveland	Jan. 7, 1947	
Corpus Christi	Feb. 4, 1947	
Dallas	Sept. 23, 1946	
Del Rio	Jan. 22, 1946	Jan 28, 1947
Denver	Mar. 11, 1947	
Des Moines	Dec. 13, 1946	
Detroit	Dec. 31, 1946	
Douglas	Jan. 14, 1947	
Dubuque	Oct. 2, 1945	Dec 12, 1946
Duluth	Jan. 8, 1946	Nov. 28, 1946
Elko	Nov. 1, 1946	
El Paso	July 25, 1946	Jan 17, 1947
Fargo	May 29, 1946	Nov 21, 1946
Glacier Park	Oct. 30, 1946	
Grand Canyon	Mar. 11, 1947	
Grand Junction	Mar. 11, 1947	
Green Bay	June 12, 1946	Dec 9, 1946
Huntington	Oct. 9, 1946	
Jacksonville	Feb. 7, 1947	
Kansas City	Sept. 27, 1946	
Klamath Falls	Nov. 7, 1946	
Kootenai	Oct. 28, 1946	
La Grande	Oct. 25, 1946	
Lake Huron	Dec. 30, 1946	
Lake Superior	June 13, 1946	Dec 3, 1946
Lake of Woods	May 24, 1946	Nov 19, 1946
Lewiston	Jan. 8, 1947	
Lincoln	Dec. 3, 1946	
Little Rock	Sept. 27, 1946	
Los Angeles	Feb. 25, 1947	
Miami	Feb. 24, 1947	
Miles City	May 13, 1946	Nov 12, 1946
Milwaukee	Dec. 31, 1946	
Minot	June 6, 1946	Nov 19, 1946
Mobile	Feb. 3, 1947	
Mt Shasta	Oct. 25, 1946	
Mt. Whitney	Feb. 21, 1947	
Nashville	Oct. 13, 1946	
New Orleans	Jan. 29, 1947	
New York	Jan. 9, 1947	
Norfolk	Oct. 23, 1946	
Oklahoma City	Sept. 23, 1946	
Orlando	Feb. 13, 1947	
Phoenix	Mar. 3, 1947	
Pocatello	Nov. 3, 1946	
Portland	Oct. 25, 1946	
Prescott	Mar. 5, 1946	Sept 3, 1946
Rapid City	Nov. 13, 1946	
Reno	Feb. 17, 1947	
Roswell	Sept. 16, 1946	
Sacramento	Feb. 16, 1947	
Salina	Sept. 26, 1946	
Salt Lake City	Nov. 7, 1946	
San Antonio	Jan. 28, 1947	
San Diego	Feb. 26, 1947	
San Francisco	Feb. 21, 1947	
Savannah	Oct. 25, 1946	
Seattle	Oct. 23, 1946	
Shreveport	Sept. 16, 1946	
Sioux City	May 31, 1946	Nov 22, 1946
Spokane	Oct. 23, 1946	
Trinidad	Sept. 16, 1946	
Tulsa	Sept. 27, 1946	
Twin Cities	May 31, 1946	Dec 6, 1946
Washington, D.C.	Oct. 22, 1946	
Wichita	Mar. 5, 1946	Sept 16, 1946
Williston	Nov. 1, 1946	
Winston-Salem	Oct. 2, 1946	
Yellowstone Park	Nov. 1, 1946	

WORLD AERONAUTICAL - UNITED STATES

WAC 215	Oct. 19, 1946	WAC 266	Dec. 2, 1946	WAC 309	Jan. 10, 1947	WAC 364	Feb. 17, 1947	WAC 467	Feb. 4, 1947
WAC 216	Oct. 21, 1946	WAC 267	Nov. 22, 1946	WAC 310	Jan. 14, 1947	WAC 404	Aug. 26, 1946	WAC 468	Feb. 3, 1947
WAC 217	Nov. 1, 1946	WAC 268	Nov. 1, 1946	WAC 357	Oct. 13, 1946	WAC 405	Feb. 27, 1947	WAC 469	Jan. 22, 1947
WAC 218	Nov. 12, 1946	WAC 269	Oct. 28, 1946	WAC 358	Oct. 2, 1946	WAC 406	Sept. 13, 1946	WAC 470	Jan. 20, 1947
WAC 219	Nov. 12, 1946	WAC 304	Oct. 29, 1946	WAC 359	Oct. 2, 1946	WAC 407	Sept. 23, 1946	WAC 471	Jan. 15, 1947
WAC 262	Dec. 19, 1946	WAC 305	Nov. 12, 1946	WAC 360	Sept. 23, 1946	WAC 408	Oct. 3, 1946	WAC 522	Jan. 30, 1947
WAC 263	Dec. 19, 1946	WAC 306	Dec. 2, 1946	WAC 361	Sept. 11, 1946	WAC 409	Oct. 8, 1946	WAC 525	Feb. 13, 1947
WAC 264	Dec. 18, 1946	WAC 307	Dec. 4, 1946	WAC 362	Mar. 15, 1947	WAC 410	Oct. 13, 1946		
WAC 265	Dec. 5, 1946	WAC 308	Dec 12, 1946	WAC 363	Feb. 17, 1947	WAC 466	Feb. 11, 1947		

RADIO DIRECTION FINDING

1-DF	Sept., 1946	21-DF	Jan. 3, 1947	24-DF	Nov. 21, 1946	Brownsville	Jan. 29, 1947	New York & Vicinity	Aug 6, 1946
2-DF	Sept., 1946	22-DF	Jan. 15, 1947	25-DF	Oct. 6, 1946	Los Angeles	Mar. 4, 1947	San Diego	Aug. 6, 1946
3-DF	Jan., 1947	23-DF	Mar. 4, 1947	26-DF	Oct. 30, 1946	Miami	Feb. 18, 1947	Seattle	Nov. 28, 1946
								Washington	Nov. 7, 1946

LOCAL

WORLD AERONAUTICAL - ALASKA

WAC 62	Feb. 1946	Nov 1946	WAC 77	Mar. 1946	WAC 119	Feb. 1947	
WAC 63	Jan. 1947		WAC 78	Mar 1946	WAC 135	Nov 1946	
WAC 64	Mar. 1946	Dec. 1946	WAC 117	Feb. 1947	WAC 136	Jan. 1947	
WAC 76	May 1946		WAC 118	July 1946	WAC 137	Mar. 1946	

WAC 138	Jan. 1947						
WAC 139	Mar. 1946	Dec 1946					
WAC 186	Mar. 1946	Dec 1946					
WAC 190	Apr. 1946						

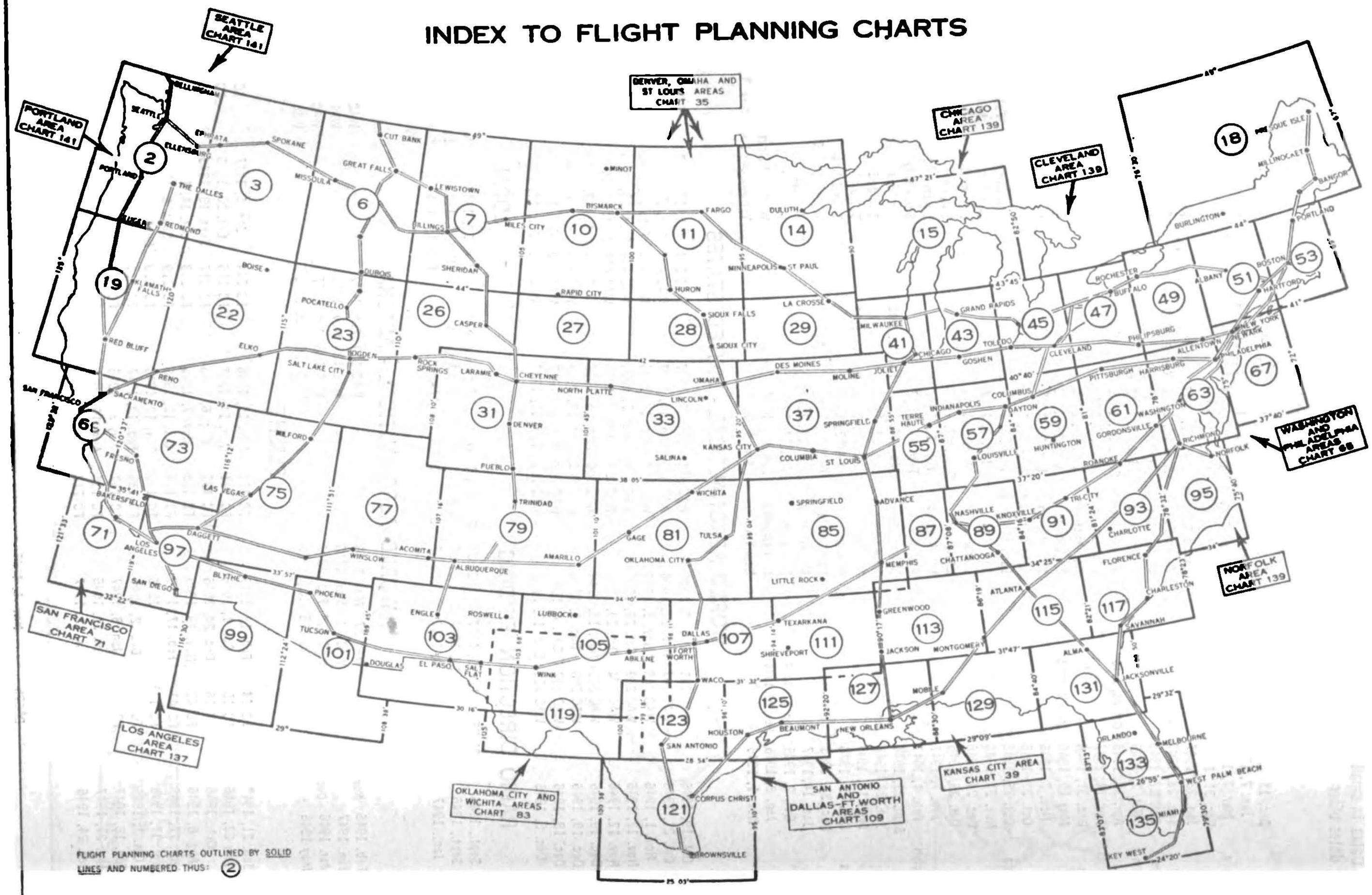
FLIGHT

FC 3	Jan. 21, 1947	FC 14	Feb. 18, 1947	FC 178	Nov. 13, 1946	FC 214	Jan. 5, 1947	FC 225	Dec. 19, 1946
FC 4	July 23, 1946	FC 15	Oct. 1, 1946	FC 181	Jan. 14, 1947	FC 216	Oct. 26, 1946	FC 226	Dec. 12, 1946
FC 6	Oct., 1946	FC 16	Dec. 24, 1946	FC 182	Aug. 6, 1946	FC 217	Sept. 13, 1946	FC 227	Dec. 30, 1946
FC 7	Aug. 6, 1946	FC 42	Nov. 19, 1946	FC 183	Nov. 7, 1946	FC 218	Oct. 14, 1946	FC 228	Jan. 14, 1947
FC 8	Sept. 17, 1946	FC 43	Feb. 17, 1947	FC 184	Oct. 12, 1946	FC 219	Sept. 6, 1946	FC 229	Jan. 17, 1947
FC 9	Sept. 17, 1946	FC 173	Nov. 25, 1946	FC 185	Nov. 12, 1946	FC 220	Sept. 11, 1946	FC 230	July 30, 1946
FC 10	Oct. 1, 1946	FC 174	Dec. 2, 1946	FC 186	Feb. 10, 1947	FC 221	Nov. 14, 1946	FC 231	Jan. 14, 1947
FC 11	Feb. 18, 1947	FC 175	Jan. 8, 1947	FC 187	May 31, 1946	FC 222	Dec. 2, 1946	FC 232	Sept. 10, 1946
FC 12	Jan. 21, 1947	FC 176	Sept. 30, 1946	FC 188	Aug. 19, 1946	FC 223	Nov. 21, 1946	FC 233	Sept. 24, 1946
FC 13	Dec. 24, 1946	FC 177	Jan. 13, 1947	FC 213	Aug. 19, 1946	FC 224	Dec. 8, 1946	FC 234	Dec. 2, 1946

PLANNING

3060b	Nov. 1, 1945	3069a	July 9, 1946	**April 15, 1947**

INDEX TO FLIGHT PLANNING CHARTS

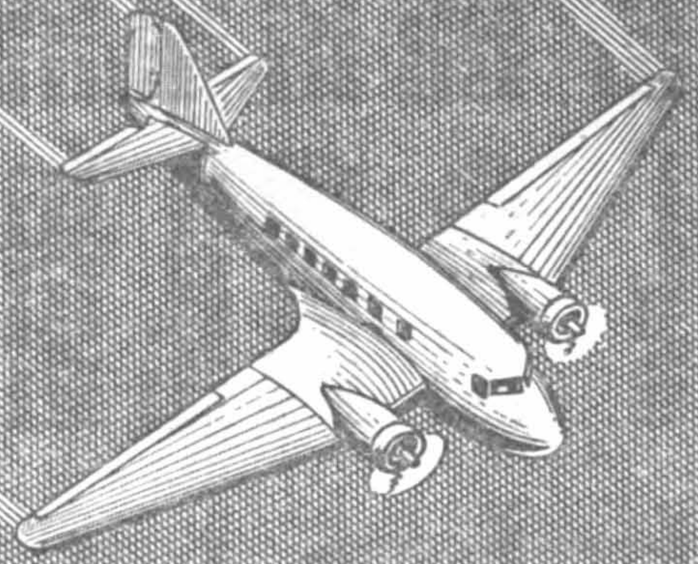


FLIGHT PLANNING CHARTS OUTLINED BY SOLID LINES AND NUMBERED THUS: (2)

SPECIAL NOTICE

As is obvious, the Guide is being revised. Certain inconveniences, such as chopped-up charts and vertical charts facing horizontal data pages, are necessary until the revision is completed about August 1, 1947. Your cooperation in accepting this situation until that time will be appreciated.

AIRMAN'S GUIDE



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NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 2, NO. 3 . . . . APRIL 29, 1947

This issue includes all data on record as of 0001 E.S.T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

GCA AVAILABLE: How and Where

GROUND CONTROLLED APPROACH (GCA) AVAILABLE TO CIVIL PILOTS AS WELL AS ARMY AND NAVY: All GCA facilities (Army, Navy, or CAA) are available to any plane in emergency. To secure GCA assistance pilots should call the associated control tower for instructions.

In addition to the working frequencies listed below, Army and Navy GCA emergency VHF transmissions are made on 140.58 mcs. Simplex service on 3117.5 kcs. will be provided at all Army and Navy installations to provide an alternate means of communications for scheduled air carrier aircraft. Army and Navy towers will relay GCA instructions on 200-400 kcs band to civil aircraft not equipped to receive VHF or HF.

A minimum of 30 minutes will generally be required to assemble a GCA crew and prepare the equipment for operation AFTER an alert has been received at those locations not providing continuous service.

NAVY GROUND CONTROLLED APPROACH (GCA): Universal frequencies allocated primarily for Navy GCA operational use are as follows:

HF COMMUNICATIONS	VHF COMMUNICATIONS
3475,4890,6640 kcs.	134.64,142.02,143.64 mcs.

As a safety precaution Navy GCA units will also be prepared at all times to control both AAF and Navy aircraft on 140.58 mcs., emergency frequency.

In addition to the standard frequencies listed in above paragraph the Navy GCA is prepared to transmit on HF from 2000 to 18100 kcs and receive on 1500 to 9050 kcs to aid any plane in emergency.

Navy GCA is available to aid any plane in emergency. It is the responsibility of the pilot desiring GCA assistance to establish communication with the appropriate control tower for preliminary approach instruction. The pilot will then be instructed as to the proper frequency for contacting the GCA unit. If the pilot is unable to transmit or receive on the standard GCA high (HF) frequencies, arrangements can be made through the control tower for the GCA unit to shift to a high frequency (HF) the plane can use, within the HF bands listed above.

Call signs for all Navy GCA units are the name of the field plus "GCA". Sample: "Norfolk GCA".

Navy GCA Operational Units are listed as follows:

PLACE	WEATHER MINIMUMS		OPERATING HOURS
	CEILING	VISIBILITY	
Atlantic City NAS, N.J.	200'	1/4 mi.	30-minute notice
Cherry Point MCAS, N.C.	300'	1/2 mi.	30-minute notice
Corpus Christi NAS, Texas	100'	1/2 mi.	30-minute notice
El Toro MCAS, Calif.	- -	- - -	30-minute notice
Jacksonville NAS(Lee Fld), Fla.	200'	1/2 mi.	15-minute notice
Miramar MCAS, Calif.	200'	3/4 mi.	30-minute notice
Moffett Fld NAS, Calif.	100'	1/2 mi.	Continuous
New York NAS(Floyd Bennett)N.Y.	100'	1/4 mi.	30-minute notice
Norfolk NAS, Va.	200'	1/2 mi.	30-minute notice
Oakland NAS, Calif.	100'	1/4 mi.	30-minute notice
Olathe NAS, Kans.	100'	1/4 mi.	30-minute notice
Patuxent River NAS, Md.	100'	1/4 mi.	Continuous
Quonset Point NAS, R.I.	200'	1/4 mi.	30-minute notice
Saufley Fld NAAS, Fla.	100'	1/2 mi.	30-minute notice
Seattle NAS, Wash.	100'	1/2 mi.	30-minute notice
Squantum NAS, Mass.	200'	1/2 mi.	30-minute notice
Whidbey Island NAS, Wash.	100'	1/4 mi.	30-minute notice

ARMY GROUND CONTROLLED APPROACH (GCA): (a) CONTACT: Pilots requiring GCA assistance should call the associated control tower requesting instructions for working GCA. Example: "Andrews Tower, this is Army 5555, request GCA". (b) TOWER INSTRUCTIONS: Control towers will ascertain frequencies available to both pilot and GCA, advise the pilot and establish contact with the GCA unit. Example: "Army 5555, this is Andrews Tower, do you have channel G, over". "Andrews Tower, this is Army 5555, channel G available, over". "Army 5555, this is Andrews Tower, establish contact with GCA on channel G, out". "Andrews GCA, this is Army 5555, over". "Army 5555, this is Andrews GCA, your position is now etc . . .". (c) EMERGENCY: When receiver and transmitter difficulties exist, the tower may relay Ground Controlled Approach instructions to the pilot. However, from a safety standpoint the procedure should be used as an emergency contingent only. (d) ALERTING GCA: After being inoperative, GCA units require approximately 20 to 30 minutes for warming up. Pilots should anticipate requirement for GCA in flight planning and request alerting of GCA units as far in advance as possible.

ARMY GCA FACILITIES

STATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	
Fairfield Suisun AAF, Calif.	126.18,128.16,131.40, 137.88,134.10,137.70, 140.58 mcs.3117.5 kcs.*	272,3117.5 kcs or any freq. between 1500-18,000 kcs on req.	Cont.during IFR;0900-2100 Mon.-Fri.;30 min. call at all other times
Barksdale Fld, La.	126.18,137.88,140.58, 137.70,134.1,116.1 mcs. *	126.18,137.88,140.58, 137.7,134.1,116.1 mc. 4495, 6210 kcs.	0800-1700 Mon-Fri.; immediately on call during IFR;40 min.call at all other times.
Westover Fld, Mass.	137.88,140.58,134.1, 137.7 mcs.	137.88,140.58,134.1, 137.7 mcs.3117.5 kcs.	Cont.when ceiling is 3000' or less and/or visibility is 3 mi.or less & 1 hr.req. all other times.
Andrews Fld, Md.	116.1,126.18,134.1, 137.7,137.88,140.58 mcs.3117.5 kcs. *	116.1,126.18,134.1, 137.7,137.88,140.58 mcs.;4495,3105,6210, 3117.5 kcs.	Cont.during IFR 0800-1700 daily and on 30 min. req. 1700-0800 CFR.
Clinton Co. AAF, Ohio	116.1,137.7,126.18, 137.88,140.58,134.1 mcs.; 3117.5 kcs. *	116.1,137.7,126.18, 137.88,140.58,134.1 mcs.; 1500-18000 kc.	Cont.during IFR;0800-2200 daily or on 30 min.req.all other times.
Langley Fld, Va.	116.1,126.18,137.88, 140.58,134.1,137.7 mcs. *	116.1,126.18,137.88, 140.58,134.1,137.7 mcs.;3105,4495,6210 kcs.	Training and emergency only.
Mitchel Fld, N.Y.	116.1,126.18,137.88, 140.58,134.1,137.7 mcs. 3117.5 kcs. *	116.1,126.18,137.88, 140.58,134.1,137.7 mcs.;3105,4495,4765 3117.5 kcs.	Cont.during IFR,GCA, 500' practices 0900-1130 and 1300-1630 during CFR,or on req.during CFR within 40 minutes.

* 3475, 4890, 6640 kcs.

N.B. Weather Minimums: For clearance purposes minimums established in TO-08-15-3 or AAF Regulations 60-16 apply.

C.A.A. GROUND CONTROLLED APPROACH (GCA): The C.A.A. has control tower-operated GCA units at Washington National Airport, Chicago Airport, and Indianapolis Airport. The La Guardia Field unit will be commissioned in the immediate future. The C.A.A. installations, however, are operating on a service test or experimental basis only, and for operator training, and can be used only for practice approaches and landings until further notice. No emergency landing service is available until these units are officially commissioned.

STATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	
Chicago Airport, Ill.	350 kc,109.5,126.18 mc.	3105,4495,6210, 3117.5 kc 126.18,118.1,118.7,122.5 mc	Cont.
Indianapolis Arpt., Ind.	212 kcs.;126.18 mc		8 a.m.-4 p.m. Mon.-thru Fri.
LaGuardia Fld, N.Y.	(Not yet comm.)		
Washington National Airport, D. C.			Cont.

N.B. Pilots desirous of making practice GCA approaches should make their own arrangements with the tower concerned.

AIR NAVIGATION RADIO AIDS

LEGEND

(3) - Station guards 3105, 4495, 6210 kcs

(4) - Station guards 3105, 4495, 6210, 3117.5 kcs.

(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis

→ - New or revised data*

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C.....Control Tower, CAA
CA.....Control Tower, Army
CI.....Control Tower (City, County, Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMH.....Compass locator station when combined with fan marker
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System (voice on localizer channel)
IM.....VHF boundary marker
K.....Independent compass locator station (now shown as "MH")
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts
MM.....VHF middle marker
MMH.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators), power more than 50 less than 150 watts
MRL.....Range (loop radiators), power more than 50 less than 150 watts
OM.....VHF outer marker
OMH.....Compass locator when installed at outer marker site or within
P.....Point to point radio } 5.5 miles of middle marker
RA.....Range (adcock, vertical radiators), power 150 watts or more
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TX.....Principal teletype
V.....Additional voice feature on VHF
VAR.....Visual-aural VHF range (every VAR has simultaneous
W.....Without voice facilities } voice feature)
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •–	E-EASY •	I-ITEM ••	M-MIKE ––	Q-QUEEN ––•–	U-UNCLE ••–	Y-YOKE –•––
B-BAKER –•••	F-FOX ••–•	J-JIG •–––	N-NAN –•	R-ROGER •–•	V-VICTOR •••–	Z-ZEBRA ––••
C-CHARLIE –•–•	G-GEORGE ––•	K-KING –•–	O-OBOE –––	S-SUGAR •••	W-WILLIAM •––	
D-DOG –••	H-HOW ••••	L-LOVE •–••	P-PETER •––•	T-TARE –	X-XRAY ––•–	

1 •————	3 •••––	5 •••••	7 ––•••	9 ————•
2 ••–––	4 ••••–	6 –••••	8 –––••	0 —————

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered non-directional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles. These are now shown as "MH" facilities.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency, and generally, VHF of 116.1 and/or 111.1 mcs. 116.1 mcs. is used for transmission to Army aircraft, 111.1 mcs. to civil aircraft.

The classification designation "B" denotes that the station broadcasts meteorological and notice to airmen information on a scheduled basis at 15 & 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, see *FLIGHT INFORMATION MANUAL*

AIRPORT DATA

NAME

(When city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A)	Airport name	(A) -	Owned or leased totally by Army
(N)	"	(N) -	" Navy
(CG)	"	(CG)-	" Coast Guard
(NG)	"	(NG)-	" National Guard
(A)	"	-	Open to civilians but owned or leased wholly or in part by Army, Air Reserve, Army svcg. detachment, or contract gas usually avail.
(N)	"	-	Open to civilians but owned or leased wholly or in part by Navy.
(CG)	"	-	" Coast Guard.
(NG)	"	-	" WD or State Govt. for Air Nat'l Guard. Ltd svcg. and main. for transient military acft.
(P)	"	-	Civil airport opened to military acft. (See Note 3)
★	"	-	CAA Intermediate Field

CLASS

SIZE

40: Length of longest landing strip (unpaved) in hundreds of feet

40h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl").

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1: Voice availability via tower, range (or homing device), or voice station

R2: Range (or homing device) and tower

R3: Range (or homing device), tower, and instrument landing system

LIGHTS

L: Incomplete lighting, either flood or portable runway lights

L1: Beacon only

L2: Beacon and boundary

L3: Beacon, boundary, and obstruction

L4: Beacon, boundary, obstruction, and flood

L5: Beacon, boundary, obstruction, flood, and runway contact

(L5): Identical to L5 except that runway contact lights are high intensity

L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach

(L6): Identical to L6 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

S1: Fuel

S2: Fuel, storage

S3: Fuel, storage, minor aircraft repairs

S4: Fuel, storage, minor aircraft, and minor engine repairs

S5: Fuel, storage, major aircraft, and major engine repairs

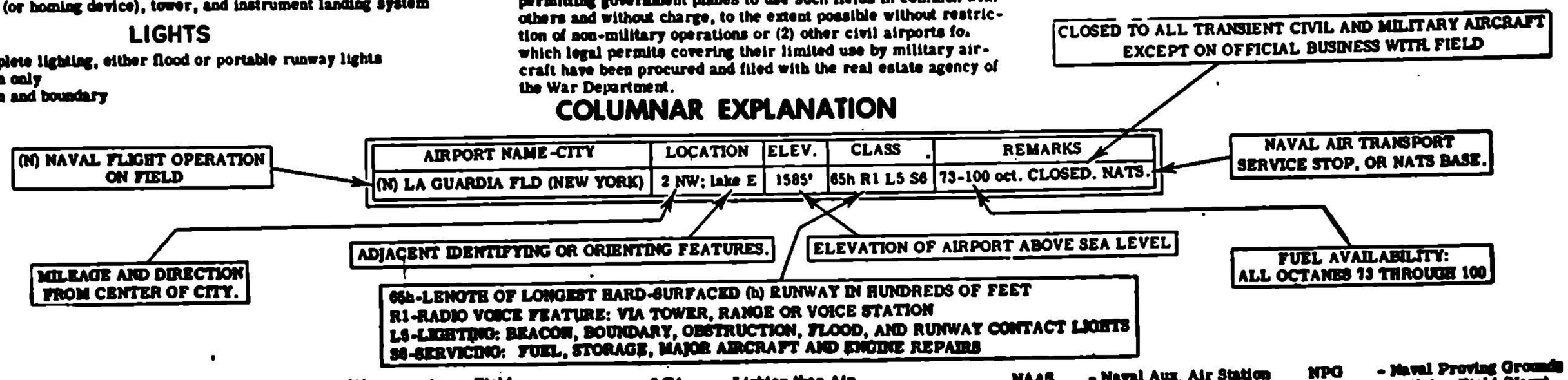
S6: Fuel, storage, major aircraft, and major engine repairs

N.B. Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently, servicing at such fields in isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1". "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there. Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. *
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, LS-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int.".
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct.", indicates fuel octanes available. "Army", or "Navy" following octane indicates Army or Navy contract fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines are cited.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly, the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft
7. Airline stop airport names are capitalized.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A)	- Army Field	LTA	- Lighter than Air	NAAS	- Naval Aux. Air Station	NPG	- Naval Proving Grounds
AAB	- Army Air Base	MCAS	- Marine Corps Air Station	NAF	- Naval Air Facility	OLF	- Outlying Field (Navy)
AAF	- Army Air Field	MCAAF	- Marine Corps Aux. Air Facility	NAS	- Naval Air Station		
CGAS	- Coast Guard Air Station	N	- Navy Field	(NG)	- National Guard		

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

FLIGHT PLANNING CHARTS

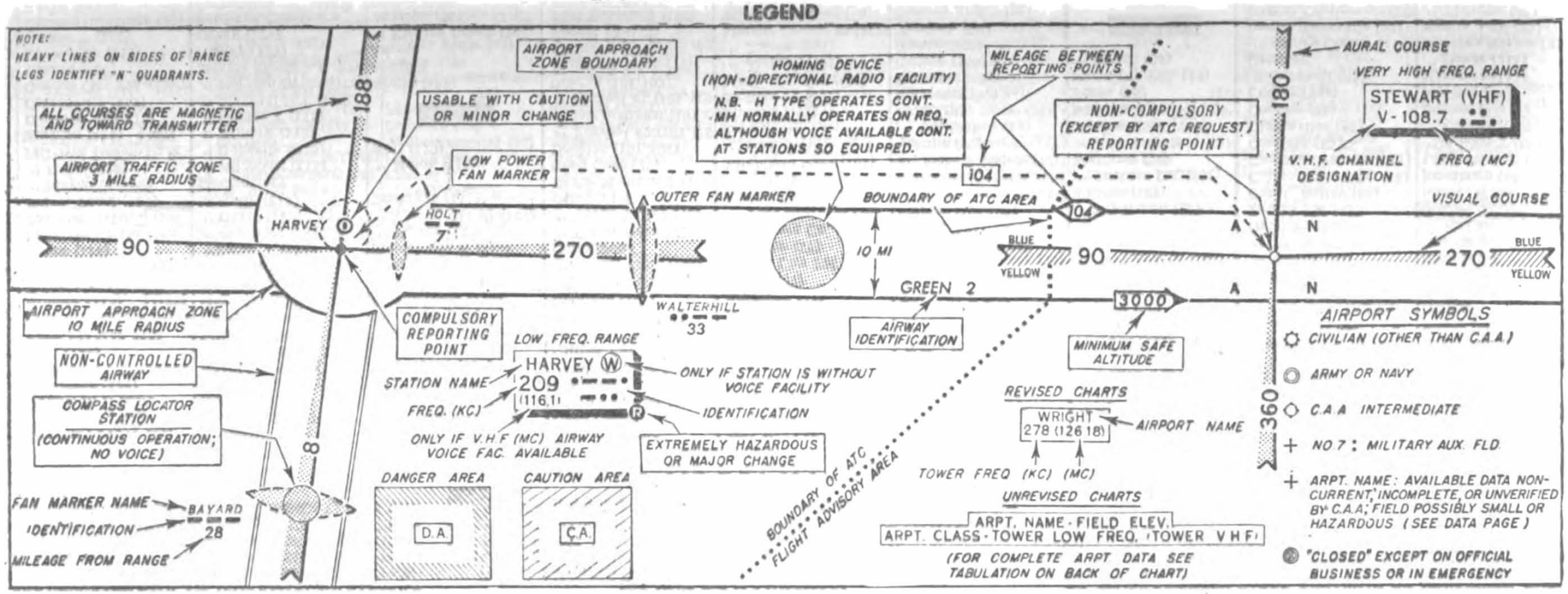


CHART CONTENTS

The Flight Planning Charts, in addition to the warning (R) and caution (I) symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages: (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled (R) or (I) items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new field, abandoned fields, range frequency changes, etc., are currently reflected on the charts For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of fre-

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol (R) for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol (I) for orange, or caution.

RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

Warning

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

Loop ranges (such as ML, RL, MRL without simultaneous feature) are not suitable for DF and ADF operations. DF or ADF use should be restricted to simultaneous type of range stations and commercial broadcast stations.

TABLE OF CONTENTS

FLIGHT PLANNING CHARTS AND DATA PAGES 1-141
DIRECTORY OF SEAPLANE BASES 142-143
NOTICES TO AIRMEN 144-

HOW TO USE THE AIRMAN'S GUIDE

GUIDE CONTENTS

THE AIRMAN'S GUIDE IS A COMPOSITE DIRECTORY OF AIRPORTS, AIR NAVIGATION RADIO AIDS, AND NOTICES TO AIRMEN. ON THE DATA PAGES ARE TABULATED ALL THE DATA COVERING THE FACILITIES CHARTED ON THE BACKING PAGES. THIS PRESENTATION IS GRADUALLY BEING REVISED, HOWEVER, SO THAT EVENTUALLY THE DATA PAGES WILL FACE THE CHARTS.

INDEX OF FACILITIES

TO FIND THE NUMBER OF THE PAGE ON WHICH A FACILITY IS CHARTED, REFER TO THE INDEX OF FACILITIES BELOW. AS OUTLINED ABOVE, THE DETAILED DATA FOR THE FACILITY WILL BE FOUND ON THE DATA PAGE BACKING, OR FACING, THE CHART.

NEW DATA PRESENTATION

(A) ON THE DATA PAGES BACKING OR FACING THE CHARTS, NEW DATA OR REVISIONS ARE INDICATED BY ARROWS; (B) IN THE NOTICES TO AIRMEN SECTION, CITATIONS COVERING NEW OR REVISED RADIO DATA ARE PREFIXED BY ONE LARGE STAR " ★ ". CITATIONS COVERING NEW OR REVISED AIRPORT, OR MISCELLANEOUS DATA ARE PREFIXED BY TWO ASTERISKS "**"

DATA PAGE NOTAMS

BECAUSE OF THE SERIOUS PAPER SHORTAGE, THE DATA PAGES, WHERE POSSIBLE, HAVE TO SERVE AS NOTAM (NOTICES TO AIRMEN) PAGES. RESULTANTLY, MOST OF THE NEW DATA FORMERLY NOTAMIZED IN THE NOTICES TO AIRMEN SECTION WITH PREFIXED LARGE STARS OR DOUBLE ASTERISKS ARE NO LONGER CARRIED IN THAT SECTION. ONLY COMMISSIONINGS, ABANDONMENTS, OR CHANGES SO POTENTIALLY HAZARDOUS THAT THEY ARE INDICATED WITH Ⓡ (FOR RED FLAG) SYMBOLS ON THE CHARTS, ARE NOW CITED IN THE NOTICES TO AIRMEN SECTION. NOTAMIZING ON THE DATA PAGES IS EFFECTED BY THE USE OF PREFIXED ARROWS AS IN THE FORMER AIR NAVIGATION RADIO AIDS PUBLICATION. ANY CHANGES FROM THE PREVIOUS ISSUE, WHETHER CITED IN THE NOTICES TO AIRMEN SECTION, OR NOT, ARE INDICATED BY THE PREFIXED ARROWS. FOLLOWING ARE EXAMPLES OF CHANGES NOTAMIZED ONLY ON THE DATA PAGES: FIELD OBSTRUCTION, SERVICING, ELEVATION, LOCATION, AND RUNWAY LENGTH CHANGES. BECAUSE OF THE USE OF THE PREFIXED ARROWS AS NEW DATA INDICATORS, A FURTHER INNOVATION HAD TO BE ADOPTED. THIS IS A TINTED HORIZONTAL LINE FOLLOWING THE LAST TABULATED FACILITY AND TITLED EITHER NEW RADIO FACILITIES OR NEW AIRPORTS.

NEW FACILITIES ON DATA PAGES

SPACE BELOW THE TINTED HORIZONTAL LINES ON THE DATA PAGES HAS BEEN RESERVED AS A SUPPLEMENT FOR NEW RADIO AIDS AND AIRPORTS WHOSE DATA WERE RECEIVED AFTER THE DATA PAGES WERE ORIGINALLY TYPED. REVISIONS TO EXISTING AIRPORTS AND RADIO AIDS ARE SUPER-IMPOSED ON THE OLD DATA. NEW AIRPORTS AND RADIO AIDS HOWEVER, ARE LISTED, NECESSARILY OUT OF ALPHABETICAL ALIGNMENT, BELOW THE TINTED HORIZONTAL LINES UNTIL THE PAGE IS RE-TYPED.

CHART NOTAMS

NOTAMIZING ON THE CHARTS IS EFFECTED BY USE OF THE SUPERIMPOSED Ⓡ AND Ⓞ SYMBOLS. THE Ⓡ (FOR RED FLAG) INDICATES A VERY HAZARDOUS CONDITION OR A MAJOR CHANGE. THE Ⓞ SYMBOL (FOR ORANGE FLAG) INDICATES A MINOR CHANGE OR HAZARDOUS CONDITION WITH THE FACILITY STILL USABLE WITH CAUTION. THE PERTINENT DETAILS TO WHICH THESE SYMBOLS REFER WILL BE FOUND LISTED IN THE NOTICES TO AIRMEN SECTION UNDER THE FACILITY NAME (AND STATE) BY WHICH THEY ARE CHARTED.

Ⓡ and Ⓞ SYMBOLS

THESE SYMBOLS WERE ADOPTED FOR SUPER-IMPOSITION OVER CHARTED FACILITIES TO INDICATE HAZARDOUS CONDITIONS AND COVERING NOTICES TO AIRMEN. THUS, IF A CHART USER NOTES NO SYMBOL ON THE FACILITIES HE IS PLANNING ON USING, THERE IS NO NECESSITY FOR HIM TO WADE THROUGH THE 30-ODD PAGE NOTICES TO AIRMEN SECTION.

NOTICES TO AIRMEN SECTION

ALL TEMPORARY CONDITIONS (FIELD SOFT, RUNWAY UNDER CONSTRUCTION, RANGE COURSE OUT OF ALIGNMENT, ETC) ARE CITED IN FULL IN THE NOTICES TO AIRMEN SECTION UNTIL THEY ARE NO LONGER IN EFFECT. WHEN A CITATION CARRIES A PERMANENT ITEM AND A TEMPORARY ITEM, THE PERMANENT ITEM IS UNDERLINED. PARENTHETICAL DATE AT END OF ITEM INDICATES TIME ITEM WAS REPORTED. TO CONFORM TO CHART PRACTICE, ALL FACILITY DATA ARE LISTED IN THE NOTICES TO AIRMEN SECTION AND ON DATA PAGES ALPHABETICALLY BY STATES AND BY FACILITY NAME. THUS, AN AIRPORT WILL BE FOUND LISTED ALPHABETICALLY UNDER ITS OWN NAME RATHER THAN UNDER ITS LOCALE'S NAME. IF THE AIRPORT OR RADIO FACILITY NAME IS OTHER THAN THAT OF THE CITY IN WHICH IT IS LOCATED, THE LOCATION IS SHOWN IN PARENTHESIS AFTER THE FACILITY NAME.

SPECIAL NOTICES

NOTICES OF NATIONAL INTEREST, OF GREAT IMPORTANCE, OR OF NON-LOCALIZED NATURE, WILL BE FOUND AT THE BEGINNING OF THE NOTICES TO AIRMEN SECTION.

CIVIL FACILITY CHANGES: ADVISE WHOM

PLEASE ADVISE THE OFFICE OF AVIATION INFORMATION, ATTENTION A-250, C.A.A., DEPARTMENT OF COMMERCE, WASHINGTON 25, D.C. AS SOON AS TEMPORARY CONDITIONS COVERING CIVIL AIRPORTS OR NAVIGATIONAL AIDS BEGIN OR TERMINATE, OR FLIGHT HAZARDS ARE ERECTED OR REMOVED. FIELD DATA REVISIONS SHOULD BE SUBMITTED TO THE NEAREST C.A.A. DISTRICT AIRPORT ENGINEER.

TO ALL SUBMITTERS OF AIRMAN'S GUIDE DATA

AN UNDER-MANNED STAFF PREVENTS AN INDIVIDUAL ACKNOWLEDGMENT OF DATA SUBMITTED FOR THE AIRMAN'S GUIDE BY TELEGRAM, TELETYPE DESPATCH, OR LETTER. YOUR COOPERATION IN PERMITTING A GUIDE CITATION TO SUFFICE AS AN ACKNOWLEDGMENT WILL BE APPRECIATED.

INDEX OF FACILITIES

[redacted]
Albertville (89,115)
Alexander City
" Russell (115)
Andalusia (129)
Anniston (115)
" AAF (115)
Athens (113)
Atmore (129)
Auburn-Opelika (115)
Barin (129)
Birmingham R,T (113)
" Central Park (113)
" Roberts (113)
Bradford FM (113)
Brewton (old)(129)*
" (new)(129)
Brookley T (129)
Canal (129)
Canoe FM (89)
Centre (89,115)
Clanton,Gragg (113)
Columbiana (113)
Courtland (89)
Craig R,T (113)
Cullman (89,113)
Decatur
" Beaver Dam (89)
Decatur, Pryor (89)
Demopolis (113)
Dothan A, R (129)
" Napier (129)
" Southern Airmotive (129)
Eden FM (113,115)
Elberta,Kaiser's Tract
Elmore (113) (129)
Enterprise (129)
Eufaula,Weedon (115)
Eutaw (113)
Evergreen,Middleton
Faircloth (129) (89)
Foley, Canal (129)
" Magnolia (129)
" Barin (129)
Ft.Payne,DeSoto Park
Furniss (113) (89)
Gadsden (89,113)
Gainesville (113)
Garden City FM (89)
Geneva (129)
Greenville (113)
Gunter T (115)
GuntersvilleDam (89)
Hartselle (89)
Headland (129)
Henderson (113)
Huntsville (89)
" Arsenal (89)
Hurtsboro (115)
Jasper,Walker Co.(113)
Josephine, Wolf (129)
Kaisers Tract (129)
Lillian,Faircloth (129)
Luverne (129)
Magnolia (129)
Maxwell R,T (113)
Mobile R (129)
"Bates T (129)
" Brookley T (129)
" Davis (129)
Mollette (113)
Montgomery
" Allenport (115)
" Dannelly (113)
" Elmore (113)
" Gunter T (115)
" Maxwell R,T (113)
" Norman Bridge(125)
Muscle Shoals A,R (87)
Napier (129)
Ozark (129)
Prichard,Chastain's
Scottsboro (129)
" No.Sauty Base (89)
Selma-Selfield (113)
Selma
" Autaugaville (113)
" Craig R,T (113)
" Dallas (113)
" Furniss (113)
" Henderson (113)
" Mollette (113)
Silverhill (129)
Summerdale (129)
Talladega (115)
Troy (115)
Tuscaloosa H (113)
" Foster (113)
" Van de Graaff (113)
Tuskegee (115)
" Moton (115)
Wolf (129)
[redacted]
Aguila (99)
Ajo (99)
Amado
" Kinsley Ranch (101)
Ashfork (75)
Bisbee (101)
Bowie (101,103)
Cactus,No.Phoenix(101)
Cameron (77)*
Casa Grande
" Three Point (101)
Chandler
" Williams T (101)
Clifton-Greenlee Co. (101,103)
Cochise R,A (101)
Coolidge (101)
" Airpark (101)
" Flying Field (101)
Cottonwood
" Clemenceau (75)
" Verde Valley (75)
Datelan (99)
Davis-Monthan T (101)
Deep Lake (77)
Douglas (101,103)
" Forrest #2 (101,103)
" International (101,103)
" McNeal #1 (101,103)
Duncan (101,103)
Flagstaff, Koch (77)
Florence (101)
Forest #2 (101)
Fort Huachuca (101)
Fredonia (75)
Gila Bend A,R (99)
" #4 (99)
Gila Bend #5 (99)
" #6 (99)
Globe, Cutter (101)
Grand Canyon
" South Rim (75)
Hayden (101)
Hereford (101)
Hilltop FM (101)
Holbrook (77)
" Int. (77)
Joseph City FM (77)
Kingman (75)
" Mohave Co. (75)
" Port Kingman (75)
Laguna Landing Strip (99)
Litchfield Park (101)
" NAF T (101)
Luke (101)
Marana (101)
McNeal #1 (101)
Mesa A*, FM (101)
" Airpark (101)
" Falcon (101)
Meteor Crator FM (77)
Nogales,Central (101)
" International (101)
Parker (99)
Perryville FM (101)
Phoenix R (101)
" Airhaven (101)
" Air-Topia (101)
" Luke (101)
" Paradise (101)
" Sky Harbor T (101)
" Thunderbird #1 (101)
" Thunderbird #2(101)
Prescott R (75)
" Ernest A. Love (75)
Quartzsite,Conner (75)
Redrock FM (101)
" Int. (101)
Safford (101,103)
" Wickersham (101,103)
Sahuarita FlgtStrip(101)
St. Johns,Saunders(77)
Salome (99)
" Int. (99)
Sells (101)
Somerton (99)
Superior (101)
Tempe (101)
Toltec (101)
Tonopah (99)
Tucson A. R (101)
" Airpark (101)
" Davis-Monthan T(101)
" Downtown (101)
Tucson, Gilpin (101)
" Ryan (101)
" Silverbell (101)
" Wagon Wheels Ranch (101)
Vail FM (101)
Valle (75)
Wellton (99)
" Smiley (99)
White River
" Fort Apache (101)
Wickenburg Mun (99)
" Sky Ranch (99)
Willcox (101)
" Cochise Co. (101)
Williams (75)
" AAF T (101)
Window Rock (77)*
Winslow A,R (77)
Yucca (75)
Yuma Fly.Fld. (99)
" Marsh (99)
[redacted]
Alma (85)
Arkadelphia (111)
Benton (85)
Bentonville (85)
Berryville (85)
Biggers (85)
Black Rock
" Sloan (85)
Blytheville R (87,85)
" AAF (87,85)
" American Legion (87,85)
" Cooter (87,85)
" Manila (85)
" Steele (87,85)
Brinkley (85)
Bruins FM (85)
Cabot, Bailey (85)
Calico Rock,Copp (85)
Camden,Grayson (111)
Carlisle (85)
Clarksville (85)
Conway (85)
Cotton Plant
" Overholt (85)
Crossett
" Ashley County (111)
Desha,Batesville (85)
DeWitt,Commercial(102)
El Dorado R (111)
" Goodwin (111)
Fayetteville (85)
Flippin
" John's Airpark (85)
Forrest City (85)
Fort Smith (85)
Harrison (85)
Hasty,Smith (85)
Hazen (85)
Helena
" Thompson-Robbins (85)
Hope (111)
Hot Springs
" McLaughlin (85)
Hughes,Tucker (85)
Joiner, Wilson (85)
Jonesboro (85)
Little Rock R (85)
" Adams T (85)
" Central (85)
Luxora (87,85)
McGhee (111)
Magnolia (111)
" Baker (111)
Malvern,Harlas (85)
Manila AAF (85)
" Fleeman (85)
Mena, Bowden (85)
Monticello
" Wright (102)

Newport (85)
" Erwin (85)
" Milltown (85)
Ola, Norman (85)
Palmer, Gilbrech (85)
Paris (85)
Pine Bluff, Grider R. (85)
" Toney (85)
Prairieville (85)
Prescott FM (102)
" Hope Prescott (111)
Rogers (85)
Round Pond (85)
Russellville
" Ark. Poly. College
Searcy (85)
Springdale (85)
Stuttgart R (85)
" AAF (85)
" Carlisle (85)
" Dockery (85)
" Hazen (85)
" Prairieville (85)
Texarkana A, R (111)
Van Buren, Greig (85)
Walcott #3 (85)
Walnut Ridge A, R (85)
" Walcott #3 (85)
West Memphis
" Bowen (85)
" Levee (85)
Wynne (85)

[redacted]

Alameda (71)
Allen (71, 73)
Alturas (19)
" #1 (19)
Amedee Figt Strip (19)
Anderson
" Pinnegar (19)
Antioch (71)
Arcata H, B, T (19)
Armitage (73)
Artesia, Cranford (137)
Auburn FM, A (57)
Avalon
" Buffalo Springs (97)
Bagdad (75)
Bakersfield R (73)
" Kern Co. T. (73)
" La Cresta (71, 73, 97)
" Minter (71, 73)
Banning A, FM (97)
Barstow (97)
Bass Lake
" Wishon, USFS (73)
Bay Point FM (99)
Beckwourth (19)
Bellflower (137)
Belmont (71)
Big Bear (97)
Big Pine (73)
Bishop (73)
Blue Canyon FM, H (19)
" Int. (19)
Blythe R (99)
" AAF (99)
" Gary (99)
" Harvey (99)
" Heron (99)
Borego Hotel (99)
Boron (97)
Brawley (99)
" O'Connell Bros. (99)
Bridgeport, Bryant (72)
Brown (97)
Burbank R LFM (137)
" Lockheed Air Term. T (137)
Calexico (99)
Callahan FM (19)
Camarillo, Conejo Val'y
Cambria (71) (137)
Camp Pendleton (97)
Carmel Valley (99)
Castiac FM (137)
Castle T (73)
" OLF (97)
Cedarville (19)
Chatsworth FMH, FM
Chester (19)* (137)
Chico (19)
" Ranchaero (19)
" Patrick (19)
Claremont
" Cable-Claremont
Clarksburg (137)
" Borges-Clarksb'g (69)
Clarks Dry Lake (97)
Coalinga (73)
Colusa (19)
Compton (137)
" Central (137)
Concord (71)
" Buchanan Co. (71)
Corcoran (73)
" Harvey (73)
Corning (19, 137)
Corona
Coronada FM (97)
Costa Mesa
" Newport Baysky Harbor (137)
Cotati (47)
Covelo
" Round Valley (19)*
Coyote Wells
" (North & South Flds) (99)
Crescent City
" Del Norte Co. (19)
" Gasquet (19)*
Crows Landing (69)
Culver City, Hughes
Daggett R (97) (137)
" San Bernardino Co. (97)
Davis
" State Forestry (69)
" University (69)
" Winters Figt Strip (69)
Death Valley Junction
" Amargosa (73)
Delano (73)
Del Mar (97)
Delta (19)
Desert Center (99)
" Int. (99)
Donner Summit R (19,
Dos Palos (69) (73)
" Eagle (69)
Downey FMH, FM (137)
" Vultee (137)
Dunsmuir (19)
El Cajon (97)
El Centro R (99)
" NAS T (99)
" Coyote Wells North Field (99)
" Coyote Wells South Field (99)
El Monte (137)
" Rosemead (137)
Elsinore (97)
" Lake Elsinore (97)
El Toro T (137)
Escondido, Engel (97)
Estrella (71)
Eureka A, FM (19)
" Humboldt Co. (19)
Evergreen FM (69)
Fairfield
" Suisun AAF R, T (69)
" Suisun Airpark (69)
Fall River Mills
" Fall River (19)
Farallon Island H (69)
Fontana FM (97)
Fort Jones A, R (19)*
Franklin (69)
Fresno R (73)
" Adams (73)
" Cannon (73)
" Fresno-Chandler (73)
" Fresno-Skylark (73)
" Furlong (Co. Club) (73)
" Hammer (73)
Fullerton (137)
Furnace Creek
" Death Valley Nat'l. Monument (73)
Gardengrove (137)
" Haster Farm (137)
Gardner (73)
Gillespie (97)
Glendale FMH (137)
" Grand Central T
Grass Valley (19) (137)
Gray Butte (137)
Gridley (19)
Gustine (69)
Half Moon Bay A, FM (60)
Hamilton H, T (69)
Hammer (73)
Hanford (73)
Haster Farms (137)
Hawes (97)
Hawthorne T (137)
Hayfork (19)*
Hayward (71)
Healdsburg
" Alexander Val'y (69)
" Norton Sky Ranch (69)
Helendale (97)
Hemet (97)
Hollister (69)
Holtville (99)
Horse Farm (137)
Huntington Beach A, FM (137)
Imperial Co. (99)
Independence (73)
Indio A, R (97, 99)
" Shavers Summit (99)
Inyokern
" Armitage (73)
" NAF (Harvey Fld) T (73, 97)
Jackson
" Amador County (69)
Jacumba Hot Spgs. (99)
King City (69)
La Habra FM (97)
Lakeport, Lampson (69)
La Mesa FM A (97)
" Jamacha (97)
" La Presa (97)
" Sweetwater Spgs (97)
Lancaster
" Antelope Valley (97)
" Quartz Hill (97)
" Sterk's Ranch (97)
" War Eagle (97)
Laytonville
" 101 Hereford Ranch (19)
Lebec FM (97)
Lemoore (73)
" Kleinhammer (73)
Lincoln (69)
Lindsey
" Coulburn (73)
Little River
" Mendocino (19)
Livermore NAS (71)
" Sky Ranch (71)
Lodi, Lind's (69)
" Kingsbury (69)
" Lodi Arpk (69)
Lomita (137)
Lompoc (71)
" com. (71)
Lone Pine (73)
Long Beach R, T (137)
Los Alamitos T (137)
" Horse Farm (137)
Los Angeles R (137)
" Culver City (137)
" Mines T (137)
" Torrance Community (137)
" Vail (137)
Los Banos A, FM (69)
Lost Hills #8 (71, 73)
Lower Lake
" Hoberg (69)
McClellan T (69)
McCloud
" Ash Creek (19)*
Madera (73)
Manteca, Summer Home (69)
Manzanar
" Inyo County (73)
March T (97)
Maricopa, Cuyama (71)*
Mariposa (73)*
Martinez (69)
Marysville, Alicia (19)
" Cheim (19)
Mather H, T (69)
Mecca, Port Mecca (99)
Merced Mun. (73)
" Castle T (73)
Mile Square Farm (137)
Minter (71, 73)
Mirage (97)
Miramar
" MCAS T (97)
" OLF (97)
Modesto (69)
Moffett T (49)
Monrovia (137)
Montague (19)
" Siskiyou Co. (19)
Montebello
" Ranchaero (137)
Monterey
" Monterey Peninsula (69)
Morgan Hill, Valley (69)
Mountain View A, R (71)
" NAS (Moffett) T (71)
Mt. Laguna H (97, 99)
Mt. Shasta R (19)
Muroc R, T (97)
Napa, Napa Co. (69)
" Napa Sky Ranch (69)
National City (97)
Needles A, R (75)
" Riverview (75)
Nevada City (19)
Newark FMH, FM (69)
Newhall A, R (137)
New Jerusalem (69)
Norco (137)
Norwalk
" Delbert Arpk. (137)
Oakland R, T (71)
Oceanside H, FM (97)
" Camp Pendleton (97)
" Hi Hi Sky Ranch (97)
Ocotillo (99)
Ojai, Henderson (71)
Olancha, Adamson (73)
" Monache Meadows (73)
" Templeton Meadow (73)
" Tunnel (73)
Ontario T (137)
" Cal-Aero (137)
Oroville (19)
Otay NAAS, Brown (97)
" Wolfe's Arpk. (97)
Oxnard Flight Strip (71)
" Ventura Co. (71)
Palisades (138)*
Palmdale A, R (97)
" Galbraith (138)
Palm Springs (97, 99)
Palo Alto (71)
Parlier
" Paiva Inter-City (73)
Paso Robles A, R (71)
" Estrella (71)
Petaluma (69)
" Justman Fld. (69)
" Oak View (69)
Point Mugu T (71)
Pomona (137)
" Brackett (137)
Porterville (73)
" Cornell (73)
Puente, Sky Ranch (138)
Quincy, Sky Harbor (19)
Randsburg (73, 97)
Ravendale (19)*
Ream T (97)
Red Bluff R (19)
" Bidwell (19)
Redding A, FM (19)
" Benton Arpk (19)
Reedley
" Great Western (73)
Rialto, Morrow (97)
Rice (99)
Riverside A, R (97)
" Arlington (97)
" March T (97)
Romona (97)
Rosamond, Barnes (97)
" Liberty (97)
Rosedale (97)
Sacramento R, T (69)
" Branstetter (69)
" Lincoln (69)
" McClellan T (69)
" Mather H, T (69)
Sacramento
" Sky Ranch (69)
Salinas A, R (69)
" American Legion (69)
Salton Sea (99)
" Borego Hotel (99)
" Clark's Dry Lake (97)
" Ocotillo (99)
San Bernardino (97)
" AAF T (97)
" Tri-City (97)
San Carlos (71)
" Cooley (71)
San Clemente Island (97)
" Castle (97)
San Diego R (97)
" NAS T (97)
" Gibbs (97)
" Lindbergh T (97)
" Miramar OLF (97)
" Miramar MCAS T (97)
" Pelk (97)
" Rosedale (97)
" San Diego (97)
" Sweetwater (97)
San Fernando (138)
" Whiteman Arpk (138)
San Francisco R, T (71)
" Gap FMH (71)
San Jacinto, Harmon (97)
San Jose (71)
" Reid-Hillview (71)
" San Jose City (71)
San Luis Obispo (71)
San Marcos
" McCormick (97)
" San Marcos Valley (97)
San Mateo (71)
" Bay Meadows (71)
San Nicolas Isl. (97)
San Pedro, Terminal Island T (137)
San Rafael
" Hamilton H, T (69)
" Marin Co., Inc. (69)
San Ramon (71)
Santa Ana R, T (137)
" El Toro T (137)
" Mile Quare Farm (137)
" Orange Co. (137)
Santa Barbara R, T (71)
Santa Cruz (69)
" Sky Park (69)
Santa Maria T (71)
" Dorman (71)
" Hancock (71)
" Machado (71)
Santa Monica (Clover) (137)
Santa Paula (71)
Santa Rosa (69)
" Santa Rosa Arpk (69)
" NAAS T (69)
Santa Susana (137)
Santa Ynez
" Crawford (97)
Santee, Gillespie (97)
San Ysidro
" Borderland (97)
" Ream T (97)
Saticoy (71)
Sausalito FM (69)
Secret Valley (19)
Shafter-Kern Co (71, 73)
Shavers Summit (99)
Silver Lake R, A (75)
Sonora, Columbia (73)
Stockton R A (69)
" Orange Bros. (69)
" West Lane (69)
Stratford, Newton (73)
Susanville (19)
Taft, Allen (71)
" Gardner (71)
" Parker (71)
" Taft-Kern Co. (73)
" Taft-Kern Co. Aux.
" Taft-Kern Co. #2 (73)
Tehachapi (73, 97)
Terminal Isl. T (137)
Thermal (99)
Tracy (71)
" New Jerusalem (69)
Trona A, R (73)
Truckee (91, 73)
Tulare (73)
" Defense Plant Corp. (73)
Turlock (69)
" Turlock Arpk (69)
Twentynine Palms
Ukiah (19) (99)
Upper Lake
" Gravelly Val'y (19)*
Vallejo Sky Harbor (69)
" Stan's Arpk (69)
Valley Springs
" Mother Lode (69)
Van Nuys
" Metropolitan T
Vernalis (71) (137)
Victorville "66" (97)
" AAF T (97)
" Grey Butte (137)
" Hawes (97)
" Helendale (97)
" Mirage (97)
Visalia (73)
" Green Acres (73)
" Sequoia (73)
" Piepgrass Bros.
Walnut Creek (73)
" Sherman (71)
Warm Springs (71)
Warner Hot Spgs. (97)
Watsonville #1 (69)
" #2 (69)
Weaverville (19)*
Westhaven
" Boston Land Co. (73)
Whitmore R (19)
Williams R (19)
" Dalton, com. (19)
" Int. (19)
Willits (19)
Willows-Glenn Co. (19)
Winters Figt Strip (69)
Woodlake (73)
Woodland
" Yolo Flyers (69)
Woodville, Vossler (73)
Yermo, Calico (97)

COLORADO

Akron A, R (31)
" Douglas (31)
Alamosa (79)
Alvin (31)
Arlington #4 (31)
Boulder (35)
Buckley T (35)
Burlington (31)
Calhan (35) (31)
Canon City, Fremont Co.
" Royal Gorge (31)
Colorado Spgs R (31, 35)
" Nichols (35)
" Peterson T (31)
" Pine Valley (35)
" Rocky Mtn. (35)
Cortez (77)
Craig (31)
Creede (79)
Dacona FM (35)
Delta, Starr Nelson (77, 31)
Denver R (31, 35)
" Buckley T (35)
" Civil Air Patrol (35)
" Combs (35)
" Lowry T (35)
" Ruston (35)
" Sky-Ranch T (35)
" Stapleton (Denver Arpt) T (31, 35)
" Vest Acft (35)
Dove Creek (77)
Dupont, Rutledge (35)
Durango (77)
Eads (31)
Eagle A, R (31)
Englewood (35)
Estes Park (31)
Fairplay, Teter (31)
Flagler (31, 35)
Fort Collins (31)
Fort Morgan, Young (31)
Fountain FM (35)
Franktown FM (35)
Glenwood Spgs (31)
Golden, Creighton (35)
Granby (31)
Grand Junction R (26)
" Walker (26)
Greeley, Crosier (35)
Gunnison
" Meeker Ranch (31)
Henderson FM (35)
Holly, Remer (59)
Holyoke (31)
Hugo (31)
Julesburg (31)
" Doughty's (31)
Kit Carson
" Trading Post (31)
La Junta R (79)
" AAF (79)
" Arlington #4 (31)
" La Junta Bridges (79)
" Las Animas #2 (79)
" Rocky Ford (31)
Lamar (59)
Las Animas (31)
" #2 (58)
Limon
" Stake's Prairie Port (31)
Lindon, Roderick (31)
Longmont (35)
Lowry T (139)
Mancos (77)*
Meeker (31)
Mesita, Costilla Co. (79)
Monte Vista (79)
Montrose (77, 31)
Nucla (77)
Ordway (31)
Peterson T (31, 35)
Pueblo A, R (31)
" Gregg (31)
" Pueblo AAB (31)
Rangely
" Rangely Heights
Rifle (31) (26)
Rocky Ford
" Reynolds (79)
Saguache (31)
Salida (31)
Silver Cliff, Valley (31)
Springfield (59)
Sterling (27)
Trindad A, R (79)
Walden (31)
Walsh, Griffin (59)
Watkins FM (35)
" East Colfax (35)
Westcliffe, Cress (31)
Wray (31)
Yuma (31)

CONNECTICUT

Bethany (51)
Bridgeport R, T (51)
Bristol
" Stephenson (51)
Brookfield (51)
Canaan (51)
Cheshire
" Tier Airstrip (51)
Danbury (51)
East Hartford
" Rentschler T (51)
Essex, Doane (51)
Groton, Trumbull (51)
Hartford R (51)
" Brainard T (51)
Madison
" Hammonasset (51)
Meriden FM, T (51)
Milford (51)
Monroe (51)
Moosup FM (53)
New Haven (51)
Plainfield (53)
Plymouth
" Waterbury (51)
Putnam (53)
Salem (51)
Simsbury (51)
Somers, Kinsley (51)
Stonington, Foster (53)
Southington (51)
Wallingford
" Lufbery (51)
Waterford (51)
Watertown (51)
West Haven (51)
Windham (51)
Windsor Locks
" Bradley T (51)

DELAWARE

Bridgeville (63)
Dover
" Airpark (63)
" AAF (63)
Frankford, Sussex (63)
Georgetown (63)
Harrington (63)
Laurel (63)
" Holly Brook (63)
New Castle, Biggs (63)
" Bellanca (63)
Rehoboth Beach
" Rehoboth Acfters (75)
Seaford, duPont (63)
Wilmington R (63)
" duPont T (63)
" New Castle Co. T (63)

DIST. OF COLUMBIA

Washington R (65)
" Anacostia NAS T (65)
" Bolling T (65)
" National T (65)

[redacted]

Alliance #4 (129)
Altoona (133)
Apalachicola (129)
Apopka, Ryan (133)
Arcadia (133)
" Carlstrom (133)
" Dorr (133)
Avon Park (133)
" AAF (133)
Bagdad (129)
Banana River R (133)
" NAS T (133)
Barberville (131, 133)
Bartow (133)
Bascom (129)
Bayard FM (131)
Belle Glade (135)
Boca Raton T (135)
Bostwick (131)
Bradenton (133)
Branan (131)
Bronson (129)
Brooksville (133)
Bryceville FM (131)
Buckingham (135)
Bunnell (131)
Carrabelle Figt Strip
Cecil T (131) (129)
Cedar Keys (133)
Chipley (129)
Choctaw (129)
Clarcona, Hidden Acres
Clearwater (133) (133)
Clewiston (135)
Cocoa (133)
Conners (133)
Crestview A, R (129)
Cross City A, R (131)
Daytona Beach A, R (131, 133)
" Tomoka (133)
De Funiak Spgs. (129)
De Land (133)
Dunedin, Skyport (133)
Dunnellon (133)
Eglin R, T (129)
Ellenton (133)
Ellyson (129)
Eustis, Waterman (133)
Fernandina (131)
Fleming Island (131)
Forman (135)
Fort George Isl. FM (131)

Note: [illegible] which these facilities are inserted. Refer to last [illegible] pages for [illegible] Stations have been renumbered or relocated. N.B. New facility locations listed below black line.

APRIL 29, 1967

Fort Lauderdale FM (136)
" NAS (136)
" Forman (136)
" West Prospect (136)
Fort Myers R (136)
" Buckingham (136)
" Page (136)
Fort Pierce (com)(131)
" (mun.) (131)
Gainesville
" John R. Alison (131)
" Stengel (131)
Green Cove Springs
" Lee OLF (131)
Haines City (135)
Hawthorne (131)
Helm (129)
Hillsborough (133)
Holley (129)
Hollywood
" MacArthur (136)
" North Perry (135)
Holt FM (127)
Homestead
" So. Dade Co. (136)
" Mun. (136)
Immokalee Arfld (Aux.) (135)
" Ist. (135)
Jacksonville R,T (131)
" NAS R,T (131)
" Brenan (131)
" Cecil T (131)
" Craig (131)
" Flemings Isl. (131)
" Hart (131)
" Herlong (131)
" Whitehouse (131)
" Williams (131)
Jasper (131)
Keystone Heights
" Keystone AAF (131)
Key West R (136)
" NAS T (136)
" Meacham (136)
Kissimmee (135)
Lake Butler (131)
Lake City (131)
" Wilt (131)
Lakeland AAF (129)
" Lakeland Mun. #1 (135)
" Skyland (129)
Lake Wales (135)
Lake Worth (136)
Lantana
" Palm Beach Co. Lee (131) (135)
Leesburg (133)
" Gray's (133)
Live Oak A,FM (129,131)
MacDill T (133)
Malabar (133)
Malone #2 (129)
Marathon (135)
Marianna (129)
" Alliance #4 (129)
" Bascon (129)
" Ellis (129)
" Malone #2 (129)
Master T (135)
Mayport (131)
Melbourne A,R (133)
" Eau Gallie (133)
" Valkaria (133)
Miami R (135)

Miami
" Aviation Center (135)
" Brown (135)
" Chapman (135)
" International T (135)
" Master T (135)
" NAS (Opa Locka)(135)
" OLF (135)
" Sunny South (135)
" Tamiami (135)
Miami Bay Shore FM (135)
Middleburg (131)
Milton (129)
" Whiting NAS (N) T,R (129)
" Whiting NAS (S)(129)
" Santa Rosa (129)
Minneola,Kerlin (133)
Molino FM (127)
Montbrook (131,133)
Monticello (131)
Naples (135)
New Smyrna (133)
North Tampa FM (133)
North Perry (135)
North Pompano (135)
Ocala,Taylor (131,133)
Okeechobee
" Conners (133)
Orange City (133)
Orlando R (133)
" AAB (Arpt) T (133)
" Cannon Mills (133)
" Hoequist (133)
Palatka
" Kay Larkin (131)
" Sawyer (131)
Panama City (129)
" City Arpk (129)
" Skyland (129)
" Tyndall R,T (129)
Pensacola A,R (129)
" Bagdad (129)
" Bronson (129)
" Choctaw (129)
" Ellyson (129)
" Gulf Arpk (129)
" Helm (129)
" Pensacola Arpk(129)
" Pensacola NAS (Chevalier)T(129)
" Corry (E & W Flds) T (129)
" OLF #1 (129)
" OLF #5 (129)
" OLF #6 (129)
" OLF #7 (129)
" OLF #8A (129)
" OLF #9K (129)
" Saufley T,(129)
" Spencer (129)
Perry (131)
Pierson Memorial(131, 133)
Pinecastle (133)
Plant City (133)
" Robinson (133)
Pompano
" North Pompano(135)
Punta Gorda (133)
" Mun. (133)
Quincy (131)
Richmond (135)
St. Augustine (131)
St.Petersb'g,Whitted(133)

St. Petersburg
" Ludwig Sky Harbor (133)
" Pinellas Co. Master T (133)
" Piper-Fuller (133)
Sanford (133)
" Osceola (133)
Sarasota-Bradenton (133)
" Com. (133)
Santa Rosa (129)
Saufley T (129)
Sebastian,Roseland(133)
Sebring (133)
" Hendricks (133)
Spencer (129)
Stock Isl. LFM (135)
Stuart,Witham (133)
Switzerland (131)
Tallahassee R (131)
" Dale Mabry T (131)
" Lake Jackson (131)
Tampa R (133)
" Drew T (133)
" Hillsborough (133)
" MacDill T (133)
" Peter O. Knight(133)
Tennile (131)
Titusville (133)
" Cocoa (133)
Tyndall R,T (129)
Valpariso,Eglin R,T
" Eglin #1 (129) (129)
" Eglin #2 (129)
" Eglin #3 (129)
" Eglin #4 (129)
" Eglin #5 (129)
" Eglin #6 (129)
" Eglin #7 (129)
" Eglin #8 (129)
" Eglin #9 (129)
Venice,mun. (133) (133)
" Fette Aircraft Serv
Vero Beach A,H (133)
Wauchula (133)
West Palm Beach R (135)
" Morrison T (135)
Whiting NAS (N)R,T(129)
" NAS (S) (129)
Whitehouse (131)
Williston
" Montbrook (131)
Wimauma (131)
Winter Haven
" Gilbert (133)
" Orlando Aviation Co. Club (133)
" Showalter Arpk (133)
Zephyrhills (133)

GEORGIA

Adel,Cook Co. (131)
Albany A,R (131)
" Turner (131)
" Turner #1 (131)
Alma A,R (131)
Americus (115)
" Souther (115)
Ashburn (131)
Athens (115)
" Polo Arfld (115)
Atlanta R,T (115)
" NAS (Camp Gordon) (115)

Atlanta,Lakewood(115)
Augusta R (117)
" Bush (117)
" Daniel T (117)
Babcock (131)
Bainbridge (131)
" Commodore Decatur (131)
Baxley,Bouser (131)
Bemiss #3 (131)
Boykin,Babcock (131)
Brunswick A,H (131)
" Glynco (131)
Buford,Allen (91,115)
Butler (115)
Camilla (131)
Camp Stewart (117)
Carrollton,City-Co. (115)
Cartersville,Felton(115)
Cedartown (89) ,115)
Chatham (117)
Cochran (115)
" AAF (115)
" Red Dog (115)
Columbus (115)
" Muscogee Co.(115)
" Lawson T,R (115)
Cordele (115)
Dalton (127)
Darien (131)
Donalsonville (129)
Douglas
" So.George College (131)
Dublin (115)
East Point LFM(130)
Elberton (91,115)
Faceville (131)
Fitzgerald (131)
" Three "B" (131)
Folkston (131)
Gainesville (91,115)
Glenville (117)
Glynco R,T (131)
Griffin (115)
Harris Neck (131)
Hinesville (117)
" Camp Stewart (117)
Homerville Flgt Strip (131)
Jackson (115)
Jasper (89)
Jefferson, Long (91,115)
Jonesboro FM (115)
LaGrange (115)
Lake Park #2 (131)
Lawrenceville,Wages(115)
Lawson R,T (115)
McRae (115)
Macon R (115)
" Cochran (115)
" Herbert Smart (115)
" Ries (115)
Madison (115)
Madras FM (115)
Marietta AAF T (115)
" Clevenger's (89 ,115)
" Cobb (89 ,115)
" Parkaire (89 ,115)
Milledgeville,Kings (115)
Millen,Birdsville (117)
Montezuma (115)
Moody (131)
Moultrie (131)
" Northside (131)

Moultrie,Spence(131)
Nashville (131)
Newnan Arpk (115)
Palmetto,Morton(126)
Reynoldsville (129)
Richmond Hill FM(117)
Rockmart (89 ,115)
Rocky Ford #1 (131)
Rome (89 ,115)
" Russell (89 ,115)
Rossville (89)
Russell (89)
St. Marys A,FM (117, 131)
St.Simons Isl.T (131)
Savannah R (117)
" Chatham AAF (117)
" Hunter T (117)
" Savannah-Wilmington Island (117)
" West Savannah(115)
Siloam (115)

Smyrna FM (115)
Statesboro (117)
Stone Mountain FM(115)
Swainsboro
" Lindsey (117)
Sylvania (117)
Tallapoosa (115)
Thomaston
" Reginald Grant Memorial (115)
Thomasville AAF (131)
" Com. (131)
Tifton (131)
Toccoa
" Le Tourneau (91)
Trion
" LaFayette-Trion
Turner A,FM(131) (127)

Vada (131)
Valdosta (131)
" Bemiss #3 (131)
" Lake Park #2 (131)
" Moody (131)
" Rocky Ford #1 (131)
Vidalia
" Vidalia Lyons (115)
Warm Springs
" Roosevelt (126)
Warner-Robins
" Robins T (115)
Washington (115)
Waycross AAF (131)
" Civil Air Patrol(131)
Winder (91,115)
Woodbury (126)

IDAHO

Aberdeen (23)
American Falls (23)
Anderson Dam
" Bennett Flgt Strip (22)
Arco (23)*
Big Springs (6)*
Boise
" Air Terminal (22)
" Bradley (22)
" Gowen T (22)
Buhl (23)*
Burley A,R (23)
Caldwell (22)

Cascade (3)
Cayuse Creek (3)
Challis (6)
Coeur d'Alene R (3)
" Air Terminal (3)
" Weeks (3)
Dixie (3)*
" Chamberlain (3)*
Dubois A,R (6)
Eagle FM (22)
" Floating Feather(22)
Emmett (22)
Fairfield,Camas Co.(23)
Glenns Ferry (22)
Gooding H (23)
" (new) (23)
" (old) (23)
Grangeville
" Idaho Co. (3)
Hagerman
" Thousand Springs (23)*
Hailey,Friedman(23)
Hayfield,Tyhee (23)
Idaho Falls A,R (23)
Idahome (23)
Jerome (23)
Kamiah (3)
Kellogg (3)
Knox,Landmark (3)*
Lake,Flying R (6)
Lewiston (3)
McCall (3)
Mackay (23)*
Malad City R A (23)
Montpelier (23)
Mountain Home FM(22)
" AAF (22)
" Site 25,SL-PO (22)
Nampa,Ritchey (22)
Orofino (3)
Paris
" Bear Lake Co. (23)
Parma (22)
" Nyssa (22)
Payette A,FM (3)
Pocatello A,R (23)
" AAF (23)
" University (Ham's) (23)
Preston (23)
Priest River (3)*
Red River Hot Springs
Moose Creek (6)
Rexburg (23)
Richfield,Albert (23)
St. Anthony (23)
St. Maries (3)
Salmon (6)
Sandpoint (3)
Shoshone Fly.Bar "S" (23)
Strevell H,A (23)
Tensed
" Tekoa Fly.Club (3)
Twin Falls (23)
Victor (Bennett Fld) (23)*
Weiser (3)

ILLINOIS

Alexander,Negus (35)
Alton,Wadlow (35)
Arcola,Allen (55) (37)
Armington,Medbury (55)

Ashburn LFM (41)
Aurora (139)
Beardstown (35)
Belleville
" Gundlach (35)
" Scott T,R(35,37)
Bensenville
" Sky Haven (139)
Bloomington (55)
Blue Island,Howell(139)
Blue Mound
" McCoy (55,37)
Bradford H,A (41,37)
Cairo,No.Cairo (87,85)
Carbondale (55,85)
Carmi,White Co.(55)
Carthage (37)
Casey (55)
Champaign (55)
" Univ.of Ill. (55)
Chanute R,T (55)
Charleston (55)
Chesterfield (35)
Chicago R,T (139)
" Ashburn (139)
" Chicago-Orchard Place (139)
Chicago Heights
" Ashland Ave. (139)
Clinton Fly.Club (55)
Dalton City,Moody(55)
Danville (55)
" Vermilion (55)
Decatur (55,37)
" Park District (55)
De Kalb
" Interstate (41)
Des Plaines
" Ravenswood (139)
Dixon (41,37)
East St. Louis
" Parks Metropolitan (35)
" Lakeside (35)
" Parks (35)
Edwardsville (35)
Effingham R,A (55)
" Co. Memorial (55)
Elgin (41)
" Kane County (41)
Elmhurst
" Chicago-Elmhurst (139)
Earlville,Clearview(41)
Fairfield
" B & K Fly.Svc. (55)
Fiatt,Hi-Way (37)
Flora (55)
Franklin Park FMH, FM(41)
Freeport,Albertus(41)
Galesburg (37)
George (55)
Gillespie,H & S (35)
Glenview NAS T,R (41)
" Pal-Waukee (41)
Grayslake (41)
Harvey R (139)
" Rubinkam (139)
Havana,Matansas (37)
Highland-Winet (55,35)
Hillsboro (55,37)
Hinsdale (139)
Homewood
" Washington Park (139)
Hoopeston,Russell's(55)

Horace
" Midway Aviation(55)
Jacksonville (35)
Jerseyville FM (35,37)
Johnsburg Arpk. (41)
Joliet R,A (139)
Kankakee (41)
La Grange,Stinson(139)
Lansing
" Chicago-Hammond (139)
La Salle,Vogel (41,37)
Lawrenceville
" George (55)
Lebanon,Cyril Lebert (55,35)
Lockport
" Lewis-Lockport (39)
Lombard
" York Township (139)
Macomb (37)
Marion (55,85)
" Macarin (55)
Mattoon (55)
Mendota
" Fitzgerald (41,37)
Moline R, (37)
Momence (41)
Monmouth (37)
Morris (41)
Morton (55,37)
Mt. Carmel
" Beckerman (55)
Mt. Vernon (55)
Murphysboro (55,85)
Muddy,Denis (55)
Nashville (55,37)
Newark FM (41)
Northbrook
" Sky Harbor (41)
Oaklawn,Harlem (139)
Olney,Schilt (55)
Ottawa (41)
Paris (55)
Pecatonica (41)
Pekin (55,37)
Peoria A,R (41,55,37)
" Mt. Hawley (41,37)
Polo-Hamilton (41)
Prairie du Rocher(85)
Presbyterian
" Church #3 (55)
Princeton (41,37)
Quincy (37)
" (new) (37)
Rantoul,Chanute R,T(55)
Roanoke
" Phil-Larry (41,37)
Rochester (35)
" Fleck's Lakeview(55)
Rockford R (41)
" Machesney (41)
St. Charles (139)
St. David (37)
St. Elmo
" Smith Aviation (55)
St.Francisville
" Presbyterian Church #3 (55)
Salem,Leckrone(55)
Sandwich (41)
Scott T,R (35,37)
Shelbyville
" Shelby Co.(55)
Sheldon
" Disosway (41)

Sheldon
" Powell Bros. (41)
South Beloit
" Beloit-So.Beloit(41)
Springfield A,R (55,35,37)
Steger,Will Co. (41)
Sterling (41,37)
Stockton (41)
Streator Air Svc.(41)
Sycamore
" Kishwaukee (41)
Taylorville (55,37)
Tinley Park
" Prosperi (139)
Tuscola,Cooper (55)
Urbana,Illini (55)
Vandalia Mun. (55,37)
Van Orin (41,37)
Warren,Evergreen(41)
Waukegon (41)
" Lake Co. (41)
Woodside (139)

[redacted]

Advance FM (57)
Anderson (57)
" Ace (57)
" G & C (57)
Angola,Tri-State (43)
Atterbury AAF (57)
Attica (67)
Auburn (43)
Baer (43)
Bargersville (57)
Bedford (57)
" Sky Haven (57)
Bloomingdale
" Port O' the Woods Arpk. (57)
Bloomington (57)
" Campus (57)
" Veterans (57)
Bluffton (43)
Brownsburg (57)
Bunker Hill (57)
Cedar Grove FM (57)
Cedar Lake (41)
Chalmers
" Monticello (43)
Charlestown (57)
Clayton FM (57)
Columbus (57)
" Atterbury AAF (57)
Connersville
" Mettel (57)
Crawfordsville (57)
Crown Point (41)
Culver (43)
Cynthiana
" Straub (55)
Danville,Mecco (57)

Demotte,Cheever (41)
Dyer,Triangle (139)
Elkhart (43)
Elwood (57)
Emison (55)
Evansville R,T (55)
Fort Wayne R (43)
" Baer T (43)
" Myers (43)
" Smith (43)
Frankfort,Lockwood(57)
Franklin Fly.Fld (57)
Freeman (57)

French Lick Springs (57)
Gary (139)
" Lakeside (139)
Goshen A,R (43)
" Midway (43)
Greencastle A,FM(57)
Greenfield FM,A (57)
" Farmers (57)
Greensburg
" Templeton (57)
Greenwood
" White Cloud (57)
Hebart,Gamble (139)
Huntingburg (57)
Huntington (43)
" Wake Field (43)
Indianapolis R,T (57)
" Brightwood (57)
" Hoosier-Park (57)
" Hunt's (57)
" Sky Harbor (57)
" Stout T (57)
Jeffersonville,Bush(57)
Kentland (41)
Kingman
" Kingman Fly.Svc.(55)
Knox,Starke Co. (41)
Kokomo,Ruzicka (57)
" Mun. (57)
Lafayette R (57)
" Aretz (57)
" Halsmer (57)
" Purdue Univ. (57)
" Reimer (57)
La Fontaine
" Shaffer's (43)
Lagoda,Himes (57)
Lake Village (41)
Lapel (57)
La Porte (43)
Lawrenceburg (57)
Lebanon (57)
Linton (55)
Lizton (57)
Logansport (43)
" Logan (43)
Lowell FM (41)
Madison
" AAF (Jefferson Proving Gds.)(57)
Marion (57)
" West Side (57)
Martinsville (57)
McCool H,FM,A (139)
Medaryville (43)
Michigan City (43,41)
Milroy (57)
Mishawaka
" Sportsman (43)
Monticello (43)
Mooresville,Owen (57)
Morgantown FM (57)
Mount Vernon (55)
Mulberry,Stair (57)
Muncie (57)
" Delaware (57)
" Reese (57)
New Carlisle,Gordon(43)
New Castle (57)
" Western (57)
Noblesville (57)
North Manchester
" Manchester (43)
North Vernon
" St. Anne #2 (57)

(85)-Page number of chart on which these facilities are inscribed.*-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Markle,Ind FM(43) Kendallville, Ind (35) Jeffersonville, Ind, Jeffersonville-New Albany (69) Madison, Ind, Myers (70).

Notre Dame FM (43)
Oaktown,Emison (67)
Ockley (57)
Orleans
" Silent Brook (57)
Perrysville
" Sportsman (67)
Peru (43)
Plainfield, Loy (57)
Plymouth (43)
Portland,Bringham(57)
" Steed (57)
Ramsey, Bush (57)
Rensselaer (41)
" Jasper Co. (41)
Richland
" **Ferguson (67)**
Richmond, Com. (57)
" Mun. (57)
" East Richmond (57)
Rochester (43)
Rushville
" Howell Bros. (57)
Salem
" Boss -Denies (57)
Scottsburg (57)
Selma
" Huffman Air Svc.(57)
Seymour,Freeman(57)
." Mapleton (57)
Sheridan
" Black Hawk (57)
Shoals,Stiles (57)
South Bend R (43)
" Bendix T (43)
" Cadet (43)
" Chain Lakes (43)
Stout T (57)
Terre Haute R (67)
" Hulman (67)
" Paul S. Cox (67)
Valparaiso
" Urschell (139)
Vevay (57)
Vincennes,O'Neal (67)
Wabash
" Whittenberger (43)
Warsaw, Smith (43)
Washington (67)
" Mun. (67)
Wellsboro
" Triangle Air Svc.(43)
West Lebanon,Cork(67)
Winchester,Coxey's(57)

Yorktown (57)
Zionsville (57)
" Beck (57)
" Moore (57)

IOWA

Adair (37)
Algona,Squeese (29)
Anita,Dressler (57)
Ames (29)
Armstrong (29)
Atlantic (37)
" (Mun.) (37)
Audubon Arwys (37)
Bellevue (29)
Burlington A,R (37)
California FM (35) (33)
Carroll (29)
Cedar Rapids (37)
" Hunter (37)
Cedar Rapids,Saxon
Centerville (37) (29)
Chariton (37)
Cherokee (28)
Clarinda (37)
Clarion (29)
Clermont (29)
Clinton (31)
Columbus Jct. (37)

Council Bluffs (35)
Creston Arwys (37)
Davenport,Cram (37)
Decorah
" Tatro Flying Svc.
Denison (28) (29)
Des Moines R,T (37)
" Beaver (37)
Dows (29)
Dubuque (29)
Dunlap (35)
Dyersville Arwys (29)
Earlham FM (37)
Eldora,Emmerts(29)
Elkader Arpk (29)
Emmetsburg,Ryan(29)
Estherville (29)
Fiscus, Briggs (37)
Floyd,Henry's (29)
Fort Dodge, Eno (29)
Fort Madison (37)
Garner, Wicks Fld (29)
Glenwood FM (35,33)
Grimes, Dodge (37)
Grinnell, Niederhauser
Airways (37)
Grand Mound,Grand(37)
Grundy Center (29)
Guthrie Center (37)
Hancock FM (35,33)
Harlan (35)
Ida Grove,
" Nicholson (28)
Independence (29)
Iowa City A, H (37)
Iowa Falls (29)
Jefferson (29)
Keokuk (37)
Lake City (29)
Lamoni (37)
Le Mars, Western
Union College (28)
Leon (37)
Lone Tree, Weise
Flying Service (37)

Manning (37)
Marshalltown,
" Niederhauser (29)
Mason City A, H (29)
Mechanicsville,
" McVille (37)
Melbourne (37)
" Commercial (37)
Milford, Fuller (28)
Missouri Valley (35)
Moneta, Thorne (28)
Monroe FM (37)
Montezuma (37)
Mt. Ayr, Mt. Ayrport(37)
Mt. Pleasant (37)
Muscatine (37)
Newton (37)
Ocheyedan, John E
Peters (28)
Onawa,
" Oliver Ranch (35)
Oskaloosa, Roth Fld(37)
Ottumwa (37)
" NAS T (37)
" Venture (37)
Pella (37)

Pocahontas (29)
Randolph (35)
Red Oak (37)
Riceville, Mosher (29)
Rock Rapids,
" McKisick (28)
Sac City (29)
Seymour (37)
Sheldon (28)
Shenandoah (35)
Sioux City R, T (28)
Sloane FM (37)
Spencer (28)
" Hart (28)
Spirit Lake
" Okoboji Airways(28)
Storm Lake (28)
Strawberry Pt.,Good-
rich & Gross (29)
Stuart (37)
Sutherland,Liberty (28)
Traer (29)
Washington (37)
Waterloo (29)
" Canfield (29)
" Chapman (29)
Webster City (29)
Wesley (29)
Winterset (37)

KANSAS

Abilene (33)
" Wright Arpk. (33)
Anthony A, H (81)
Arkansas City (83)
" Baird (83)
Ashland (81)
Atchinson, Hawk's (39)
Atwood (33)
Augusta, Hilltop (83)
Belleville (33)
Beloit, Moritz (33)
Bern (33)
Brewster,
" Eddie Hutton (33)
Caldwell (83)
Cassoday (81)
Cedar Pt., Clothier(33)
Chanute A, R (81)
Clay Center (33)
" Wood Airpark (33)
Coffeyville
" Mun. # 1 (81)
" Mun. # 2 (81)
" Edgewood (81)
" Ferguson Fly.Fld(81)
Colby (33)
Coldwater, Stark (81)
Concordia, Blosser (33)
Derby (83)
Desota FM (39)
Dodge City A, H (81)
" AAF (81)
" Dodge City # 4 (81)
Downs (33)
Edwardsville,Fisher(39)
El Dorado (83)
" Frasier (83)
Ellinwood (33)
Emporia (33)
Eureka (81)
Fairfax T (39)
Ft Leavenworth,
" Sherman T (39)
Ft. Riley,
" Marshall R. T (33)
Fort Scott (85)
Fredonia (81)
Garden City A, R (81)
" AAF (81)
" # 1 (81)
" # 2 (81)
" # 3 (81)
Gardner (39)
Garnett, Mader (37)
Girard (85)
Goodland A, H, (33)
Great Bend AAF (33)
" Airpark (33)
Greensburg (81)
Hays (33)
" Walker (33)
Hazelton,Strickland(81)
Herington (33)
" AAF (33)
Hiawatha, (33)
Hoisington,
" Giffin-Orton (33)
Holyrood (33)
Hutchinson A, R (81)
" Commercial (81)
" NAS (81)
Independence (81)
" AAF T (81)
" # 3 (81)
" # 9 (81)
Iola (81)
Johnson (79)
Kansas City,
" Fairfax T (39)
Kechi FM (83)
Kingman (81)

Kiowa Fly. Service (81)
Lakin, Puckett's (79)
Larkinburg (33)
Larned (33)
Lawrence (39)
Leavenworth
" LeCompton (39)
Lebo A, R (33)
Lenexa, Allman (39)
Lenora (33)
Liberal (81)
" Glenn Martin (81)
Lyons (33)
McPherson (33)
" Janssen Skytell (33)
Manhattan (33)
" Mankan (33)
" Pottawatomie (33)
Mankato (33)
Marion (33)
Marshall R, T (33)
Meade (81)
Medicine Lodge (81)

Moundridge (33)
Newton (83)
Norton (33)
Oberlin (33)
Olathe, Hall's (39,37)
" NAS R, T (39,37)
" OLF # 2 (39, 37)
" OLF # 4 (39,37)
" OLF # 7 (39,37)
" OLF # 9 (39,37)
Ottawa (39)
" Conard (39)
Oxford FM (62)
Paola FM (39,37)
Parsons (81)
Phillipsburg (33)
Pittsburg
" Atkinson (85)
Plains (81)
Pratt (81)
" AAF (81)
Russell (33)
St. Francis (33)
Salina A, (33)
" Sky Village (33)
" Smoky Hill R, T
Satanta (81) (33)
Scott City (33)
Sedan, Walters (81)
Seneca (33)
Sharon Springs (33)
Sherman T (39)
Smith Center (33)
Smoky Hill T (33)
South (81)
Stafford (81)
Stanley, State Line
Arpk. (39)
Summerfield (33)
Syracuse (79)
" Int. (79)
Topeka R, T (33)
" Huntoon (33)
" Phillip Billard T(33)
Towanda FM (83)
Viola FM (83)
Wakefield, Elkins (33)

Walker (33)
Wellington (83)
Wellsville, Gault (39)
Wichita R, T (81,83)
" Arther Airfield (83)
" Beech (83)
" Cannon Ball (83)
" Cessna Aircraft (83)
" Culver (83)
" Ken-Mar Arpk (83)
" Rawdon (83)
" Riverside (83)
" University (83)
" Wilson (83)
Winfield (83)
" South (83)
" Strother (83)

KENTUCKY

Ashland (59)
Bowling Green A, R.
Campbell (87)
Covington, Greater
Cincinnati T (57)
Danville, Goodall (57)
Eastwood FM (57)
Fort Knox,
" Godman R, T (57)
Frankfort,
" Silver Lake (57)
Glendale (57)
Godman R, T (57)
Greenville
" Western Ky. (87)
Henderson Arpk. (55)
Hopkinsville
" Campbell AAF (87)

" Garnett (87)
Lebanon (57)
Lexington R (57)
" Blue Grass (57)
" Cool Meadow (57)
London
" Jody (91)
Louisville R (57)
" Bowman T (57)
" Riverside (57)
" Standiford (57)
Madisonville (55)
Mayfield
" Graves Co. (87)
Maysville (59)
Middlesboro (91)
Monticello
" Rice (89)
Owensboro (55)
Paducah
" McCracken Co. (87)
" Howell (87)
Paris (57)
Russell
" Abken(59)
Shelbyville
" Shelby (57)
Shepherdsville FM (57)
Somerset (89)
Sturgis (55)
Sulphur FM (57)
Union FM (57)
Warsaw (57)

LOUISIANA

Alexandria A, R (125)
" Esler (121,127)
" McArthur (125)
Arcadia (111)
Barataria FM (127)
Bastrop (111)
" Northeast Aviation
Service (99)
Baton Rouge R (127)
" East Baton Rouge
Parish (127)
" Harding (127)
" Pike Burden Arpk.
(127)
Bogalusa (127)
Camp Polk
" N Camp Polk (125)
" S Camp Polk (125)
Covington (127)
" K-P (127)
Crowley
" LeGros Memr'l(125)
Delhi Flying Service
(111)
De Quincy (125)
De Ridder (125)
Dixie FM (99)
Donaldsonville (127)
Esler (121)
Eunice (125)
Ferriday (111,127)
Gilbert
" Gardner (111)
Grand Isle (127)
Hammond (127)
Hodge (111)
Houma (127)
Jennings (125)
Lafayette A,H (127)
" Girard (127)
Lake Charles A,R(125)
" AAF (125)
" N Lake Charles(125)
LaPlace FM (127)
Leesville Landing
Strip (125)
Madisonville FM (127)
Mansfield
" De Soto Parish (111)
Many
" Hart (111)
Minden (111)
Moisant Intern'l T (127)
Monroe A,R (111)
" Selman (111)
Natchitoches (111)
Newellton (111)
" Burnside & McDonald
New Iberia
" Iberia Parish (127)
" Texaco (127) (127)
New Orleans FM, R,T
" Alvin Callender (127)
" Chapman (127)
" NAS (127)
" Menefee (127)
" Moisant Inter'l T (127)
New Roads
" False River (127)
North Camp Polk (125)
Oakdale (125)
Opelousas (127)
Patterson
" Harry P Williams
Memorial (127)
Pollock (125)
Ruston (111)
St. Joseph
" Castle (111)
Shreveport R,T (111)
" Barksdale R,T (111)

" Lucien (111)
" Arpk. (99)
South Camp Polk (119)
Tallulah (111)
Winnfield
" David G Joyce (111)
Winnsboro (111)

MAINE

Andover (18)*
Auburn
" Greenlaw (18)
" Lewiston-Auburn (18)
Augusta A,R (18)
Bangor R (18)
" Dow T (18)
Bar Harbor (18)
Belfast (18)
Bethel (18)
Biddeford (53)
Bowdoinham
" Merrymeeting (53)
Brewer
" Doanes (18)
Brunswick
" Douglas (53)
Brunswick
" NAS (53)
" Riverside (53)
Caribou (18)
Deblois Flight Strip (18)
Dexter (18)
Dow T (18)
East Corinth FM (18)
Eastport (18)
Farmington (18)
Freeport
" Stover (53)
Fryeburg Arpk. (18)
Greenville (18)
Houlton A,R(18)
Kennebunk (53)
La Grange
" Bishop Fld. (18)
Lewiston
" Guertin (18)
Limestone FM (18)
Madison
" Weston (18)*
Millinocket A,R (18)
Minot
" Maheux (18)
Newport (18)
Norridgewock (18)
Norway (18)
Old Town (18)
Phillips
" Raymond's (18)
Pittsfield (18)
Pittston (18)
Portland A,R (53)
Presque Isle R,T (18)
Princeton (18)
Rangeley (18)
Rockland (18)
Sanford (53)
Scarboro (53)
Skowhegan
" Tomlinson (18)
South Portland
" Port of Maine (53)
Turner
" Rollins (18)
Waterville (18)
West Buxton
" Hilltip (53)
Winterport
" Roy L. Fernald (18)

MARYLAND

Aberdeen (63)
" Phillips T (63)
Andrews R,T(65)
Annapolis T (63)
" Lee Annapolis (63)
Baltimore R,T (63)
" Martin T (63)
" Pimlico (63)
" Rutherford (63)
Beltsville FM ,A (65)
Berwyn
" Capital (65)
Brandywine
" Curtis (65)
Camp Springs T (65)
" Andrews R (65)
Churchville
" Aldino (63)
Clinton
" Hyde (65)
College Park (65)
Croom
" Columbia Air Center
(65)
Cumberland (61)
" Mexico Farms (61)
Doncaster FM (63)
Easton
" Webb (63)
Edgewood Arsenal (63)
Fort Meade (65)
Frederick
" Stevens (63)
" Frederick City (63)
Glenburnie
" Whipp (63)
Greenbelt
" Schrom (65)
Hagerstown (63)
Hyattsville
" Queens Chapel (65)
Meekins Neck FM(63)
Ocean City
" Hickman (63)
Patuxent River R,T(63)
Phillips T (63)
Piney Point (63)
Pomonkey
" Maryland (65)
Priest Point
" Webster T (63)
Riverdale
" Erco (65)
Rock Hall
" Faybrook (63)
Rockville
" Congressional (65)
Salisbury (63)
" Delmarvia (63)
Shady Side (63)
Taneytown (63)
Webster T (63)
Westminister, CAP (63)
Worton
" Andelot.(63)
" Kent (63)

MASSACHUSETTS

Adams (51)
Agawam Land & Sea-
plane Base (51)
" Bowles (51)
Auburn (53)
Ayer (53)
Bedford H,T (53)
Beverly (53)
Billerica
" Shawsheen Pines(53)
Boston R (53)
" Logan T (53)
Brant Rock FM (53)
Brockton (53)
Brookfield (51)
Canton
" Boston-Metro (53)
Chatham (53)
Chicopee Falls
" Westover R,T (51)
Clinton, Bolton (53)
Dedham FM (53)
Dracut,Richardson(53)
East Brookfield (51)
Easton FM (53)
Edgartown (53)
Essex,North Shore(53)
Everett FM (53)
Falmouth, Otis (53)
Fitchburg (53)
Franklin FM (53)
Gardner (51)
Great Barrington (51)
Groton (53)
Haverhill (53)
Hyannis (53)
Lawrence (53)
Leicester (53)
Mansfield (53)
" Clifford Sherman
Memorial (53)
Marlboro (53)
Mendon (53)
Montague
" Turners Falls **(51)**
Myricks (53)
Nantucket Isl. **(53)**
New Bedford **(53)**
Newburyport
" Plum Island **(53)**
Norfolk
" Franklin-Norfolk(53)
North **Adams**
" Stevens **(51)**
Northampton
" LaFleur (51)
" **Pilgrim** (51)
North Attleboro
" **Wilkins Fly.Fld(53)**
North **Brookfield**
" **Hiller (51)**
North **Grafton**
" Grafton **(53)**
Norwood **(53)**
Oak **Bluffs (53)**
Orange **(51)**

Otis (53)
Palmer
" Metropolitan (51)
Peabody FM (53)
Pittsfield (51)
Plymouth (53)
" OLF (53)
Revere (53)
Seekonk
" Providence (53)
South Boston LFM **(53)**
Southbridge (51)
South Easton,Ames(53)
South Weymouth T (53)
Spencer (53)
Springfield (51)
Squantum R,T (53)
Taunton,King (53)
Vineyard Haven
" Martha's Vineyard
(53)
Wareham,Co.Club(53)*
West Barnstable
" Cape Cod (53)
Westboro (53)
Westfield R (51)
" Barnes (51)
Westover R,T (51)
West Springfield (51)
Williamstown
" Fair View Farm **(51)**
Worcester (53)

MICHIGAN

Adrian,Adrain City **(43)**
Allegan (43)

Benton,Me, Fernald's (18). Barre Plains, Mass, Hiller (43). Syracuse, Ind. Spink-Wawasee (35).

XI

APRIL 29, 1947

Alma (43)
Alpena (15)
" Scheidler (15)
Ann Arbor (45)
" Washtenaw (45)
Armada,Center (45)
Atlanta (15)
AuGres (15)*
Baldwin (15)*
Bangor FM (43)
Battle Creek R (43)
" Kellogg (43)
Bay City
" Clements(45)
Belding Flyers (43)
Bellaire (15)*
Benton Harbor
" Twin City-Rose (43)
Big Beaver (45)

Big Rapids
" Mecosta Co. (43)
Birmingham,Berz (45)
Blaney,Blaney Park(15)
Breedsville (43)
Cadillac H,A (15)
Calumet
" Houghton Co. (15)
Caro (45)
Centerville
" St. Joseph Co. (43)
Charlevoix (15)
Charlotte,Beach (43)
Clare,Doherty (15)*
Clio, West's (45)
Coldwater,Legg (43)
Croswell
" Croswell City (45)
Crystall Falls
" Dr.A.L.Haight (15)
Davison,Seely's (45)
Detroit FMH (45)
" Burns (45)
" Detroit City T (45)
" Ford (45)
" NAS (45)
" Nat'l Fly.Svc. (45)
" Thomas B.Jay (45)
Douglas
" Saugatuck-Douglas (43)

Dowagiac
" Cass Co.Mem'l.(43)
East Jordan (15)*
Eaton Rapids,Miller (43)
Elsie (43)
Escanaba (15)
Farmington
" Krist-Port (45)
Flat Rock,Nasbar (45)
Flint H (45)
" Bishop T (45)
Flushing,Dalton (38)
Fostoria,Forrest (38)
Frankfort (15)
Fraser,McKinley (38)
Galesburg
" Avia,Co.Club (43)
Gaylord,Sky Harbor(15)
" Otsego Co. (15)
Gladwin A,H (15)
Grand Ledge
" Abrams (43)
Grand Rapids R (43)
" Kent Co. (43)

Grayling (15)
" Masons (15)
Greenville
" Montcalm Co. (43)
Harbor Beach
" Poschke's Harbor Beach (15)*
Harrison (15)*
Hartford
" Leach Aero Svc. (43)
Hastings (43)
Hillman (15)
Hillsdale (43)
Holland
" Park Township (43)
Houghton
" Isle Royale Sands (15)
Houghton Heights
" Houghton Lake (15)
Howell (38)
Indian River
" Calvin Campbell (43)
Ionia (15)*
Iron Mountain,Ford(15)
Ironwood,Gogebic (14)
Ishpeming-Dexter(15)*
Ithaca,Johnsons (43)
Jackson H (43)
" Reynolds (43)
Kalamazoo
" Austin Lake (43)
" Lindbergh (43)
Kalkaska (15)*
Kinross (15)
Lakeview (43)
Lansing R (43)
" Capital City (43)
Lapeer (38)
Lawton,Marks (43)
Loretto
" Norway Twnship
Ludington (15)*
" Mason County (15)
Mackinaw City (15)*
Manistee-Blacker (15)
Manistique
" School-Craft Co.
" Steuben (15)* (15)*
Marenisco (15)*
Marquette Co. (15)
Marshall,Brooks (43)
Mason, Hewett (43)
Menominee Co. (15)
Midland,Barstow (43)
Milan (38)
Mio (15)*
Mt. Clemens
" Selfridge (38) R,T
Mt. Pleasant (43)
Munising,Alger Co.(15)*
Muskegon R (43)
" Muskegon Co. (43)
" Northside (43)
Newaygo (43)
Newberry,Luce Co.
Newport (38) (15)*
" Monroe (38)
Niles (43)
Norway,Northland (15)
Onaway (15)*
Oscoda (15)
Owosso
" Shiawassee Co. (43)
Pellston H (15)
" Emmet Co. (15)
Petoskey,Harb.Spgs(15)*

Plymouth
" Mettetal (38)
" Triangle (38)
Pontiac, Allen's (38)
" Pontiac (38)
Port Huron,Baker's(38)
" St. Clair Co.(38)
Prudenville
" Roscommon Co.(15)*
Raco (15)
Rexton,D.A.R. (15)*
Rogers City
" Presque Isle Co. (15)
Romulus R (45)
" AAF (45)
Roscommon (15)*
Roseville (38)
Rothbury,Oceana (43)
Saginaw A,H (38)
" Barry (43)
" Skyhaven (38)
" Tri City (43)
Saline FM (38)
St. Helen (15)
St.Ignace
" Mackinac Co. (15)
St. James
" Beaver Island (15)*
Saulte Ste.Marie A,R(15)
Selfridge R,T (38)
Sidnaw,Prickett (15)*
South Branch
" Timbers Sky Camp (15)
South Haven,City (43)
Sparta (43)
Sturgis,Kirsch (43)
Tecumseh (38)
Three Rivers
" Dr.Haines Fly.Fld(43)
Traverse City A,R (15)
Utica,Wings (45)
Warren (45)
Watersmeet (15)*
Wayne
" Hartsell Air Term.(45)
" Stinson (45)
West Branch
" La Porte (15)
White Cloud (43)
Wildwood
" Pet-O-Se-Ga (15)
Wixom FM (45)
Wyandotte,Hance (45)
Ypsilanti H (45)
" Gridley (45)
" McEnnan (45)
" Willow Run T (45)

MINNESOTA

Aitkin, Wyman (14)
Albert Lea (29)
Alexandria A,R (11)
Amboy (29)
Anoka Fly.Svc. (14)
Appleton (11)
Austin, Decker (29)
Barnesville FM (11)
Baudette (14)
Bemidji (14)
Benson (11)
Blue Earth (29)
Brainerd (14)
Camp Ripley (14)
Cokato,Anderson (14)

Coleraine (14)
Crookston (11)
Detroit Lakes (11)
Dodge Center
" Pleasant Corners(14)
Duluth R (14)
" Williamson-Johnson (14)
Ely (14)
Fairmont (29)
Faribault (14)
Fergus Falls (11)
Fleming (14)
Frontenac
" Lake City (14)
Graceville (11)
Grand Rapids (14)
" Otis Lodge (14)
Hamel FM (14)
Hastings FM (14)
Hector (14)
Hibbing (14)
Jordan FM (14)
Kenyon (14)
Le Sueur (14)
Little Falls
" Camp Ripley (14)
Littlefork (14)
Litchfield (14)
Luverne
" McDowell Sky Ranch (28)
Madison (11)
Mankato (14)
Marshall (11)
Mayer
" Sells Flying Fld.(14)*
Minneapolis R (14)
" Cedar (14)
" Flying Cloud (14)
" Victory (14)
" Wold Chamberlain T (14)
Montevideo (11)
Monticello (14)
Morris (11)
New Brighton
" Univ. of Minn. (14)
Nisswa
" Heywood Gull Lake (14)
New Ulm (14)
Ortonville (11)
Ossco Landing Fld.(14)
Owatonna (14)
Park Rapids (11)
Pipestone (28)
Princeton (14)
Redwood Falls (11)
Robbinsdale (14)
Rochester R,T (29)
St. Cloud
" Whitney Mem'l. (14)
St. Paul (14)
St. Peter (14)
Sherburn (29)
So. St. Paul
" Fleming (14)
Stanton,Carleton(14)
Taylor Falls (14)
Thief River Falls (11)
Tofte,Gervais (14)
Triumph,Tri-Mont (29)
Virginia (14)
Wadena (11)
Waseca (14)
Westbrook (11)

White Bear Lake
" Northport (14)
Willmar R,A (11)
Winona (14)
Worthington (29)

MISSISSIPPI

Aberdeen,Stinson(113)
Batesville (85,113)
Biloxi,Keesler R,T (127)
Brookhaven,Ulmer (111)
Canton, Lee (113)
Clarksdale (85)
" Fletcher (85)
Cleveland (111)
Columbus (113)
" Masonic (113)
Corinth (87)
Ellisville (127)*
Eupora (113)
Flora FM (113)
" Childress (111)
Florence FM (121,113)
Forest (113)
Glen Allan,Skinner(111)
Greenville, Mun. (111)
" Cypress (111)
" Dixie Dusting Co(111)
" Greenville AAF(111)
Greenwood R (102,113)
" Mun. (102,113)
" AAF (102,113)
Grenada (113)
Gulfport AAF (127
" Mun. (127)
Hattiesburg
" Glendale (127)
" Hattiesburg AAF(127)
Heads, Cole (111)
Houston (113)
Jackson R,T (121,113)
" Augustine(102)*(113)
" East Jackson(121,113)
" Hinds Co. (111)
" North Jackson (102) (113)
Laurel (127)
Leland (111)
" Lakeview (111)
Louisville Air Svc.(113)
McComb (121,127)
McLaurin (127)
Marks (85)
Meridian R (113)
" Bonita (113)
" Key (113)
" Lauderdale Civil (113)
Moorhead,Everett(111)
Natchez (111)
" Sharpe (111)
Nesbitt FM (85)
Newton,O'Keefe (113)
Oxford (85,113)
Pascagoula
" Jackson Co. (127)
Pelatchee FM (113)
Picayune (127)
Rockport (121,113)
Starkville (113)
" Oktibbeha (113)
Stinson (113)
Tupelo
" Carrol Cone(102,113)

Tylertown (121,127)
Vicksburg A,H (111)
Walls,Sanders (85)
Winona (113)
Yazoo City,County (111)
Yokena
" LeTourneau (111)
Zeiglerville (102,113)

[illegible]

Advance A,R (87,85)
Bethany,Fordyce (37)
Bolivar (85)
Boonville (37)
Bowling Green (37)
Branson (85)
Butler (37)
Cabool (85)
Cameron (37)
Campbell,Ramsey (85)
Cape Girardeau
" Cape Commercial (87,85)
" Harris (87,85)
Carthage (85)
Cassville (85)
Charleston (87,85)
Chillicothe H A (37)
" Bailey's (37)
Clinton (37)
Columbia R,A (37)
Craig (35)
Diamond (85)
Ellisville (35)
Excelsior Spgs FM (37)
Farmington (85)
" Fly. Service (85)
Fayette Fly.Fld. (37)
Fenton,
" Sylvan Beach (35)
Festus, Lucas (35)
Fulton (37)
Gallatin,Daviess (37)
Garden City,Wright(37)
Gideon (87,85)
Grant City
" Edwards Arpk (37)
Gravois Mills
" Mel Adkins Resort (37)
Hannibal (37)
Harrisonville (39)
Houston, King (85)
Iberia, Eads (37)
Independence (39)
Jefferson City (37)
Joplin A,R (85)
Kansas City R,T (39,37)
" Heart of America(39)
" Kans.City (37)
Grandview (39)
" Ong (39)
Kennett (85)
" Sexton (85)
Kirksville A R (37)
" Arpk (37)
Kirkwood,Weiss (35)
Knobnoster
" Sedalia (63)
Lebanon (85)
Lexington (37)
Linkville FM (39,37)
Luray (37)
McBride,Chester (85,85)
Machens (35)

Malden AAF (87,85)
" Dexter (87,85)
" Gideon (87)
Marceline (37)
Marshall H,A (37)
" Nicholas (37)
Maryville (37)
Mexico,Green (37)
Moberly,Bradley(37)
Monett (85)
Neosho (85) com.
" mun. (85)
Neubeiser (35)
Nevada (85)
New Florence H,A (37)
Osborn (39)
Popular Bluffs,Earl(85)
Rolla (85)
St.Charles,Krste(35)
" St. Charles (35)
St.Joseph R (39,37)
" Rosecrans T (39,37)
St. Louis R (36,37)
" Black Walnut (35)
" Creve Coeur (35)
" Lambert-St.Louis T (35)
" Ross (35)
" Neubeiser (35)
" Sterling (35)
St. Peters FM (35,37)
Savannah (31)
Sedalia (37)
" AAF (37)
Sikeston
" Harvey Parks (87,85)
Slater (37)
Spanish Lake FMH, FM (35,37)
Springfield A,R (85)
" McFarland Fly.Svc. (85)
" Queen City (63)
Tarkio H,A (33,35)
Trenton,Vaughn (37)
Unionville Arwys (37)
Valley Park
" Meramec (35)
Versailles (37)
Vichy R A (37)
Warrensburg (37)
West Plains
" Sky Haven (85)
Windsor,Huston (37)

MONTANA

Alberton FM (6)
Baker (10)
Belt FM (6)
Big Timber (7)
Billings R,T,LFM (7)
Birney
" Bones Bros Ranch
Bozeman R (6) (7)*
" Gallatin (6)
Butte A,R (6)
Cascade FM (6)
" Bob Gordon (6)
Chester (6)
Chinook (7)*
Choteau (6)
Circle (7)
Columbus (7)
Conrad (6)
Custer R,A (7)
Cut Bank A,R (6)

Deer Lodge (6)
Dell Flight Strip (6)
Denton (7)
Dillon R,A (6)
Drummond R,A (6)
Ennis (6)*
Eureka (3)
Flathead Nat'l Forest
" Basin Creek (6)*
" Big Prairie (6)*
" Black Bear (6)*
" Condon (6)*
" Holbrook (6)*
" Meadow Creek (6)*
" Schaeffer (6)*
" Spotted Bear (6)*
Forsyth (7)
Fort Benton (6)
Fort Peck (7)
Gardiner (6)
Gates Park (6)*
Geraldine,Tanner (6)
" Geraldine (6)
Geyser (6)
Glasgow,Valley Co.(7)
Glendive (10)
Great Falls R,T (6)
" AAF T (6)
Gregson
" Rainbow Skyport(6)
Hamilton (6)
Hardin
" Big Horn Co. (7)*
" Zelka (7)*
Harlem (7)
Harlowton (7)
Havre City-Co. (7)
Helena R,T (6)
Homestake LFM (6)
Hot Springs (6)*
Huson,Six Mile (6)*
Ingomar (7)*
Jordan (7)*
Kalispell (6)
" Flathead Co. (6)
Lavina (7)
Lewistown A,R (7)
Libby (3)
Livingston A,R (6)
" Int. (6)
Malta Arpk (7)
McDonald FM (6)
Mildred (7)
Miles City A,R (7)
Missoula R (6)
" Hale (6)
" Missoula Co. (6)
Moore (7)
Mullan Pass R (3)
Nibbe FM (7)
Park City FM (7)
Plains (6)
Plentywood (10)
Polesbridge
" Quarter Circle M.C. Ranch (6)
Polson (6)
Poplar (7)*
Rapelje (7)
Red Lodge (7)
Roundup (7)
St.Xavier (7)
Scobey (7)
Seeley Lake (6)*
Shelby,Toole Co.(6)
Sheridan (7)

Sidney (10)
Stanford FM (6)
Stevensville (6)
Superior R,A (6)
Tampico,Etchart (7)
Thompson Falls (3)
Townsend (6)
Troy (6)*
Twin Bridges (6)
Valier (6)
Vida, Vine (7)
West Yellowstone (6)
Whitehall R,A (6)
Whitetail FM (6)
White Sulphur Spgs (6)
Winston FM (6)
Wolf Point (7)
" Gustafson-Anderson (7)

NEBRASKA

Ainsworth (28)
Alliance AAF (27)
" Mun. (27)
Atkinson (28)
Auburn (35)
Bayard (31)
Beatrice (33)
Beaver City,Hewett's(33)
Benkelman (33)
Big Springs (31)
Blair (35)
Brainard (33)
Broken Bow (33)
Bruning (33)
" Hawks (33)
Chadron H,A (27)
Chappell (31)
Clay Center (33)
Columbus (33)
Cozed,100th Meridian (33)
Crawford (27)
Crete (33)
David City (33)
Decatur,Eagleton (35)
Elgin (33)
Fairbury (33)
Falls City (35)
Fort Robinson (27)
Fremont (33)
Geneva,Fairmont (33)
Gordon (27)
Gothenburg (33)
Grand Island R (33)
" Central (33)
Harvard (33)
Hastings (33)
" Sky Ranch (33)
Hayes Center R,A (33)
Hay Springs (27)
Hebron (33)
Holdrege (33)
Humboldt,Hew's (35)
Imperial (33)
Kearney (33)
" AAF H,T (33)
Lexington (33)
Lincoln A,R (33)
" Arrow (33)
" Union (33)
" Waverly (33)
Lorenzo (33)
McCook (33)
" AAF (33)
Mead FM (33,35)
Mitchell (31)

Norfolk (33)
North Platte R (33)
" Lee Bird (27)
Offutt T (35)
Ogallala (31)
Ohiowa (33)
Omaha R,T (33,35)
" Clear Ridge (35)
" Offutt T (30)
Ord (33)
Oshkosh (31)
Overton (33)
Pender (28)
Potter,Idle Acres (31)
Republican City (33)
Rushville,Modisett(27)*
Schuyler (33)
Scottsbluff R,A (31)
Scribner (33)
Seneca (27)
Sidney H,A (31)
" Schwartz-Johnson (31)
Stuart,Skrdla (28)
Tecumseh (35)
Valentine (27)*
Valley (35)
Wayne (28)
Weeping Water
" Steckley Co. (35)
West Point (33)

NEVADA

Alamo,Pahranagat(75)
Austin (22,73)
Battle Mountain A,R (22)
" Flight Strip (22)
Boulder City (54)
Buffalo Valley (22)
Caliente (76)
Carlin FM (22)
Carson City (73,22)
Crystal FM (75)
Deeth FM (22)
Elko R (22)
" Keddie (22)
Ely, Yelland (23)
Fallon A,R (73,22)
" Lahontan (73,22)
Fernley (73,22)
" Lahontan (73,22)
Gabbs (73)
Genoa,Tahoe Sky Harb.
Goodsprings FM(75) (73)
Hawthorne (73)
Humboldt R,A (22)
Indian Springs (75)
Las Vegas T,R (75)
" Alamo (75)
" Ranch Club (75)
" Sky Haven (75)
Lovelock (22,73)
" Int. (22,73)
Manhattan (73)*
Minden
" Douglas-Tahoe (73)
Mormon Mesa (75)
Orovada (22)*
Owyhee (22)
Reno R A (73,22)
" Hubbard T (73,22)
Scottys (73)
Searchlight (75)
Smith,Smith Val'y (73)
Sparks (22, 73)
" Reno Sky Ranch (22,73)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Tutwiler, Miss. L.B. Strange Flying Service (111) Maple Rapids, Mich. (35) Paw Paw, Mich. (35) Aitkin Mun, Minn (14). Grace, Miss. Woodside (111). Comstock Park, Mich, Grand River (35). Lulu,Miss. Bass (85)
Philadelphia, Miss, Friendly Flying Service (123) Brookfield,Mo. Bailey's (37) Springfield,Mo. Rogers (85) Baraga,Mich,Big Lake (15)

Tonopah A,R (73)
" AAF (73)
" Bomb.& Gun.Rng (73)
Ventosa (23)
Wadsworth FM (22)
Wells (23)
Winnemucca (22)
" Int. (22)
Yerington (22,73)

NEW HAMPSHIRE

Berlin (18)
Boscawen FM (53)
Claremont (51)
Concord R, A (53)
" Merrimack Bay (18)
Grenier R,T (53)
Haverhill,Mem'l.(18)
Hampton (53)
Hinsdale,Brattleboro Hinsdale Arpt. (51)
Hooksett Land & Seapl.
Keene (51) (53)
" Dillant-Hopkins (51)

Laconia (53)
Lebanon A,H (51)
Littleton, Lewis (18)
Manchester,Grenier R,T (53)
Nashua, Boire (53)
" Gate City Arpk (53)
"Webster Arwys **(53)**
Newport (51)
North Conway, White Mountain (18)
Plymouth (53)
Portsmouth (53)
Somersworth,Wayside
Twin Mtn. (18) (53)
Whitefield (18)
Wolfeboro,Lakes Region (53)

NEW JERSEY

Adamston,Ocean Co.
Almonesson (65) (67)*
Andover,Trinca (67)
Asbury Park FM,A (67)
Ashland,Echelon (65)
Atlantic City (67)
" NAS T (67)
Auburn,Woodstown (63)
Barrington,Merrill (65)
Basking Ridge Sommerset Hills (67)
Belmar,Monmouth Co(7
Belvidere,Martins Creek (49)
Bendix,Teterboro T (67)
Blairstown,Lake Susquehanna (48,67)
Boonton,Acft Rdo Corp.
Bridgeport (65) (67)
Bridgeton,Buck's (63)
Burlington (65)
Caldwell-Wright T (67)
Camden, Central (65)
Cape May (67)
" Courthouse Smith(67)
Cassville LFM (67)
Chatsworth,Coyle (67)*
Clarksville,Nassau(67)
Clinton,NW Jersey (67)
East Hanover (67)
Elizabeth LFM (67)
Forked River A,FM(67)
Fort Dix (67)
Freehold FM (67)
Glassboro,Triangle(65)
Greenwich (63)
Hackettstown (67)
Hightstown (67)

Lakehurst R,T (67)
Lakewood (67)
Landisville,Downstown
Lebanon FM(67) (67)
Lincoln Park (67)
Marlton-Medford (65)
Matawan R (67)
Metuchen FM (67)
Millville A,R (63)
Moorestown (65)
Morristown (67)
Newark R,T (67)
New Brunswick,Hadley (67)
North Brunswick (67)
Ocean City,Clarke(67)*
Paterson,Murchio (67)
Pennington (67)
Penns Grove (63)
Pitman (65)
Pittstown,Alexandria(63)
Princeton (67)
Rahway,Westfield (67)
Readington,Solberg-Hunterdon (67)
Red Bank (67)
Richland,Cavolios (67)
Salem (63)
Sommerville,Somerset
Sussex (51) (67)
Trenton (67)*
" Mercer Co.(old)(65,67)
" Trenton (new)(65,67)
Vineland,Kroelinger(63)
Wildwood (67)
Woodbury (65)
Woodbine (67)
Woodbridge,Shinn-Woodbridge(67)
Wrightstown,Ft.Dix(67)

NEW MEXICO

Acomita A,R (77)
Alamogordo A,R (103)
" AAF (103)
Albuquerque A,R (79)
" Alameda (79)
" Cutter-Carr #2(79)
" Graham Bell (79)
" Kirtland T (79)
" Sky Court (79)
" West Mesa (79)
Anton Chico (79)
Artesia (103)
Aztec (77)*
Belen FM (79)
" Art Goebel (79)
Bernno,Valley (103)
Carlsbad A,R (103,119)
" Mun. (103,119)
" Carlsbad #1(103,119)
" John J. Small(103,119)
" Tracy (103,119)
Carrizozo (103)
Clayton (79)
Clovis R,A,H (79)
" AAF T,(79)
" Hillcrest (79)
Columbus R,A (103)
Cubero (77)
Cuervo (79)
" Holbrook's (79)
Deming Arpk (103)
" AAF (103)
" Deming South (103)
" Deming Ctr. (103)
Dora (105)
Eagle Nest (79)
El Morro R,A (77)
Engle R,A (103)
Farmington (77)
Ft. Sumner (79)
" #5 (79)
Gallup (77)
" Gallup City (77)
Hachita (103)
Harrington Ranch FM (87)
Hobbs R,A (105,119)
" AAF T (105,119)
" Me-Tex (105,119)
Hot Springs (103)
Hurley (103)
Jal, Continental(105,119)
Juan Tomas FM (79)
Las Cruces (103)
" Mun. (103)
" Int. (103)
Las Vegas A,R (79)
Lordsburg (101,103)
Lovington (105)
Magdalena (103)
Maxwell A,FM (79)
Mesilla Park,State College (103)
Mulnesand,Fly.M.(105)
Mountainair (79)
Mt. Riley (103)
Otto R, A (79)
Peralta FM (58)
Portales (105)
Raton, Crews (58)
Rodeo R,A (101,103)
Roswell (103)
" Com. (103)
" B& B (103)
" AAF R,T (103)
" AAF #3 (103)
Roy (79)
Ruidoso,Parker (103)
" Flying Svc. (103)
Santa Fe (new) H,A
" (old) (79) (79)
Shiprock,Indian Svc
Silver City (103) (77)*
" Whitehill(103)
Socorro (103)
Strauss, Jundt (103)
Taos (79)
Tucumcari A,R (79)
Tularosa (103)
Wagon Mound (79)

NEW YORK

Accord (51)
" Cliff Haven (51)
Albany A,R (51)
Amityville,Zahns (67)
Angola A,FM (47)
Amsterdam (51)
Arcade (47)
Armonk,Westchester
Auburn (49) (51)
Auriesville FM (51)
Ballston Spa (51)
Batavia (47)
Bayport,Davis (67)*
Bedford,White (51)
Beekman,Lime Ridge (51)
Bethpage,Grumman T (67)
Billings,Freedom Plains (51)
Binghamton (49)
Blasdell-Hayes (47)
Boonville (49)
Brentwood,Bender(67)*
Buffalo R,T (47)
Canastota (49)
Carlisle,Briggs (51)
Carthage (49)
Catskill Valley (51)
Cheektowoga FM (47)
Cicero (49)
Clarence,Co.Club(47)
Colonie FM (51)
Commack,Carll Skyport
Cooperstown (51) (67)
Cortland (49)
Dansville A,H (49)
Deer Park (79)
Delanson,Sky Haven(51)
Depew,Transit (47)
Dunkirk A,H (47)
" Werle (47)
E.Amherst,Steffen(47)
E. Greenbush (51)
E. Hampton (51)
E. Pembroke FM (47)
Edgemere,Rockaway(67)
Elizabeth (51)
Elmira R (49)
" Chemung Co. (49)
" Pine City (42)
Endicott,Tri-Cities T
Falconer (47) (49)
Farmingdale,Republic T (67)
Fisher's Isl,Elizabeth(51)
Flatbush FMH,FM(67)
Flushing (67) (67)
Floyd Bennett R,T,FMH
Fort Plain,Stone Arabia
" Int. (51) (51)
Fredonia (47)
Fulton (49)
" Arpk (49)
Gardenville,Buffalo(47)
Geneva,Mason (49)
Getzville,Audubon (47)
Glens Falls H,A (51)
" Warren Co (51)
Gloversville,Glove City
" Steenburgh(51) (51)
Gowanda (47)
Greenridge,Hughes (67)
Halcott Ctr,Halcott(51)
Hamburg Arpk (47)
" Erie Co. (47)
Hamilton,Colgate U.(49)
Hammondsport,Mercury
Hancock (49)* (49)
Hempstead,Mitchel R,T
" Nassau * (67)
Herkimer,Fayduk (51)
Hicksville Arpk. (67)
" Avia.Co.Club (67)
Hilton (49)
Honeoye Falls (49)
Hornell (49)
Horseheads,Eagle (49)
Idlewild R (67)
Islip,MacArthur T (67)
Ithaca (49)
" Cayuga (49)
Jamestown (47)
Johnstown,Vaughan (51)
" Fulco (51)
Keene, Marcy (18)*
Keeseville (18)
Kingston (51)
" Kingston-Ulster (51)
Kirksville (49)
Lake Placid (18)
Lancaster, Scott (47)
Livingston,Manor (51)
Lockport,Graf (47)
" Lee (39)
Mahopac (51)
Malone-Dufort (18)
Margaretville-Fleischman (51)
Massapequa
" Fitzmaurice (67)
Massena A,R (18)
" Stewart (18)
Mastic (67)
Mattituck (51)
Medina (47)
Medway FM (51)
Mexico,Ladd's (49)
Middleburg,Valley (51)
Middletown,Randall's(51)
" Starhaven (51)
Millerton (51)
Mineola,Roosevelt (67)
Minoa (49)
Mitchel R,T (67)
Montgomery (51)
" US Mil.Acad.#1 (51)
Monticello-Sullivan Co. (51)
Montour Falls,Martin(49)
Moravia (49)
Narrowsburg (49)
Newark (49)
New Baltimore,Farly's (51)
Newburgh,Stewart R,T(51)
" Stanton's Newburgh Cub Port (51)
New City,Christie (51)
" Rockland (51)
New Hackensack A,R(51)
New Paltz (51) (67)
New Rochelle FMH,FM
New Springville,Staten Island (67)
New York NAS,Floyd Bennett R,T (67)
" La Guardia R,T (67)
Niagara Falls T (47)
North Tonawanda,Co. Line (47)
" Shawnee Fly Svc (47)
Northville,Sacandaga Park (51)
" Plateau (51)
Norwich, Warren Eaton
Nyack,Miller (51) (49)
Ogdensburg (18)
Olcott, Palmer (47)
Olean (47)
Oneonta,Keyes (49)
Owasco,Bonnie Brae
Painted Post (49) (49)*
" Costa's (49)

Peekskill,Croton (51)
Penn Yan (42)
Perry Central (47)
" Fly.Svc. (47)
Pittsford,Brizee(49)
Plattsburg,mun.(18)
Port Chester FM(67)
Port Jervis,Huguenot (51)
Potsdam,Damon (18)
Poughkeepsie,
" Arlington (51)
Pulaski (49)
Ravena (51)
Red Creek (49)
Rexford,Long Meadow (51)
Rhinebeck, Cozine (51)
Richland (49)
Richmondville
" Schoharie (49)
Ripley (47)
Rochester R,T (49)
" Com. (49)
" Meacham-Genesee
" Hylan (49) (49)
" Ridgeway (49)
Rockaway Park LFM
Rome T (49) (67)
Rushville (49)
Salamanca (47)
Saranac Lake (18)
Saratoga Spgs FM (51)
Sayville (67)*
Schenectady Co. (51)
" Intercity (51)
Schuylerville (51)
Scottsville (49)
Selkirk (51)
Seneca Falls (49)
Sidney, (49)
Silver Creek (47)
Silver Springs (47)
Somers (51)
Springville (47)
Spring Valley (51)
Stewart R,T (51)
Stormville (51)
Syracuse A,R (49)
" Mun. T (49)
Ticonderoga (51)
Tonawanda (47)
Travis,Richmond Co.
Troy (51) (67)*
Tupper Lake (18)*
Utica A,R (49)
" Smithport (49)
Valley Stream,Columbia (67)
Walden-Newburgh-Walden (51)
Wallkill,US Mil.Acad. #2 (51)
Wappingers Falls (51)
Warwick-Wickham (51)
Watertown R (49)
" Bradley (18)*
Wellsv'l,Crowner(49)
Westfield (47)*
Westhampton Beach
" Suffolk Co. (51)
Westport (18)
White Plains,
" Westchester Co.T
Whitesville, (51)
Community (49)
Williamsville,Sheridan
Wingdale (51) (47)
Wollcottsville FM (39)
Wurtsboro (51)

NORTH CAROLINA

Aberdeen (93)
Albermarle,Stanley(93)
Asheboro (93)
Asheville-Hendersonv'l
" Josephson(91) (91)
" Owens (91)
Atlantic (95)
Aydelette FM (95)
Barco (95)
Beaufort-Morehead
Balloon #1(93) City (35)
Belmont (93)
Black Mountain (91)
Bogue (95)
Brevard,H & H (91)
Burgaw (95)
Burlington (93)
" Fairchild (93)
Camp LeJeune T (95)
Camp MacKall (93)
Candor (93)
Carolina Beach(95,117)
Chadbourn Duke (93)
Chapel Hill, Wms.(93)
" Hogan (93)
Charlotte R (93)
" Cannon (93)
" Delta (93)
" Douglas T (93)
" Plaza (93)
Cherry Point R (95)
" MCAS T (95)
Clinton (95)
Concord (93)
" Coley (93)
Derita,Brockenbrough
Draper,Tri-City(93) (93)
Durham (93)
" Pharis (93)
Eagle Spgs.Parkers (93)
Edenton FM,A (95)
Elizabeth City T (95)
" Woodville (95)
Elkin (93)
Erwin (93)
Fayetteville (93)
Ft.Bragg,Balloon (93)
" Pope R,T (93)
Franklin (91)
Gastonia
" Mun. (93)
" Spindle City (93)
Gibsonville,McLean
Goldsboro Bros (93)
" Seymour-Johnson
Greensboro R (93) (95)
" High Point T (93)
" Routh (93)
Greenville (95)
Henderson (95)
Hendersonville (91)
Hickory (93)
High Point,Fraley (93)
Hoffman,Camp MacKall AAF (93)
Jacksonville (95)
Julian,Gilmore #1 (93)
Kannapolis (93)
" Carolina Arpk (93)
Kings Mtn (93)
" Bridges (93)
Kinston (95)
" Piney Grove (95)
" Smith (95)
Laurinburg,Pine Acres
Lexington (93) (93)
Lillington (93)
Lincolnton (93)
" Burris (93)
Louisburg,Franklin(95)
Lumberton (93)
Manteo FM (95)
" Roanoke Isl. (95)
Marion,Francis Marion
Maxton,Laurinburg-Maxton (91) (93)
Mayodan, Mayo (93)
Micaville (91)
Mocksville (93)
Monroe (93)
" Mun. (93)
Mooresville,Harris(93)
Morganton (91)
" Lenoir (91)
Morehead (95)
Mt. Airy (93)
" Colonial (93)
Mt. Olive (95)
New Bern FM(95)
" Simmons-Knott (95)
New River,Camp Le Jeune T (95)
Newton,Conover (93)
North Wilkesboro (93)
Oak Grove T (95)
Oxford,Young (93)
Pinehurst,Knollwood(93)
Pollocksville,Oak Grove
Pope R,T (93) T (95)
Raeford,Upchurch (93)
Raleigh A,R (93)
" C.A.P. (93)
" Raleigh-Durham T(93)
Red Spgs, Brooks (93)
Reidsville (93)
" Warf (93)
" Rapids Halifax Co.(93)
Rockingham-Hamlet (93)
Rocky Mount (95)
" Avalon (95)
Roxboro (93)
Salisbury (93)
Sanford Lee Co. (93)
Selma (95)
Seymour-Johnson (95)
Shelby,Byers (91)
Silver City,Gilmore (93)
Southern Pines,Skyline (93)
South Mills FM (95)
Spindale,Rutherford(91)
Statesville (93)
Sylva (91)
Tarboro (95)
Thomasville (93)
" Pauls Arpk. (93)
Wadesboro (93)
Wallace (95)
Warrenton (95)
Washington (95)
Weeksville R,T (95)
West Jefferson (91)
White Lake,Beach(95)
Whiteville (93)
Wilmington Arpk(95,117)
" Bluethenthal(95,117)
" Peiffer (95,117)
Wilson (95)
Wingate,McLeod (93)
Winston-Salem R (93)
" Smith Reynolds T (93)
Yanceyville,Caswell(93)
Zebulon (95)

NORTH DAKOTA

Abercrombie (11)
Ashley H, A (11)
Beach (10)
Bismarck A,R (10)
Bowman (10)
Cando (11)
Carrington,Matheny(11)
Crosby (10)
Dawson (11)
Devils Lake (11)
Dickinson A,R (10)
" Worth (10)
Driscoll FM (10)
Fargo R (11)
" Hector T (11)
Fessenden,Mohr (11)
Glen Ullin (10)
Golva (10)
Grand Forks A,R (11)
Harvey (11)
Hettinger (10)
Jamestown A,R (11)
Killdeer, Ilo (10)
Langdon (11)
Lisbon (11)
Minot R (10)
" Port O'Minot (10)
Mohall (10)
Mott, Wyman (10)
New England (10)
New Rockford (11)
Judson FM (10)
Parshall (10)
" Miller (10)
Pembina R,A (11)
Portal (10)
Rhame (10)
Rolla (11)
Rugby (10)
Towner (10)
Valley City (11)
Wahpeton,Sch.of Science
Washburn (10) (11)
Watford City (10)
West Fargo LFM (11)
Wheatland FM (11)
Williston (10)
" Chandler (10)
" Wright (10)
Wyndmere,Homestead (11)

OHIO

Akron A,R (45)
" Akron-Canton (45)
Alliance,Taylorcraft (45)
Amanda,Wolfords (59)*
Archbold H,A (43)
Ashland (45)
Ashtabula (39)
Athens,Ohio Un.(59)
Avon Lake LFM (45)
Barberton,Ling (45)
Bedford (139)
" Ward (139)
Bethel (57)
Bowling Green R (45)
" Bricker (45)
Brecksville FM (45)
Brookfield (39)
Bryan,Stombaugh(43)
Bucyrus,Port Bucyrus
Cambridge (59) (45)
Canton, Martin (45)
" McKinley (45)
Chagrin Falls (139)
Chardon (139)
Cherry **Fork** (59)
Chesapeake,Huntington (59)
Chillicothe, **Jones** (59)
" Scioto Trail (59)
" Skypark (59)
Cincinnati **R (57)**
" Campbell (57)
" Cheviot (57)
" Lakewood (57)
" Lunken T (57)
" Mt. Healthy (57)
" Paris Watson (57)
Cleveland **R,T** (139)
" Brooklyn (139)
Clinton Co. T,FMH(59)
Coldwater (57)
Columbus R (39)
" Clickenger (59)
" Lockbourne T (59)
" Norton (59)
" Ohio State Un. (59)
" Port Columbus T(59)
" Price (59)
" Sullivant Ave. (59)
Conneaut (39)
Crooksville (59)
Dayton T,R (57)
" Dahlo (57)
" So. Dayton (57)
" Wright T (57)
Defiance,Bryan-Defiance Mem'l (43)
E.Liverpool,Swaney(39)
Elyria A,FMH,FM(139)
Fairfield R,FM (57)
" Patterson T (57)
Findlay A,H (45)
Fostoria,Snyder (45)
Fremont,Slager (45)
Galion (45)
Gallipolis,Twin Cities (59)*
Greenford,Holloways (39)
Greenville,Lansdowne
" Treaty City (57) (57)
Grove City (59)
Hamilton (57)
Harrison (57)*
Hayesville H,A (45)
Hicksville,Skinner(43)
Hilliard FM (59)
Hooker,Port Lancaster (59)
Hudson,Mid **City** (139)

New Rochelle, N.Y. FM (67) Toms River, N.J. (67) Deming, N. Mex., Skytel (103)

Jackson, Shumate (59)
Kellys Isl.,Fenwick(45)
Kent,Kent State (45)
Kenton,Cedar Lawn **(59)**
Lancaster (59)
" Hightman (59)
LeRoy,Westfield (45)
Lewisburg,Midway(57)
Lewistown,Voss (59)
Lima (43)
Lockbourne T (59)
Lorain City (139)
" Lorain Skyport **(139)**
Loveland FM (57)
Magnolia (59)
Mansfield (45)
" Gage (45)
Marietta (59)
Marion (59)
Mason Attaway (57)
Massillon,Noble (45)
Medina,Prichard (45)
Middletown (57)
Minford,Knore (59)
Montezuma,Lakeview (57)
Morrow,Happy Lodge (57)
Mt. Liberty FM (59)
Mt. Orab FM (59)
Mt. Vernon,Wynkoop(59)
Nevada,Coons (45)
Newark A,FM (59)
New Holland,Tri-Co.(59)
New Paris
" New Westville (57)
New Philadelphia (59)
North Benton,Miller(45)
Northfield,Sky Haven(136)
North Royalton LFM(45)
Norwalk (45)
" Arpk (45)
" Parks Arpk (45)
Oxford,Miami Univ.(57)
Patterson R,T (57)
Paulding Co. (35)
Perry H,A (45)
Piqua (57)
Port Clinton,Peninsula (45)
Portsmouth,Raven Rock (59)
Put-In-Bay (45)
Reynoldsburg,Snook(59)
Rushsylvania,Port Core (59)
Sandusky,Hinde (45)
Sharonville,Cincinnati **(57)**
Sidney (57)
Solon (139)
Springfield (59)
" Crabill (59)
Summit Sta LFM (59)
Tiffin (45)
Tiltonsville,Scott (74)*
Toledo R,T (45)
" Franklin (45)
" Nat'l Aviation (45)
Toronto (74,
Troy,Waco-Troy (57)
Urbana,Grimes (59)
Van Wert (43)
Vermilion FM,A (139)
Verona FM (57)
Wakeman,Ortaer(139)
Wapakoneta
" Port Koneta (57)
Warren,Hall (47)
" Airways (47)
" Port Warren **(47)**
" Tyndall (47)
Washington Court House,Wash.**Arpk(59)**
Watertown,Reed's **(59)**
Wauson,Grieser **(43)**
Wellington (140)
Willard (45)
Williamsfield,Sky Harb.
Willoughby (139) (47)
" Chagrin Harbor(139)
" Euclid Ave. (139)
" Lost Nation (139)
Wilmington (59)
" Clinton Co. T, FMH
Woodsfield (59) (59)
Wooster (45)
Youngstown R,T (47)
" Bernard (47)
" Bird (47)
" Watson (47)
Wright **T** (57)
Zaleski **State** For.Svc.
Zanesville A,H (59) (59)
" Briggs (59)
" Commerce (59)
" Riverside (59)

OKLAHOMA

Ada (81)
" Community (81)
" Walker (81)
Afton,Monkey Isl.(85)
Altus (81)
" Mun. (81)
" Olustee (81)
" Walker (81)
Alva (81)
Anadarko (81)
Antlers (81)
Ardmore A,H (81)
" Int. (81)
Atoka (81)
Bartlesville (81)
" Phillips T (81)
Blackwell (81)
" Marks (81)
Boise City (79)
Buffalo (81)
Calumet, Bomhoff (83)
Carnegie,Dukes (81)
Cherokee,Jimmie Ray Chickasha (83) (81)
" Mariash (83)
Claremore,Rogers T(81)
Clinton (81)
" Victory (94)
Cordell (81)
Cushing (81)
Delhi (94)
Dill (81)
Duncan,Halliburton(81)
Durant,Comm. (107)
" Eaker (107)
Edmond,Central (83)
Elk City,Bennett (81)
El Reno (83)
" Mustang (83)
Enid (81)
" North (81)
" Woodring (81)
Erick,Haddock (81)
Ft. Cobb,Caddo (81)
Ft. **Sill,Post T (81)**
Frederick (81)
Gage **A**,R (81)
Geary (81)
Grandfield (81)
" #3 (81)
Great Salt Plains **(62)**
Guthrie (83)

Guymon (new) (79)
" (old) **(79)**
Heavener **(85)**
Hinton,Kingfish **(83)**
Hobart (81)
" Hunters (81)
Holdenville (81)
Hugo,Weddington(107)
Idabel (107)
Jefferson,Kittenbrink (81)
Jet,Great Salt Plains(81)
Kingfisher (81)
Lamont,White Bros(81)
Langston,Univ. (83)
Lawton (81)
" Cameron College(81)
Lexington,Purcell (83)
McAlester (81)
Mangum,Ponder (81)
Marietta FM (95)
Marlow (83)
Miami,(85)
Moore,Wheatley (83)
Moseley,Univ. (85)
Muskogee (81)
" Hatbox-Muskogee(81)
Newall FM (83)
Newkirk,Skypark (83)
Norman,Westheimer(83)
Nowata (81)
Oklahoma City R,LFM, (A) (81,83)
" Garthoeffner (83)
" Nuckols (83)
" Tinker R,T (83)
" Wiley Post (83)
" Will Rogers T (83)
Okmulgee (81)
" Com. (81)
Pauls Valley (83)
Pawhuska (81)
Perry (81)
Picher,Jameson (85)
Ponca City A,H (81)
Post T (81)
Poteau (85)
Pryor,Long (81)
Red Fork FM (62)
Roosevelt R (81)
Sapulpa (81)
Sayre (81)
Seminola (81)
Sentinel,Mem'l (81)
Shawnee Mun. (81)
Skiatook FM (62)
South Coffeyville
" Jensen (81)
Stillwater #1 (81)
" #2 (81)
Stilwell (85)
Stroud (81)
Swain (95)
Tahlequah (85)
Thomas,Kell-Air (81)
Tinker R,T (81,83)
Tishomingo (81)
Tonkawa (81)
Tulsa R,T (81)
" Brown (81)
" Commercial **(81)**
" Harvey Young **(81)**
" North (81)
Verdigris River FM (63)
Vinita,Topper (81)
Walters (81)
Washington FM (83)
Watonga (81)
Weatherford (81)
Wetumka,Boren (81)
Wewoka, com. (81)
" mun. (81)
Woodward (81)
" mun. (81)
Yukon,Cimarron (83)
" Lake View (83)

OREGON

Albany (2)
Alkaki Lake (22)
Arlington (2)
Astoria,Clatsop Co.R(2)
Aurora (141)
Baker A,R (3)
Bay Ocean FM (2)
Beaver Marsh (19)
Beaverton,Bernard(141)
Bend (2)
" old (2)
Boardman (3)
Brooks,Sky Haven (2)
Burns (22)
" Roe Davis (22)
Cabbage Hill FM (3)
Canby (141)
Cave Junction,Illinois Corvallis (2) (19)*
Corvallis Jct. (2)
Cottage Grove A,FM(19)
Cow Creek (19)
Creswell, B & H (19)
Dallas (2)

Denmark,Curry Co.(19)
Eagle Pt.,Blue Star (19)
Enterprise (3)
Eugene R,A (2)
" Mahlon Sweet (2)
" Williametto (2)
Grants Pass (19)
Gresham,R.O.K.(141)
Harrisburg (2)
Hermiston (3)
Hillsboro (141)
Hood River (2)
Idanha,Santiam Jct.(2)*
Joseph (3)
Klamath Falls A,R (19)
La Grande A,H,FM (3)
Lakeside (19)
Lakeview (19)
Lebanon (2)
Lexington (3)
McNary (2)
Madras (2)
McMinnville (2)
Medford R,A (19)
" AAF T (19)
" Piercy (19)
Milton,Oregon Sky Ranch (3)
Milwaukee,Wells(141)
Monmouth,Adams (2)
Mulino,GreenAcres(141)
Myrtle Creek (19)
Newburg,Sportsman(141)
Newport (2)
North Bend (19)
Ontario H (3)
Oregon City,Sky Park
Pendleton R,T (3) (141)
" Airways Inc. (3)

Portland R (2,141)
" AAB T (141)
" Dwyer (141)
" Birdsdale (141)
" Troh's Skyport (141)
Prineville (2)
Redmond R (2)
" Roberts (2)
Riddle,Tri-City (19)
Rome (22)
Roseburg (19)
Scappoose,Columbia Co
Silverton,Adams(2)(141)
Sutherlin,Sky Ranch(19)
Sweet Home,Langmack
The Dalles A,R (2) (2)
Tillamook R,T (2)
" Coastway Sch. (2)
Trail FM (19)
Troutdale (141)
Vale (22)
Vernonia (2)
Wasco (2)
Willamette FM (2)
Woodburn,Barrett-Schuler (141)
Worden (19)

PENNSYLVANIA

Allentown R (49,63)
" Bethlehem (49,63)
" Convair (63)
Altoona R (61)
" Stultz (61)
Ambler, Wings T (65)
Andreas,E.Penn (49)
Annville,Millard (63)
Athens,Chemung Val'y
Beaver Falls (49)
" Patterson Hgts (47)
Bellefonte (49)
Bloomsburg (49)
Boothwyn FM (63)
Bradford,Harri-Emery
" McKean Co.(47) (47)
Bristol,Kaiser (65)
Brockway (47)
Brookville H,A (47)
Buckstown (61)
Butler-Alameda (47)
" Pittsburgh-Butler
Canadensis,Barrett(49)
Campbellt'n,Reigel(63)
Carlisle FM,A (63)
" Centerville (63)
Cecil FMH,FM (61)
Chambersburg (63)
" Sunset Arwys (63)
Charleroi,Star Val'y (61)
Chester, Benedict (65)
" Buckman (65)
Clarion,Parker Cramer
Clearfield (47) (47)
Coatesville **(63)**
Collegeville,
" Perkiomen (65)
Conneaut Lake (47)
Connellsville (61)
Conway (47)

Corry,Port Lawrence
Cresson (61) (47)
Daleville (49)
Danville (49)
Doulgasville,Smilin Jack (63)
Doylestown **(65)**
Dubois (47)
Duncansville,Altoona
Easton (49) (61)
" Bethlehem-Easton **(63)**
Ebensburg,Keystone(61)
Elysburg,Shamokin(49)
Emmaus (63)
Erie R (47)
" Port Erie (47)
Fogelsville (63)
Gettysburg (63)
" Doersom (63)
Gordon (49)
Granville,Cargill (63)
Greater Pittsburgh T(61)
Greensburg
" Pittsb.-Greensb.(61)
Greenville (47)
Grove City (47)
Hanover,Devener (63)
Harrisburg R (63)
" State T (63)
" Penn-Harris (63)
Harrison City (61)
Hazleton,Green Acres(49)
" Reifenberg (49)
Hershey (63)
Holmesburg FLM (65)
Hookstown FM (61)
Huntingdon (61)
Indiana,Hamilton (61)
Johnstown (61)
Johnsville T (65)
Kearsarge,Erie City(47)
Kutztown (63)
Kylertown (47)
Lake Carey FM (49)
Lancaster (63)
" mun. (63)
Langhorne,OldStar (65)
Lansdale (65)
Latrobe (61)
Leechburg (61)
Lehighton (49)
Lewistown (63)
Linesville
" Merry's Pymatuning
Lock Haven,Cub (47)
Haven (49)
Marchand,Braebreeze
Mars,Perry (47) (47)
Martinsburg,Blair (61)
Matamoras (51)
Meadv'l,Penn-Mead(47)
" Port Meadville (47)
Mercer (47)
Middletown FM (63)
" Olmsted T (63)
Millbrook R (47)
Milton (45)
Mohrsville,Estler(63)
Montgomeryville
" Gloster (65)
Morrisville (65)
" Skyhaven (67)
Mt. Jewett (47)
Mt. Pleasant FM **(61)**
Mt. Pocono (49)
Mt. Union (63)
Mustin T (78)
Myerstown,Lebanon Co. (63)
New Alexandria A,FM
New Castle (47) (61)
New Hanover **(63)**
" Layfield (63)
New Kingston,Taylor(63)
New Springfield FM(47)
Nicholson,Mt.View(49)
Norristown,Patco (65)
" Valley Forge (65)
Oil City, Splane (47)
Olmsted T (63)
Olyphant,Mid Val'y(49)
Paoli,Phila.Main Line (63)
Philadelphia,Budd (65)
" Boulevard (65)
" NAAS,Mustin T (65)
" NE Philadelphia R,T
" SW " R,T (65) (65)
" Somerton (65)
Philipsburg R,A (47)
Pine Grove,Swatara Valley (63)
Pitcairn,Pitt-Wilkins
Pittsburgh K,R (61) (61)
" Allegheny T (61)
" Bettis (61)
" Greater Pittsb. T (61)
" Mayer (61)
Pottstown (63)
Pottsville,Schuylkill(63)
Punxsutawney (47)
Quakertown,Grants (65)
" Arpt. (65)
Reading (63)
" Berks (63)
" Madeira (63)
Ridgeway,Green (47)
Salix (61)
Sayre,Valley (49)
Scranton (49)
Selingsgrove (49)
Seven Valleys FM (63)
Slatington FM (49)
Somerset (61)
State College, Air Depot
Stroudsburg (49)
" East Stroudsburg (49)
Summerhill FM (61)
Sunbury A,R,H (49)
Tamaqua (49)
Tarentum,Allegheny Valley (61)
Towanda (49)
Tunkhannock,Skyhaven
Utahville (47) (49)
Vanderfrift (61)
Wallaceton,Albert (47)
Warren (47)
Waynesburg,Greene(61)
Waynesboro (63)
West Chester (63)
Wilkes-Barre R (49)
" Wyoming Val'y (49)
Williamsport A,R (49)
Willow Grove R,T (65)
Womelsdorf (63)
York (63)
" Val'y (63)
Youngsville,Broken Straw (47)

RHODE ISLAND

Charlestown T (53)
Greene,Riconn (53)
Newport (53)
Providence R (53)
" Greene T (53)
" Mineral Spgs (53)
Quonset Point R,T(53)
Smithfield (53)
Westerly (53)
Woonsocket (53)

SOUTH CAROLINA

Aiken AAF (117)
" mun. (117)
Allendale,Manning(117)
Anderson A,H (91)
Bamberg,Carlisle(117)
Barnwell (117)
Beaufort (117)
Bennettsville,Palmer
" Rowe (93) (93)
Calhoun Falls,Bentley (91,125)
Camden,Woodward (93)
Charleston R,T(117)
" Carolina Skyways(117)
" Clark (117)
" John's Isl. (117)
" Truluck (117)
Cheraw,Bellinger(93)
Chesnee (91)
Chester,mun. (93)
Columbia R,A (117)
" Congaree (117)
" Lexington Co.T (117)
" Owens (117)
Congaree (117)
Coronaca (117)
Darlington,Hartsv'l(93,
Elloree (117) (117)
Estill (117)
Florence A,R (93,117)
Georgetown (117)
" County (117)
Greenville A,R (91)
" AAB T (91)
" Paris Mtn. (91)
Greenwood (91,117)
" Coronaca (91)
Hartsville (93)
John's Island (117)
Kershaw (110)
Lancaster,Coulbourn(93)
Lane (117)
Laurens,Barksdale (91)
Little Rock (93)
Manning (117)
Myrtle Beach R,T(117)
North (117)
North Augusta (117)
Orangeburg,Hawthorne
" Jennings (117) (117)
Parris Island (117)
Ridgeland (117)
Rock Hill,Roddy (93)
St.Matthews,Donald(117)
Shaw T (117)
Spartanburg R
" Fairforest (91)
" Memorial T (91)
Summerville FM (117)
Sumter, Shaw T (117)
" Sumter (117)
Timmonsville,Huggins
Trenton(117) (93,117)
Walterboro (117)
Wampee,Ocean Drive (117)

SOUTH DAKOTA

Aberdeen A,R (11)
Belle Fourche (10)*
Britton, mun. (11)
Brookings (11)
Carthage (11)
Chamberlain (28)
Custer,Bourassa(27)
Dell Rapids (28)
Edgemont (27)
Elk Point (28)
Eureka (11)*
" mun. (11)
Faulkton,Biedenfelt(11)
Flandreau (11)
Gregory (28)
Hot Springs (27)
Huron R (11)
" W.W. Howes (11)
Madison (11)
Martin Bennett Co.(27)
Milbank (11)
Miller (11)
Mitchell (28)
" Anderson (28)
Mobridge (10)
Newell (10)
Philip H,A (10)
Pierre A,R (10)
Platte (28)
Presho Mun. (27)
Rapid City R (10)
" Halley (10)
" AAB T (10)
" Geronime (10)
" Rushmore (10)
Redfield (11)*
Reliance, Rancher's and Farmer's (28)
" Fletcher (28)
Sioux **Falls A**,R (28)
Sisseton Mun. (11)
Spearfish,Black Hills(10)
Stevens,Rickenbacker
Vermillion (28) (28)
Wagner (28)
Watertown A,R (11)
Willow Lake
" Hofer-Kannegieter(11)
Winner (28)
Yankton (28)

TENNESSEE

Chattanooga R,T (89)
Clarksville,Outlaw(87)
Cookeville (89)
Cowan,Univ.of South(89)
Crossville (89)
Cuba FM (87,85)
Dyersburg (87,85)
" mun. (87,85)
Fairview FM (89)
Fisherville FM(85,87)
Gallatin (89)
Graham (87)
Greenbrier FM **(89)**
Humboldt (87)
Jacks Creek R,A(87)
Jackson (87)
" McKellar (87)
Kingston FM (89)
Knoxville R (91)
" McGhee-Tyson T(91)
" Island (91)
Lebanon (89)
McMinnville,Boyd(89)
Manchester (89)
Martin,Gill-Dove (87)
Memphis R,T (87,85)
" Flying Svc.(87,85)
" NAS T (87,85)
" Wilson (87,85)
Milan (87)
Morristown (91)
Mt. Juliet FM (89)
Mt. Pleasant,Maury(87)
Murfreesboro
" Sky Harbor (89)
" St.Teachers Col.(89)
Nashville R (89)
" Berry T (89)
" Cornelia Fort (89)
" Cumberland (89)
" Smyrna T (89)
Piedmont FM (91)
Pulaski,Abernathy(89)
Smithville R,A (89)
Smyrna T (89)
Tallassee FM (91)
Tri-City R, T (91)
Tullahoma,Wm.Northern (89)
Union City,Embry Riddle (87,85)
" Kennon (87,85)
Walterhill FM (89)
Whiteville (87,85)
Wm. Northern (89)

TEXAS

Abernathy #1 (105)
Abilene R (105,119)
" AAF (105,119)
" Air Term. T(105,119)
Adrian (79)
Alamo,Kahler (121,109)
Albany,Taylor (105)
Alice A,R (121)
Aloe AAF (121)
" #10 (121)
Alpine,Starns (105,119)
Amarillo A,R,LFM (79)
" English T (79)
" Tradewind (79)
Anahuac,Sky Harbor (125)
Anson (105,119)
Arcola FM (118)
Arlie (81)
Aragon #5 (87)
Arlington,Midway **(109)**
" OLF(109)
" Sky Ranch (109)
Asherton (121)
Austin R (123)
" Bergstrom T (123)
" Haile (123)
" Robert Mueller T(123)
Austwell (121)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Lone Wolf, Okla. Hohmann (81). Bethel, Pa, Grimes (63) Lansdale, Pa, Turner (65). Atlanta, Tex.(111) Bedford, Pa (74). Hohenwald, Tenn. Brown (103). Clifton, Tenn (102). Dandridge, Tenn. Lakeside (107). Kingsport, Tenn. Pierce (107). Mustang,Okla.FM (83) Wilkes-Barre.Pa. Wilkes-Barre-Scranton A,R(49) Oklahoma City,Okla. Tulakes (83) Port Isabel,Tex. (121) Anthony,Okla.A,H (81) Galeton,Pa. Cherry Springs (49)

Baird (105,119)
Ballinger,Bruce (105)
Bandera (123) (119)
Bay City (125)
Beaumont A,R (125)
" Jefferson City (125)
" Lamar (125)
Beeville,Chase (121)
" Travland (121)
Belton (123)
Bergstrom T (123)
Biggs T (103)
Big Spring R,T (105,119)
" U & S Fly.Svc. (105,119)
Bonham,Brown (107)
" **Jones** (107)
Borger,Harnagel (79)
Bowie (107)
Bracketville (119)
" Fort Clark (119)
Brady,Curtis (105,119,123)
" White (105,119,123)
Breckenridge (105)
Brooks T (107)
Brownfield (105)
" Triangle (105)
Brownsville R (121)
" **Mauldin** (121)
" **Rio** Grande Val'y T
Brownwood (105) (121)
Bryan AAF (123)
" **Coulter** (123)
Burkburnett (105)
Burnet (105,123)
Cabaniss T (121)
Cameron (123)
Camp Hood (123)
Canadian,Hemphill (81)
Candelaria (119)
" **Decker Ranch** (103)
Canyon,W.Texas St. (79)
Carrizo Spgs,Dimmit County (**121**)
Carthage Air **Svc.** (**107**)
Castolon (119)
" **Johnson Ranch** (**119**)
Castroville,Riomedina
Chase (**121**) (**109**)
Childress R (**81**)
" **AAF** (**81**)
Cisco (**105**)
Clarendon R,A (**81**)
Clarksville (**107**)
Claude (**79**)
Clear Springs #5 (**109**)
Cleburne NW (**107**)
Coleman (**106,119**)
College Station
" **Easterwood** (123)
Comanche (105)
Commerce (107) (125)
Conroe,Montgomery Co.
Corpus Christi R (121)
" NAS R,T (121)
" Cliff Maus T (121)
" OLF #10 (121)
" OLF #11 (121)
" OLF #25 (121)
" OLF #41 (121)
" Cabaniss T (121)
" Cuddihy (121)
" Rodd T (121)
" Waldron (121)
Corsicana,com (107)
" **mun.** (**107**)
" **"75"** (**116**)

Crane,Crane Co. (105,
Crystal City (121) (119)
Cuero (123)
" Edgerton (123)
Cox AAF (107)
Cypress,Jackson (107)
Dalhart (79)
" mun. (79)
" #1 (79)
" #2 (79)
Dallas R (109)
" Clearview (109)
" Fliers (109)
" Hensley T (109)
" Highland Park (109)
" Hudson (109)
" Lou Foote (109)
" Love T (107,109)
" Mustang (109)
" Second Ave. (109)
" Skyline (109)
" White Rock (109)
Damon (125)
Delaware Spgs (103,109)
Del Rio (119)
" Laughlin (119)
" Val Verde Co. (119)
Denison, Gray (107)
Denton, Collete (107)
" Hartlee (107)
Denver City (105)
" Humble (105)
Dimmit, Bobcat (79)
Dolores,La Laja (121)
Dryden,Airdrome (119)
" Int. (119)
Dublin,Loyd Hines (105)
Dumas (79) (109)
Duncanville FMH (107,
Eagle Mtn Lake (109)
Eagle Pass (121)
" mun. (121)
Eastland,Weaver (105)
Eden (105,119,123)
Edinburg, Com. (121)
Edna (123)
El Campo,Hefner (123)
Eldorado (105,119)
Electra (105)
Ellington T (125)
El Paso R (103)
" Biggs T (103)
" Mun. T (103)
Elsa (121)
Ennis (107)

Floydada (105)
Forney FM (109)
Fort Clark (119)
Fort Hancock (103) (119)
Ft. McKavett,C-B (105
Ft. Stockton,Dyche (105
" Gibbs (105,119) (119)
" Win (105,119)
Fort Worth R,LFM (109)
" AAF T (109)
" Hicks (109)
" Meacham T (107,109)
" Midwest (109)
" Russell (109)
" T.C.U. (109)
Freeport,Lake Jackson
Freer (121) (125)
Friona,Benger (79)
Gainesville AAF (107)
" **Com.** (**107**)

Gainesville
" Whaley Arpk (107)
Galveston A,R (125)
Garland,Luscombe (109)
Gaskin (107)
Gatesville,Scott (123)
Georgetown (123)
Gilmer,Holmes (107)
Gonzales,Faurie (109)
Goodfellow R,T (105,119)
Goose Creek,Humphrey
" Tri-Cities (125) (125)
Gorman (105) (125)
Grand Prairie (109,107,
Grauwyler Park FMH
Gregory FM (121) (109)
Greenville,Caddo Mills
" Majors (107) (109)
" Rutherford (107)
" South Sulphur (107)
Groesbeck (123)
Gruver (79)
Guadalupe Pass V,FM
Hamilton (107) (103,119)
Hammond (123)
Handley (109)
Harlingen (121)
" com (121)
" mun (121)

Harpersville FM,A (105)
Haslet FMH,FM (107,
Hearne (123) (109)
Henderson (107)
Hensley T (109)
Hereford,Clover (79)
Hillsboro,Byrn's (107)
Hitchcock T (125)
Hondo AAF (123)
Houston R,FM,T (125)
" Ellington T (125)
" Erwin-Newman (125)
" Main Street (125)
" Minor Stewart (125)
" Preston (125)
" Sam Houston (125)
" Skyport (125)
" Sportsman (125)
Hudspeth (103)
Hueco Mtn FM (103)
Huntsville,Houston (125)
Idalou (105)
Iraan (105,119)
Jacksonville (107)
Joshua FM (107)
Karnack FM (111)
Kaufman,Wallace #2 (109)
Kelly T (123)
Kenedy (121)
Kent (103,119)
Kermit (105,119)
Kerrick (79)
Kerrville,Schreiner
Kilgore,Elder (107) (123)
Killeen (123)
" Camp Hood (123)
Kingsville (N) (121)
" (S) (121)
" Int. (121)
" Weisman (121)
Kirbyville,Richter (125)
Knox City (105)
Lamesa (105,119)
" com. (105,119)
" Hogg (105,119)
Lampasas Co. (105,123)

Laredo A,R (121)
" Chupadera Ranch
" Wormser (121) (121)
Laughlin (119)
Leaday, Miller (105,119)
Levelland (105)
Littlefield,Duggan (105)
Llano Co. (105,123)
Longfellow,Cox (119)
" Yoas Ranch (119)
Longview,East Side (107)
" Gregg Co. (107)
Los Fresnos A,FM (121)
Louise (123)
Lubbock A,R (105)
" Com. (105)
" So.Plains T (105)
Lufkin (125)
" Angelina Co. (125)
Luling (109)
McAllen (121)
McCamey (105,119)
McKinney (107)
Madisonville Emerg. (125)
Magnolia Beach
" Indianola (121)
Marathon,Blair (119)
" Combs (119)
Marfa AAF (105,119)
" (new) (103,119)
" (old) (103,119)
" Allison Ranch (119)
" Aragon (87) 119)
" Ryan #3 (103,119)
" South #1 (119)
Marlin,Stephens (123)
Marshall (107)
Mason Co. (105,123)
Martindale #4 (109)
Matagorda Isl. Bombing & Gun.Range (121)
Matagorda Peninsula (121)
Mathis,Lake Mathis (121)
Mercedes FM (121)
" Central Valley (121)
Mexia (107)
Midland R,A (105,119)
" Com. (105,119)
" #2 T (105,119)
" Skyhaven (105,119)
Mineola,Wisener (107)
Mineral Wells (new) (109)
Mission,Magic Val'y
" Moore (121) (121)
" Moore #1 (121)
" Moore #3 (121)
" Shary (121)
Monahans, mun. (105,119)
Moore (121)
" #3 (121)
Morton,Cochran Co. (79)
Mt. Pleasant (107)
Muleshoe (79)
Muenster (107)
Nacogdoches (107)
Navasota R,A (125)
Newark,Eagle Mtn. Lake (109)
New Braunfels,Clear Spring #5 (109)
" Kuehler (109)
Odessa,Ector Co. (105,119)
Old Ocean (125)
Olney (105)
Orange (125)

Orla , Tex-Line (103,119)
Ozona (105,119)
Kinser Ranch (105,119)
Paducah (105)
Palacios A,R (121)
Palestine (107)
Pampa (81)
" Int. (81)
" AAF (81)
Pandale (119)
Paris, Cox AAF (107)
" Legion (107)
Parker Int. (107,109)
Pawnee (121)
Pecos (105,119)
" Anderson (105,119)
Perrin (95)
Perryton (81)
Plainview,Hale Co. (79) (119,
Port Arthur,Parker 125
Portland,Hunt (121)
Port Lavaca,Tanner
Post (105) (121)
Poteet (123)
Prairie Hill,Waco #5
Presidio (119) (107)
" Air Strip (119)
Preston (119)
Pyote AAF T (105,119)
Quannah,Comm. (81)
Randolph R,T (123,109)
Ranger,(105)
Rankin (105,119)
Raymondsville,Fox (121)
" Int. (121)
Red Bluff,Hines (103,119)
Refugio,Reoke (121)
Richmond R (125)
Rita Santa (105,119)
Roaring Spgs.Buzz (105)
Rockport (121)
Rock Spgs,Sherrill (119)
Rodd T (121)
Rotan (105)
Ryan #3 (119)
Saginaw (109)
Salt Flat R,A (103)
San Angelo T (105,119)
" Goodfellow R,T (105,
" No.Concho (105,119) (119)
" Sky Harbor (105,119)
San Antonio,Alamo R,T
" Bexar Co. (109) (123,
" Brooks T (109) 109)
" Davis (109)
" Hurt (109)
" Kelly R,T (123,109)
" Lake (109)
" Leon Valley (109)
" Martindale #4 (109)
" Mission (109)
" Randolph R,T (123,109)
" Stinson T (119)
" Yates (109)
San Benito (121)
Sanderson Land.Strip (119)
San Marcos R,T (123)
" Int. (123)
Sayers,Craigg (109)
Schulenburg (123)
Seguin (109)
" #1 (109)
" Schneider (109)
Seminole (105,119)
Seymour (105)

Sherman (107)
" Gaskin (107)
" Perrin (107)
Sierra Blanca (103)
Simms (107)
Sinton (121)
" Community (121)
Soncy FM (79)
South Plains T (105)
Spearman (79)
Spring Branch FM (123, Spur (105) 109)
Stamford (105)
" Arledge (105)
Stanton FM (119)
Stephenville (105,107) (107)
Sulphur Spgs FM,A H
Sweetwater,Avenger (105,
Taft-Worsham (121) (119)
Taylor (123)
Teague,Gage (107)
Temple,Draughon-Miller (123)
" Woodson (123)
Terlingua (119)
Terrell, Mun. (109)
" Wallace (109)
Texan,Parker (105)
Texarkana (111)
Texas City-Gulf Coast
Texhoma (79) (125)
Tulia (79)
Turkey (81)
Twitty (81)
Tyler R (107)
" Pounds (107)
" Stewart (107)
Uvalde,Garner (123,119)
Van Horn (103,119)
" Culberson Co. (103,119)
Valasco,Brasosport (125)
Vernon (81)
" Int. (81)
" #1 T (23)
Victoria (121)
" Aloe AAF (121)
" Aloe #10 (121)
" Foster (121)
" Foster #4 (123)
Waco A,R (107)
" mun. (107)
" Blackland #1 (107,123)
" Newland (107,123)
" Riesel (107,123)
Waldron (121)
Waxahachie A,FM (107)
" Ellis Co. (107)
Weatherford A,FM (109)
" Parker Sky Camp (109)
Webster FM (125)
Wellington (81)
Weslaco,Mid-Valley
Westbrook (105,119) (121)
Wharton (125)
Wichita Falls R (105)
" Gilchrist (105)
" Holman (105)
" Sheppard/Kell (105)
Wills Point (107)
Wink A,R (105,119)
Winters (105,119)
Wolfe City (107)
Yoakum A,H (123,109)
" **Int** (123,109)
Zuehl #6 (109)

UTAH

Beaver (75)
Bountiful,Sky Haven (23)
Brigham (23)
Bryce Canyon (75)
Cedar City (75)
Corinne FM (23)
Delta A,H (23)
Duchesne (23)*
Dugway (23)
Enterprise R,A (75)
Ephraim,Manti-Ephr.
Fairfield R,A (23) (23)
Fillmore (75)
Goulding Trading Post
" Monument Val'y (77)
Grantsville (23)
Hanksville R,A (77)
Huntsville FM (23)
Hill T (23)
Knolls (23)
Layton FM (23)
Logan,Hillcrest (23)
" Logan-Cache Co. (23)
Low Flgt Strip (23)
Lucin R,A (23)
Midvale (23)
Milford R,A (75)
Mt. Pleasant (23)
Myton (23)*
Nephi (23)
Ogden R,A (23)
" Hill T (23)
" Hinckley T (23)
Price,Carbon Co. (23)
Promontory Pt. (23)
Provo (23)
Richfield (75)
Riverton R (23)
Roosevelt (26)
St. George A,R. (75)
" Int. (75)
Salt Lake City R (23)
" #1 T (23)
Salt Lake #2 (23)
" Utah Central (23)
Sandy,Alta (23)
Spanish Fork (23)
Timple FM (23)
Tooele (23)
" Dugway (23)
Vernal (new) (26)
" (old) (26)
Wendover R,T (23)

VERMONT

Bennington (51)
Berlin,Barre-Montpelier (18)
Bristol (18)
Burlington R,T (18)
Fair Haven (51)
Grand Isle FM (18)
Huntington FM (18)
Manchester,Equinox
Montpelier R (18) (51)
Newport (18)
Rutland,MacArthur (51)
St.Johnsbury,Brown (18)
Springfield,Hartness
Swanton,Austin (18) (51)
Vergeness FM (18)
White **River** Junction
" **Twin State** (51)

VIRGINIA

Alberta (95)
Alexandria FM (65)
" Beacon (65)
" Crossroads (65)
" Hybla Valley (65)
Altavista (93)
Annandale,Springfield
Arcola R (63) (65)
Bedford (93)
Big Stone Gap,Powell (91)
Blacksburg, V.P.I. (93)
Blackstone A,R (95)
Bristol (91)
Cape Charles
" Dixie Holland (95)
Charlottesville, Univ. of Va. (61)
Chester FM (63)
" Midway (63)
Chilhowie FM,A (91)
Chincoteague T,R (63)
Clarksville-Finchley
Clover (93) (95)
Covington-Clifton (61)
" Clifton Forge (61)
Creeds (95)
Dahlgren NAF T (63)
Danville A,H (93)
Dawn FM (63)
Deep Creek FM (95)
Drivers,Monogram (139)
Eclipse (95)
Emporia (95)
Falls Chruch (65)
Farmville (95)
Fentress (139)
Franklin (139)
Fredericksburg
" Shannon (63)
Front Royal R (61)
" Stokes (61)
Galax (93)
Gordonsville A,R (61)
" Int. (61)
Greys Pt.,Hummel (63)
Hampton,Peninsula (139)
Harcum (63)
Harrisonburg,Hartman
Herndon FM (63) (61)
" Blue Ridge (63)
Hopewell (95)
Hot Springs,Ingalls (61)
Langley R,T (139)
Lawrenceville (95)
Leesburg (63)
Lexington (61)
Lively (63)
Lynchburg R (61,93)
" Preston Glenn T (61,
" Timberlake (61) (93)
Manassas (63)
Martinsville (93)
" Lester (93)
Melfa Fgt Strip (63)
Milford (63)
Monogram (139)
Montvale,Buford's (61)
Mt. Vernon FMH,FM (65)
Narrows (61)
Norfolk R,T (139)
" Glenrock (139)
" NAS,Chambers (139)
" NAS,East **R,T** (139)
" **South Norfolk** (139)
Oceana T (139)
Ononcock,Johnson (63)
Orange Co.(Orange) (63)
Parksley (63)
Petersburg (95)
" Colonial Hgts (95)
Portsmouth,Cumberl'd
Pulaski R,A (93) (139)
Pungo (139)
Quantico R,T (65)
Richlands (91)
Richmond R (63)
" AAB T (63)
" Central (63)
" Hermitage (63)
" Northfield (63)
Roanoke R (93)
" Woodrum T (93)
Shenandoah (61)
Staunton (61)
Suffolk (61)
Tappahannock (63)
Virginia Beach (139)
Warrenton,Zieger (63)
Waverly (139)
Waynesboro,Augusta
" Valley (61) (61)
Weems,Currell's (63)
Weirwood,Kellam (63)
West Point (63)
Williamsburg,Scott (95)
" Wm & Mary (95)
Winchester (61)
Windsor,Garner (139)

WASHINGTON

Aberdeen,Moon Isl. (2)
Almira, "JZ" (3)
Arlington (2)
Auburn (141)
Bellevue,Mercer (141)
Bellingham (2)
Blaine (2)
Bothell,Kenmore (2)*
Bremerton,Kitsap Co. (141)
Burlington,Skagit Valley Air Svc. (142)
Camano Island FM (2)
Camas,Groves (141)
Chehalis,Co.-City (2)
Chelan (3)
Cheney,Savage (3)
Chewelah,Hafer's Ranch (3)
Clarkston,Asotin Co.
Cle Elum (2) (3)
College Place (3)
" Martin (3)
Colville (3)
Connell (3)
Coulee City (3)
Coupeville (2)
Davenport (3)
Deer Park (3)
Dungeness FM (2)
Easton FM, A (2)
East Sound,Orcas Isl.
Ellensburg R (2) (2)
" Bowers (2)
Enumclaw (143)
Ephrata A,R (3)
Everett A,R (2)
" Paine (2)
Forks (2)*
Geiger (3)
Goldendale (2)*
Harrington FM,A (3)
Huntsville,Touchet Valley (3)
Hobart FM (2)
Ilwaco (2)
Issaquah,Seattle Sky Ranch (141)
Kelso (2)
Kennewick,Twin City (3)
" Vista (3)
Kent (141)
Kittitas,Cameron (2)
La Center **FM** (2)
La Crosse (3)
Lakeview **FM** (2)
Lind (3)
McChord **R,T** (141)
Mead,Wallace (3)
Metaline **Falls-. Sullivan** Lakes (3)*
Moses **Lake** (3)
Mt. **Vernon**,Barker & **Dean** (2)
" OLF T (2)
Neah Bay R (2)
Newport (3)
North **Bend**,Snoqualmie **Pass** (2)
Okanogan-Legion (3)
Olympia (2)
Omak,Okanogan (3)
Opportunity,Lemen (3)
Orchards,R.C.Sugg (141)
Oroville,Scott (3)
Pasco (3)
Pateros,Anderson (3)
Port **A**ngeles CGAS T (2)
" **C**lallam Co. (2)
Port Orchard,South Port Orchard (2)
Port Townsend,Co-City
Prosser (3) (2)
Pullman-Moscow Reg. (3)
Puyallup (141)
" Northern Tacoma (141)
Quillayute (2)
Renton,Boeing-Renton (141)
Republic,Fairweather (3)*
Richland **Air Base** (3)
Ritzville (3)
Rosalia (3)
Seattle **R** (141)
" **NAS R,T** (141)
" **Boeing T** (141)

" Seattle-Tacoma (141)
Shelton (2)
Snohomish (2)
Spanaway,Forest Grove
" Acft Co. (141) (141)
Spokane R (3)
" AAF T (3)
" Calkins Air Term. (3)
" Felts T (3)
" Geiger (3)
Sprague (3)
Stevenson FM (2)
Sunnyside (2)
Tacoma (141)
" Arpk (141)
" **Barrys** Sky **Harbor** (141)
" **City View** Arpk. (141)

(85)-Page number of chart on which these facilities are inscribed; *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. U.S. Navy facility locations listed below black line.

Port Isabel,Tex (114) Ray Lake Mun.,Tex (105,119) Beacon,Tex Parker (119) Richmond,Va. (65) Rivers R (111) Jonesboro,Texas R (111)
Cleveland, Texas R (111)

Tacoma,Lakewood(141)
" McChord R,T (141)
Toledo-Winlock (3)
Tonasket (3)
Toppenish (2)
Twisp (2)
Vancouver (141)
" Mun. (141)
Vista (3)
Walla Walla R (3)
"AAF T (3)
Washougal FM (2)
Wenatchee,Pancher(2)
" Pangborn (2)
Westport (2)
Whidbey Island R,H,T(2)
Wilbur (3)
Winthrop,Intercity(2)
" Pasayten (2)
Woodland FM (2)
Yakima R (2)
" County T (2)

[redacted]

Beckley, Scott (59)
Buckhannon,Lewis (61)
Bunker Hill,Ridgeway (61)
Burlington,Baker (61)
Charleston R (59)
" Bollinger (59)
Clarksburg,Benedum (61)
Elk Garden (61)
Elkins A,R (61)
Glendale (61)
Greenbrier (61)
Hinton (61)
Hollidays Cove
" Weirton (61)
Huntington R (59)
Logan (59)
Marlinton (61)
Martinsburg A,R (61,63)
" North End (63)
Moorefield (61)
Morgantown A,R (61)
New Cumberland,Herron (61)
Parkersburg,Stewart
" Wood Co. (59) (59)
Paynesville H (59,107)
Pence Spgs, Hinton
Alderson (61)
Petersburg (61)
Princeton (59)
Ravenswood (59)
Romney (61)
Ronceverte (61)
Spencer,Roane Co. (59)
Sutton (61)
Terra Alta,Forman(61)
Weston,Bennett (61)
Wheeling-Ohio Co.R(61)
White Sulphur
" Greenbrier AAF(61)
Williamson,Morris(59)
Winfield,Clark (59)

[redacted]

Amery (14)
Antigo (15)
Appleton,Outagamie (15)
Arbor-Vitae (15)*
Ashland (14)
Baraboo,Bell-Aero (41)
Beaver Dam (41)
Black River Falls
" Jackson Co. (14)
Bloomer,Pines (14)
Boulder Jct.,Jefferson (15)
Boyceville (14)
Brodhead,Bill's (41)
Camp Douglas-
Camp Williams (29)
Camp McCoy (29)
Cedarburg, Grob (41)
Chetek (14)
Chippewa Falls (14)
Clintonville (15)
Colby-Abbotsford (14)
Dallas (14)
Darlington,Red Rock (29)
De Pere, Nicolet (15)
Durand,Schlosser (14)
Eagle River (15)*
Eau Claire (14)
" (Mun.) (14)
Elkhorn (41)
Fifield,Boyd's Mason Lake (14)*
Fond du Lac (41,15)
Genesee FM (41)
Green Bay,Brown Co. (15)
" East Side (15)
Green Lake (15,41)
Hales Corner, Wisconsin Skyways (41)
Hayward (14)
Hudson Fly. Svc. (14)
Janesville City (41)
" Rock Co. (41)
Kenosha A,FM (41)
Kohler (15, 41)
La Crosse A,R (29)
" Int (29)
Ladysmith,Rusk Co.(14)
Lake Delton, Wisconsin Dells Lake Delton(41)
Land O'Lakes, King's Gateway (15)
Lone Rock R,A (29)
Madison R (41)
" Morey (41)
" Four Lakes (41)
" Truax (41)
Medford,Taylor Co.(14)
Manitowoc (15)
Manitowish,Northern(15)
Marshfield (14)
Merrill (15)*
Milwaukee R (41)
" Brown Deer (41)
" Curtiss-Wright (41)
" Mitchell T (41)
" Skyhaven (41)
" Maitland (41)
Monroe,Badger (41)
Neenah,Val'y Arwys(15)
Neillsville (14)
Oconto Falls (15)
Omro, Ginnow (15)
Oshkosh
" Winnebago Co.(15,41)
Phillips (14)
Phillips, Price Lake (14)
Plymouth,Sky Village (15, 41)
" Chaplin (15, 41)
Portage,Mael (41)
Pulaski, Kubiak's (15)
Racine,Horlick-Racine (41)
Rhinelander (15)
Rice Lake (14)
" Arrowhead (14)
Richland Center (29)
Shullsburg (29)
Shawano (15)
Sparta,Sparta-Angelo (29)
Spooner (14)
Stevens Point (15)
Sturgeon Bay
" Cherryland (15)
Sturtevant, Air City(41)
Superior, Richard Bong (14)
Three Lakes (15)
Tomah (29)
Tomahawk (15)*
Washington Island(15)*
Watertown (41)
Waukesha Co. (41)
Waupaca (15)
Waupun (41)
Wausau, Alexander(15)
" Wisconsin Val'y (15)
West Bend Fly.Svc.(41)
Whitewater (41)
Wisconsin Rapids-
Nepco Tri-City (15)

[redacted]

Afton (23)
Archer LFM (27)
Basin (7)
Big Piney (23)*
Buffalo (7)
Casper R (26)
" AAF T (26)
" Casper Central (26)
" Wardwell (26)
Cheyenne R,T (31)
Cody (7)
Cokeville (23)
Cowley, Cowley-
Lovell-Byron (7)
Douglas A,H (26)
Dull Center,Hoadley(27)
Egbert FM (27)
Evanston (23)
" (new) (23)
Fort Bridger R,A (23)
Gillette Arpk (7)
" Mun. (7)
Greybull (7)
Jackson (23)
Kemmerer (23)
Lander (26)
Laramie R (31)
" General Brees (31)
Lingle (27)
Lusk (27)
Meadows FM (27)
Medicine Bow (31)
Midwest FM (26)
New Castle, Mondell(27)
Parkerton FM (26)
Pine Bluffs (31)
Pinedale (26)
Point of Rocks FM(26)
Powell (7)
Rawlins (31)
Riverton (26)
Rock Springs (new)(26)
" (old) (26)
Saratoga (31)
Sheridan R,LFM (7)
" Sheridan Co. (7)
Silver Crown FM (26)
Sinclair R,A (31)
Sussex (26)
Thermopolis (26)
Torrington (27)
Ucross FM (7)
Wamsutter (31)
Wheatland (27)
" East Side (27)
Worland (26)

INDEX LEGEND

A - Airport with an associated radio facility identically named
FM - Fan marker
R - Non-directional radio beacon
K - Independent compass locator station
T - Airport with control tower

*-Facility listed on data pages but not charted.

N.B. All facilities without a letter suffix are airports. Names not followed by a number suffix are not airports but merely geographical locations.

(65)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Jefferson, Wis. (41)

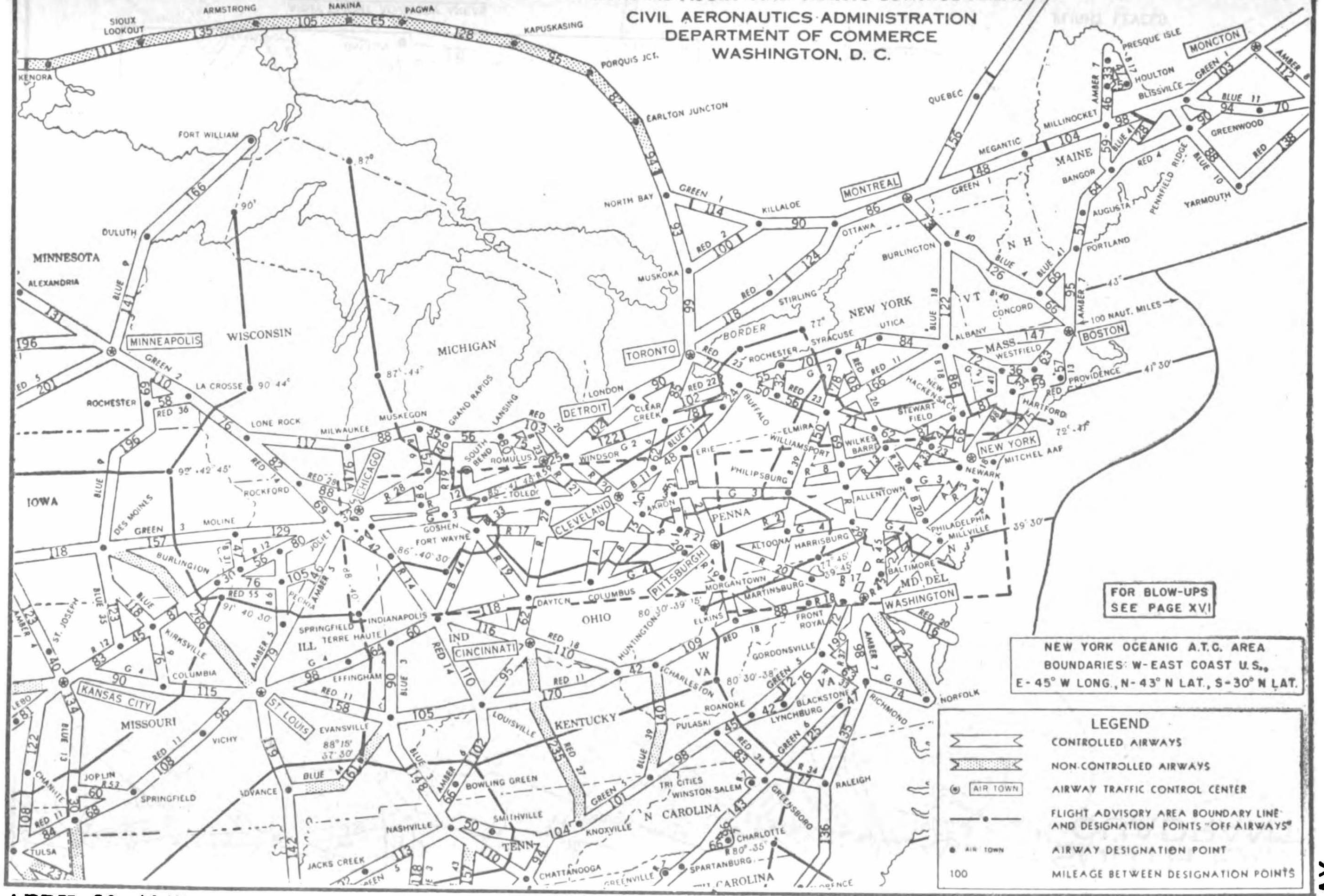
NORTH EAST QUADRANT

CIVIL AIRWAYS AND MILEAGE CHART

INCLUDING UNITED STATES AND CANADIAN

FLIGHT ADVISORY AND TRAFFIC CONTROL AREAS

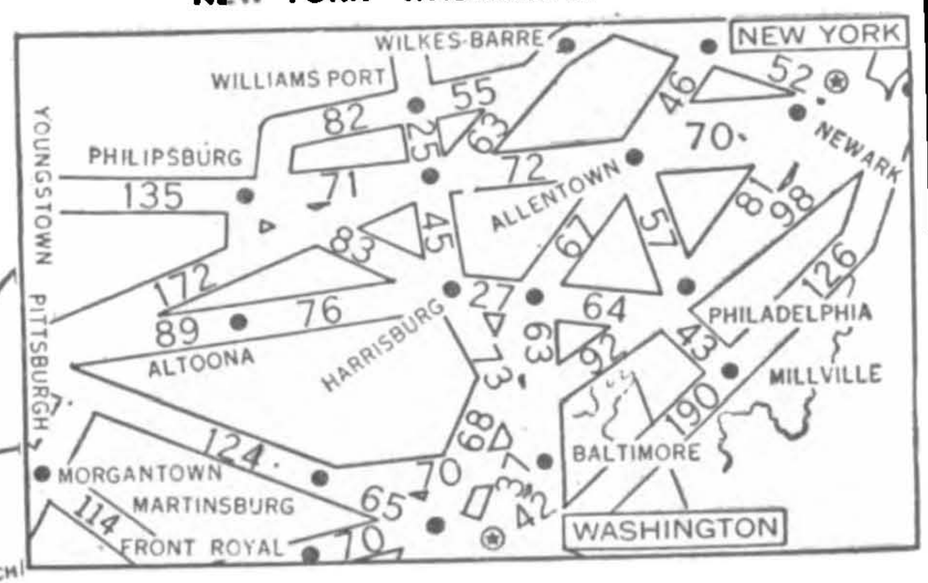
CIVIL AERONAUTICS ADMINISTRATION
DEPARTMENT OF COMMERCE
WASHINGTON, D. C.



APRIL 29, 1947

SOUTH EAST QUADRANT

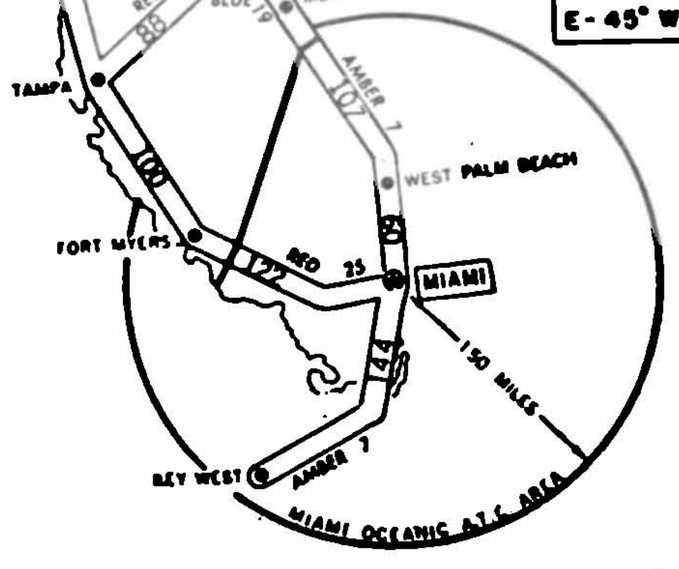
NEW YORK–WASHINGTON AREA



CHICAGO–PITTSBURGH AREA



NEW YORK OCEANIC A.T.C. AREA
BOUNDARIES: W-EAST COAST U.S.,
E-45° W LONG., N-43° N LAT., S-30° N LAT.



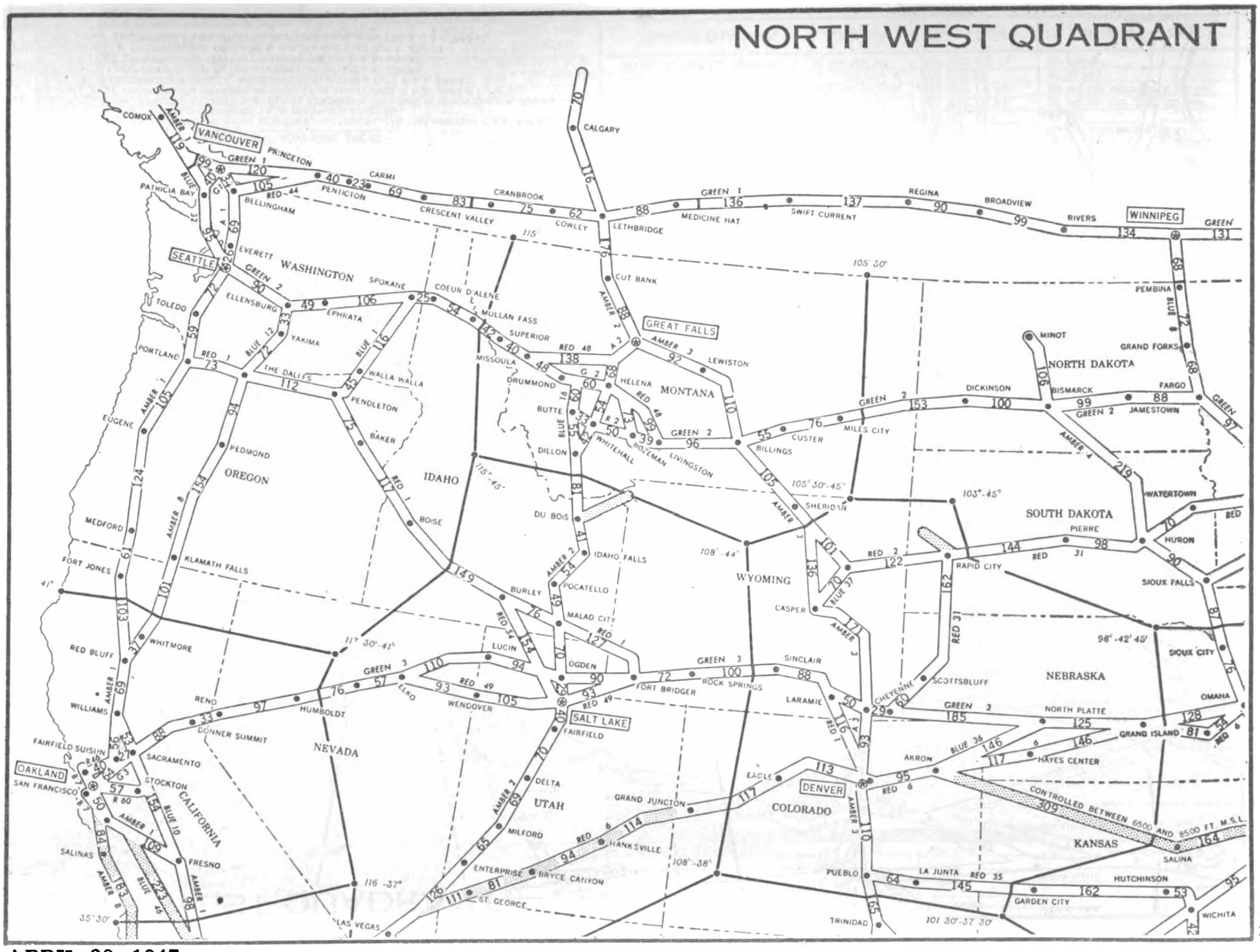
ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
MacDILL FIELD ENCOMPASSES JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES DETROIT, CLEVELAND, CINCINNATI, ST. LOUIS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. AREAS
LOWRY FIELD ENCOMPASSES DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. AREAS
FORT WORTH ENCOMPASSES SAN ANTONIO, & FORT WORTH C.A.A. AREAS
McCHORD FIELD ENCOMPASSES SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

FLIGHT LEVELS

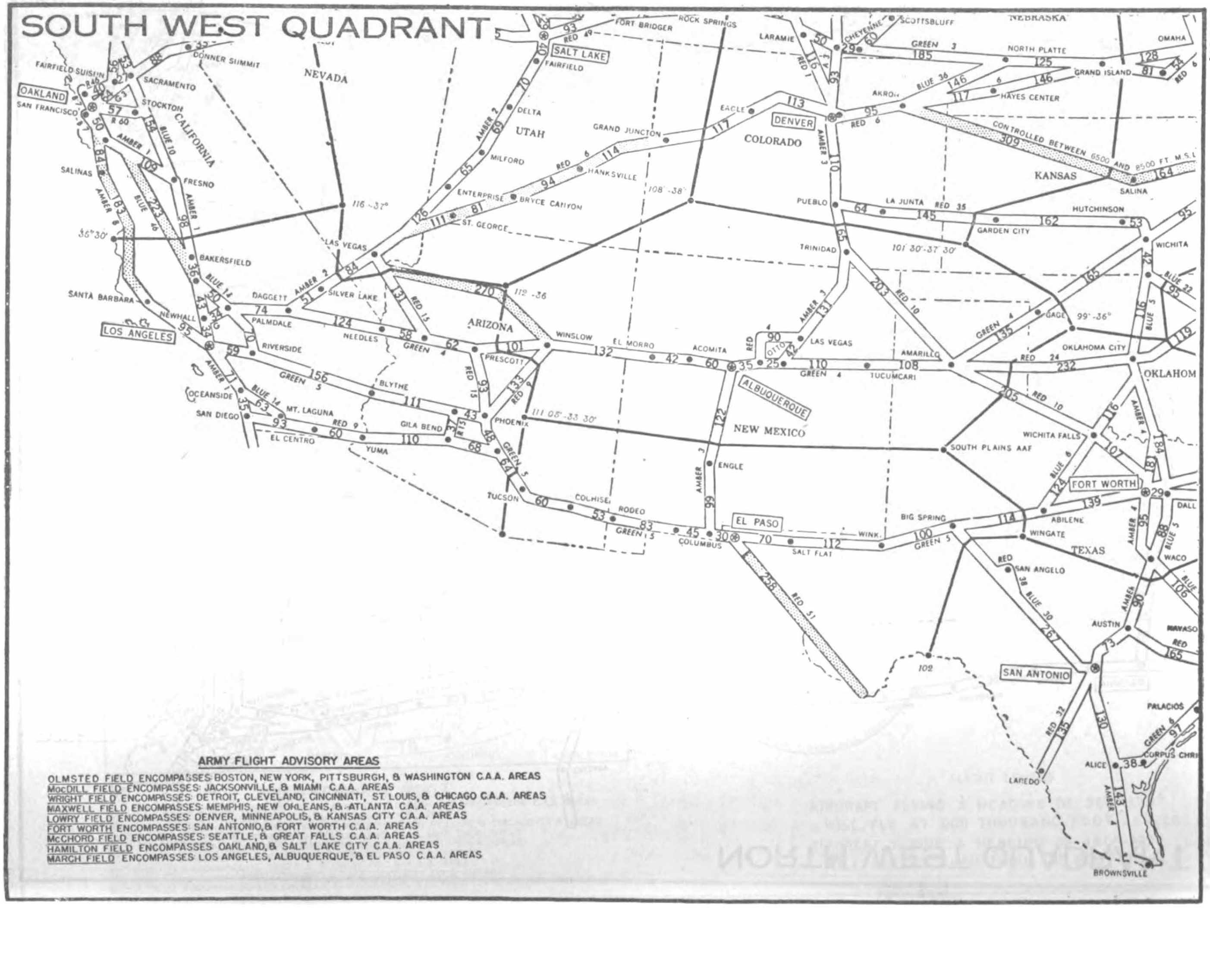
AIRCRAFT FLYING A HEADING OF 360°-179°
WILL FLY AT ODD THOUSAND FOOT LEVELS
AIRCRAFT FLYING A HEADING OF 180°-359°
WILL FLY AT EVEN THOUSAND FOOT LEVELS

NORTH WEST QUADRANT



APRIL 29, 1947

SOUTH WEST QUADRANT



ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
MacDILL FIELD ENCOMPASSES: JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES: DETROIT, CLEVELAND, CINCINNATI, ST. LOUIS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES: MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. AREAS
LOWRY FIELD ENCOMPASSES: DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. AREAS
FORT WORTH ENCOMPASSES: SAN ANTONIO, & FORT WORTH C.A.A. AREAS
McCHORD FIELD ENCOMPASSES: SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES: OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES: LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

RADIO — OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASTORIA (Clatsop)	323 (KAPR)	MRLZ; 99°, 6.9	3105, 6210 (7-17) Oper by Port of Astoria.
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU) (116.1)	SBRAZ-DTV, 150°, 4.5	(4); 116.1 (ILS-W)
PORTLAND (AAB)	332 (PD) (vhf)	SBRAZ-DTV, 171°, 3.1	(3); 116.1, 122.1
REDMOND (Roberts)	368 (RG) (116.1)	SBRAZ-DTV; 101°, 4.3	(4); 116.1
THE DALLES	230 (ND) (116.1)	SBRAZ-DTV, 251°, 2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3); 142.74 (8-sunset later on req)
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland
WASHINGTON			
BELLINGHAM	209 (JJ) (116.1)	SBRAZ-DTV, 114°, 2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
ELLENSBURG (Bowers)	385 (EB) (vhf)	SBMRAZ-DTV, 270°, 2	(4); 116.1, 122.1
EVERETT (Paine)	224 (MI) (vhf)	BMRLZ-DTV, 330°, 3.1	(4); 116.1, 122.1
HOBART FM	(- -)	FM, 88°, 15	Seattle
LA CENTER FM	(- - - -)	FM; 331°, 12	Portland, Oreg.
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma) (Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105, 4495; 126.18, 142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105, 4495; 142.74 (8-1630)
SEATTLE (King County)	260 (SA) (116.1)	SBRAZ-DTXV; 296°, 2.8	(3); 116.1, 122.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Int.)	239 (GL) (116.1)	BMRLZ-DTV, 236°, 2.8	(4); 116.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74, 126.18)	CN (GCA); 303°, 3.3	(3); 142.74, 126.18. Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3); 3155; 142.74 (24 hrs advance notice)
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.
YAKIMA	320 (YA) (vhf)	BMRLZ-DTV	(3); 116.1, 122.1
Yakima Co. Airport	278 (118.5)	C; 267°, 4.7	(4); 118.5, 122.5, 142.74

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
MAHLON SWEET (L6)	109.9	333.8	159°	IM-	MM- ·-·- (0.63)	OM- -- (4.5)	
					MMK-		OMK-

S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker: (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW; RR E	267	33 S4	80 oct.
Albany	2.5 NE; RR NW	235	26 S6	73, 80 oct. Poles W, SW.
* Arlington Int, 12B, PD-SM	1.4 ENE; riv NW	872	50 L3	
Bend	5.5 ENE; hwy S	3429	40 S6	80, 91 oct. Pwrline SE. Use strips.
Clatsop Co. (Astoria)	3.5 W; riv E	10	57h R1	
Coastway School of Aeronautics (Tillamook)	1.4 E; hwy W	55	29 S2	80 oct.
(P) Corvallis	4.9 SSW; RR E	235	52h S6	80, 91 oct.
Corvallis Junction	1.3 NNE; RR W	240	20 S6	80, 91 oct. No sto.
Dallas	1.2 N; RR S	400	23 S1	80 oct. Poles WSW.
Eugene Airpark	1.6 SW; rd W	420	28 S6	73, 80 oct.
Harrisburg	2 NNE; RR E, W	300	25 S1	80 oct.
Hood River	2.5 S; riv E	605	19 S1	Ltd fuel lgt acft only.
Langmack (Sweet Home)	2 E; hwy N	550	24	80 oct. Poles W.
Lebanon	1.3 SW; RR E	340	21 S4	80 oct.
(A) Madras (A)	2 NNW; RR SE	2420	74h	CLOSED.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page iv) NC-(not charted) → NEW OR REVISED DATA

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
MAHLON SWEET (Eugene)	8 NW; RR NE	365	52h R3 L6	No tower.
McMinnville	3.1 ESE; hwy W	156	50h S4	80, 91 oct.
(P) McNARY (Salem)	2.2 SSE; RR SW	207	55h L5 S4	80 oct.; 91 oct. emerg. No sto.
(P) Newport	4 S; ocean W	160	51h L5 S4	80 oct. No sto. Lgts on req.
Prineville	2.9 SW; hwy SW	3240	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW; RR E	195	23 S1	80 oct. Cattle on fld.
(P) Roberts (Redmond)	1.5 SE; hwy N	3075	70h L S6	80, 91 oct. Range & obst lgts on req.
Santiam Junction Flight Strip (Idanha) (NC)	21.5 SSE; hwys N	4000	30	Trees W, E.
Sky Haven (Brooks)	See Sky Acres under "New Airports" - name changed.			
(P) The Dalles	1.7 NE	239	51h R1 L5 S6	80, 91 oct.
(N) Tillamook NAS (N)	3 SE; riv N	35	50h R2 L5 S4	91 oct. Used by LTA, HTA.
Vernonia (NC)	2.4 WSW; riv S	620	29	
Wasco	0.4 E; RR SW	1420	18 S1	Ltd 80 oct.
Willametto Arpk. (Eugene)	4.8 W	420	25 S1	80 oct.
WASHINGTON				
(N) Arlington Aero. School	3 SW; hwy W	129	50h L5 S6	91-100 oct. Rnwy lgts prior req.
Barker & Dean (Mt. Vernon)	2.2 S; RR, riv W	4	20 S4	73, 80 oct. No sto. Trees NW.
(P) BELLINGHAM	4.5 NW; hwy E	158	50h R1 L5 S4	80, 91, 100 oct. Fld lgts prior req.
Blaine	0.5 E; RR W	15	18 S1	80 oct. ARPT OF ENTRY.
(P) Bowers (Ellensburg)	2.5 NE; hwy S	1767	59h R1 L5 S6	80, 91 oct. Ctc lgts prior req.
Cameron (Kittitas)	0.5 N; RR S	1650	26 S2	80 oct.
(P) Chehalis Co.-City	0.6 NW; RR E	174	50h S6	80 oct. No sto.
Clallam Co. (Port Angeles)	2.9 WNW; RR NW	290	52h S2	80 oct.
Cle Elum	2.4 E; hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW	110	33 S2	80 oct. Pole lines ESE, WNW. ARPT CLOSED. OF ENTRY
(N) Coupeville OLF (N)	2 SE	193	54h	
* Easton Int, 5B, SA-HL	1.7 NNW; RR SW	2221	30 L2	Trees, mtns WNW.
Everett	2.7 NNE; riv N	15	21 S4	80 oct. 30' hangar W
(P) Fancher (Wenatchee)	2.5 NE; riv W	1440	33h L3 S6	80 oct. Fld lgts prior req.
Forks (NC)	1 SW; rd S	286	23	75' trees E. HAZARDOUS.
Goldendale (NC)	0.6 SE; RR W	1600	20	Pole line E, SE. Ditch center. HAZARDOUS.
Ilwaco	1.5 ENE; riv S	8	20 S2	80 oct.
Intercity, USFS (Winthrop)	4 SSE; riv SW	1650	32 S1	73, 91 oct. Mtns SE.
Kelso, 61A, SF-SA	1.4 S; RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW; rd E	420	17	12-14' brush NNE, SSW.
(P) Moon Island (Aberdeen)	6 W; harb N, S	14	50h L5 S6	80, 91 oct.
(N) Mount Vernon OLF (N)	5 NW; RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S; hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound)	0.7 N; hwy E	25	24 S2	80, 91 oct.
(P) Paine (Everett)	6.5 SW; hwy NE	598	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3 ESE; hwy S	1246	46h L5	Contact lgts prior req.
Pasayten, USFS (Winthrop) (NC)	38 NW; riv E	4250	28	Use in emerg. only. Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91, 100 oct. Lgts prior req.
Quillayute	0.7 NNW;	195	50h	8 mi. W of Forks.
(N) Shelton NAAS (N)	2.5 NW; hwy ENE	278	52h	Tower NW. INACTIVE
Skagit Valley Air Svc. (Burlington)	0.7 S; RR E	35	20 S1	80 oct. Stack N.
Snohomish	0.9 SW; RR N	16	30h S6	80, 91 oct. Rnwy data unver. Poles ESE
Snoqualmie Pass (North Bend)	3.5 ESE; hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo-Winlock Int, 63B, SF-SA	3 NE; hwy W	371	51h R1 L3 S2	80, 91 oct.
Toppenish	3.2 SSW; hwy E	835	32 S5	80 oct.
Twisp	1.9 SE; riv S	1620	19 S1	80 oct. Trees, hills WNW.
Westport (NC)	0.5 N; harbor E	5	18 S1	80 oct.
(N) Whidbey Island NAS (N)	3 NW Oak Harbor	17	70h R2 (L6) S2	91, 100 oct.
YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	73, 80, 100 oct. Pole line S.
NEW AIRPORTS				
→ Sky Acres (Brooks, Ore.)	1.6 NE; RR	180	20 S1	Ltd 80 oct.

2 SEATTLE

O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA

FOR DETAILS IN THE PORTLAND AND SEATTLE AREAS SEE CHART 141

TO EPHRATA

SPOKANE 3

TO PENDLETON

OVER

(MEDFORD 19)

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

R EXTREMELY HAZARDOUS U USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS

DOROTHY SCOTT
TONASKET
COLVILLE
OKANOGAN No 1
OKANOGAN LEGION
NEWPORT
SAN DPOINT
HAFER'S
DEER PARK
SPOKANE 365 (111.1 116.1)
COEUR D'ALENE 347 (116.1)
LIBBY
EUREKA
ANDERSON
CALKINS AIR TERMINAL
EPHRATA 269 (111.1 116.1)
CHELAN
DAVENPORT
FELTS 278 (118.5)
SPOKANE AAF 245 (126.1)
COEUR D'ALENE AIR TERMINAL
THOMPSON FALLS
WILBUR
COULEE CITY
EPHRATA
SAVAGE
GEIGER AAF
SPRAGUE
HARRINGTON
LEMEN
WEEKS
KELLOGG
ROSALIA
ST MARIES
MOSES LAKE AAF
RITZVILLE
TEKOA FLY CLUB
LIND
MULLAN PASS 206 (116.1)
TO ELLENSBURG
TO SUPERIOR
LA CROSSE
WASHTUCNA
PULLMAN MOSCOW REGIONAL
GREAT FALLS 6
WASH. S D.A.
WASH. B D.A.
CONNELL
ASOTIN CO.
OROFINO
TOUCHET VALLEY
WALLA WALLA 212 (116.1)
LEWISTON
GREAT FALLS SEATTLE
SUNNYSIDE
RICHLAND
NAS. PASCO
PROSSER
VISTA OLF
TWIN CITY
MARTIN
CRAIGMONT
KAMIAH
WALLA WALLA AAF 396 126.1 (8 MC)
SKY RANCH
WASH.
ORE.
PENDLETON 278 (118.7)
HERMISTON
BOARDMAN
OREGON SKY RANCH
IDAHO CO.
THE DALLES
CARBACE HILL
PENDLETON AWYS SER
ENTERPRISE
JOSEPH
LEXINGTON
PENDLETON 341 (111.1,116.1)
LA GRANDE
LA GRANDE 329 (116.1)
LA GRANDE
ORE. IDAHO
McCALL
BAKER 221 (111.1,116.1)
SEATTLE 2
JOHN DAY
BAKER
CASCADE
WEISER
SEATTLE SALT LAKE CITY
On request
ONTARIO 305
PAYETTE
PAYETTE
ONTARIO
BOISE 350
ELKO 22
OVER

RADIO AIDS

IDAHO

LOCATION	FREQ.. IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED. HRS. OF OPER.. REMARKS
COEUR D'ALENE (Air Term.)	347(IKO)(116.1)	BMRLZ-DTV;32°,5.2	(4);116.1
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.

MONTANA

MULLAN PASS	206(MN)(116.1)	BMRLZ-DTV	(4);116.1

OREGON

BAKER	221(BK)(vhf)	SBRAZ-DTV;116°,1.8	(4);116.1,122..
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE	329(IU)(116.1)	MHTV	(4);116.1
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
→ ONTARIO	305(OO)	MH	(4)
PENDLETON	341(PO)(vhf)	SBRAZ-DTV	(3):116.1 122.1
Pendleton Field	278 (118.7)	C; 247°, 2.3	(4):122.5,118.7

WASHINGTON

→ EPHRATA	269(EP)(vhf)	BMRLZ-DTV;336°,3.9	(4):116.1,122.1
FELTS (Spokane)	278 (118.5)	C;331°,1.2	(4);118.5,126.18,122.5
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
SPOKANE (Felts)	365(SM)(vhf)	SBRAZ-DTV	(3);116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-DTV	(4) :116.1
Walla Walla AAF	396(126.18)	CA ;182°,3.8	(4);126,18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cascade	1 E; rd N	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3700	23	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	21	Maintained May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;rd W	3295	44 S2	80 oct.20' pole line W.
Kamiah	0.6 SE;RR E	1194	28	Rough. Trees NNW.
★ Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	73 oct. 10' dike W.
↘ Landmark, USFS (Knox) (NC)	7.7 ESE	6680	15	Maintained June to Nov.
(P) Lewiston	2 S;riv NW	1426	50h L1	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S4	80 oct. Trees W.
Orofino	1.3 W,riv NE	1000	24 S1	80 oct.1000' mtns WNW, ENE.
Payette	2 NE;RR W	2200	35	Road crosses fld SE.
Priest River (NC)	0.9 NNW,RR S	2165	21	Trees E; hill W.
St. Maries	1.2 NW,hwy S	2132	23	
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S,riv W	2120	34 S6	80 oct.

MONTANA

Eureka	2.7 NNW,RR N	2680	27	Rnwy data unverified.
Libby, USFS	1 NE;riv S,E,W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.

OREGON

(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE,riv N	635	23 S1	80 oct.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE,RR SW	2713	47h R1 L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR S	1492	63h R2 L5 S6	80 oct for U.A.L.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
→ Pilot Rock	0.8 E,hwy N			ABANDONED.

WASHINGTON

Anderson (Pateros)	1.6 SSW;RR N	1100	16	Mtns NW
Asotin County(Clarkston)	0.6 N	760	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv E	1250	34	Hills W,N,S.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1150	40 S1	73 oct. 2000' mtn S.
→ Ephrata	2 SE,hwy NW	1258	73h R1 S6	80 oct. ARMY TMP INACT.CIVIL FACS.
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS.
→ Hafer's Ranch (Chewelah)	3.6 SSW;RR E			ABANDONED.
* Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	24 S1	80 oct. Posts NE.
Okanogan Flight Strip (Omak)	4 N	1298	47h	
(N) Pasco NAS (N)	2.8 NNW,RR E	402	47h	INACTIVE.
(P) Prosser	1.4 NW;riv SE	685	40 S6	80,91 oct. Trees W.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;RR S	800	30 S1	80 oct. Pwr line WSW.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	31 S1	80 oct. Pwr line SSW.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct, Trees,poleline WSW.
↘ Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
(N) Vista OLF (Kennewick) (N)	4.5 W;rivs NW	516	35h	CLOSED.
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2 L5 S6	73,91,100 oct
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities S-servicing (See page iv) NC-(not charted) → NEW OR REVISED DATA

GREAT FALLS

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388 (DZ)	SBRAZ-DT, 332°,1.7	(4)

MONTANA

ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL) (116.1)	SBMRAZ-DTV,319°,0.8	(4):116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4) 116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV) (116.1)	SBRAZ-DTV;327°,3.1	(4); 116.1
DILLON (Int.)	379 (DE)	BMRLZ-DT,167°,2	(4)
DRUMMOND (Int.)	296 (DR)(116.1)	SBMRAZ-DT,185°,1.3	(4);116.1
GREAT FALLS	317 (GT)	SBRAZ-DT	(3)
Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4);126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371(HL)(vhf)	SBMRAZ-DTV252°,1.9	(4):116.1,122.1
Helena Airport	278(118.9)	C	(4);118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224(LT)(116.1)	SBMRAZ-DTV;247°,2	(4);116.1
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308(MX)(vhf)	SMRAZ-DTV; 120°, 1.5	(4);116.1,122.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254(SP)(116.1)	BMRLZ-DTV;275°,0.1	(4);116.1
→ WHITEHALL (Int.)	284(WW)(116.1)	SBRAZ-DTV;183°,2.3	(4);116.1
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS

IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	73,80 oct.
Dubois, 23,S1-GT	0.8 SSE	5123	48 R1 L3	30° pole W.
Flying R (Lake)	2.8 SE;lake W	6630	34 S1	Ltd 73 oct.
Moose Creek,USFS (Red Riv,Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to Public
Salmon	4 S;riv W	4045	40 S2	80 oct,Mtns NE.

MONTANA

Basin Creek (Flathead Nat l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat l Forest)(NC)	24 NE Seeley Lake	4650	22	Closed to public
Black Bear (Flathead Nat l Forest)(NC)	26 SE Swan Lake	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25	(NC)
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S4	80,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;RR W	3810	39 S4	80 oct.
Condon (Flathead Nat l Forest)(NC)	19 E of Ronan	3690	27	
Conrad	1.1 W; creek S	3530	32 S1	80 oct.
(P) CUT BANK	3 SW;riv l E	3900	87h R1 L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6008	70h L2	
★ Dillon Int,32, SL-GT	4.6 ENE;riv 2 W	5238	38 R1 L3 S1	80 oct.

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int.44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2690	47h L2 S1	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR SE	2870	27	Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80-100 oct.
Gates Park,USFS(NC)	35 W Choteau	5400	26	Sur by mtns.Closed to public
Geraldine Mun.	0.5 S;RR NE	3200	17 S1	Ltd 73 oct.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
→ (P) GREAT FALLS	3 WSW; RR E	3485	70h R2 L5 S6	80,91 oct. ARPT. OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3459	89h R1 L5 S6	73.91.100 oct.JP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3186	38 L4 S6	80,91 oct. All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.Pole line S, Rnwy data unver
(P) HELENA	2.5 ENE;hwy W	3882	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.Poles NW.
Livingston	6 ENE;RR N,W	4656	62 S2	80 oct.
★ " Int,10.HL-Twin Cities	2 E;RR N	4603	40 R1 L3 S2	80 oct,Poles S.
Meadow Creek (Flathead Nat l Forest)	21 ESE Swan Lake	4000	22	(NC)
(P) MISSOULA COUNTY	5.3 WNW;RR N	3200	71h R1 L5 S4	80,91,100 oct. No flood lgts.
→ Plains	1.3 NNW; RR NE	2500	32 S4	80 oct.No sto.30' Poles NW,NE.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only Nov. thru April.
Rainbow Skyport (Gregson)	0.7 N;RR E,S	5030	40 S1	80 oct.
→ Schafer (Flathead Nat l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.
Seeley Lake (NC)	1.5 WNW;lake SE	4150	20	Trees NW.
Sheridan	1.5 SE;RR W	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat l Forest)(NC)	14 ENE Swan Lake	3800	22	
Stevensville	2 ENE;riv 2 W	3620	30 S2	80 oct.
★ Superior Int,36B,SA-HL	1 S; RR S,riv NE	2700	35 R1 L2 S1	80 oct.Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L2 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38	
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
(P) West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only
★ Whitehall Int.36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.

NEW AIRPORTS

Gardiner, Mont.	1 NNW;RR S	6200	22	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page IV) (NC)-Not charted. → NEW OR REVISED DATA

6 GREAT FALLS

R : EXTREMELY HAZARDOUS I : USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.

115° 114° 113° 112° 111° 110° 49° 48° 47° 46° 45° 44°

25 STATUTE MILES 0 25 50

QUARTER CIRCLE M.C. RANCH
CUT BANK 263 (116.1)
LETHBRIDGE
147
76
228
48
CUT BANK I
TOOLE CO.
CHESTER
AMBER 2
309
CONRAD
VALIER
6000
FLATHEAD CO.
KALISPELL
88
130
1000
197
CHOTEAU
FORT BENTON
GREAT FALLS MUN. 278(118.7,126.18)
GERALDINE
TANNER
GREAT FALLS 317
GREAT FALLS AAF 219(126.18)
TO MULLAN PASS
185
154
POLSON
MISSOULA 308 (116.1,111.1)
PLAINS
SUPERIOR
MISSOULA CO.
ALBERTON 15
CASCADE 20
10000
A 2
266
STANFORD 29
BELT 22
95
275
107
12000
185
166
CRAIG
34
RED 48
96
11000
40
22
HELENA 371 (111.1,116.1)
GEYSER
47°
HELENA 278 HC 118.9 HC
McDONALD PASS 18
GARRISON
SUPERIOR 254 (116.1)
HALE
9000
48
276
90
252
G 2
72
WINSTON 15
56
STEVENSVILLE
DRUMMOND
22
DRUMMOND 296 (116.1)
WHITE SULPHUR SPRINGS
BILLINGS 7
38
DEER LODGE
HAMILTON
334
99
358
280
TOWNSEND
SIXTEEN
LIVINGSTON 224 (116.1)
BUTTE
HOMESTAKE 21
WHITETAIL 16
54
73
139
GREEN 2
RAINBOW
279
95
172
50
GALLATIN
133
RED 48
43
46°
BUTTE 233 (116.1)
8000
256
78
247
RED 2
96
WHITEHALL
GREEN 2
67
247
13000
TO BILLINGS
SPOKANE 3
DILLON 379
333
WHITEHALL 284 (116.1)
SHERIDAN
LIVINGSTON
LIVINGSTON
MONT.
IDAHO
77
TWIN BRIDGES
BOZEMAN 329 (116.1)
319
313
257
GARDINER
SALMON
DILLON
MONT.
WYO.
GREAT FALLS
SALT LAKE CITY
329
12000
DELL
81
WEST YELLOWSTONE
FLYING "R"
CHALLIS
152
AMBER 2
13000
DUBOIS 388
DUBOIS
IDAHO
WYO.
73
253
332
IDAHO FALLS

OVER
SALT LAKE CITY 23

BILLINGS 7

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

(R): EXTREMELY HAZARDOUS (I): USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF CHART LIES IDENTIFY "B" QUADRANTS.

GREAT FALLS 6

BISMARCK 10

TO GREAT FALLS

TO DICKINSON

MINNEAPOLIS GREAT FALLS

LIVINGSTON 224

SALT LAKE CITY

DENVER

TO HIGHLIGHT

STATUTE MILES 0 25 50

110° 109° 108° 107° 106° 105° 108 30'

49° 48° 47° 46° 45° 44°

SCOBEY
CHINOOK
HAVRE CITY-CO.
HARLEM
MALTA AIRPK.
ETCHART
VALLEY CO.
GUSTAFSON-ANDERSON
WOLF POINT
FORT PECK
VINE
CIRCLE
JORDAN
DENTON
LEWISTOWN
FOREST GROVE
MOORE
LEWISTOWN 353 (116.1)
ROUNDUP
BILLINGS 400 (116.1)
CUSTER (W) 215
MILES CITY
MILDRED
HARLOWTON
LAVINA
CUSTER
NIBBE 25
GREEN 2
FORSYTH
MILES CITY 320 (116.1)
RAPELJE
BILLINGS 278 (118.7)
BIG TIMBER
247
67
COLUMBUS
PARK CITY 21
BILLINGS 6
ZELKA
BIG HORN CO
BONES BROS. RANCH
ST. XAVIER
RED LODGE
MONT.
WYO.
COWLEY-LOVELL-BYRON
POWELL
SHERIDAN CO.
SHERIDAN 2
UCROSS 17
SHERIDAN 239 (116.1)
CODY
GREYBULL
BASIN
BUFFALO
GILLETTE MUN.
GILLETTE ARPK.
CASPER 269
ROCK SPRINGS 26

RADIO — MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-DTXV	(3);116.1
Billings Airport	278 (118.7)	C(ILS-W);247°,1.3	(4);118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ;230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-DTV,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-DTV,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings
WYOMING			
SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1)	SBRAZ-DTV.298°,1.84);116.1	
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS	**110.3**	**336**	**253°**	IM-	MM- •-•-(0.6)	OM- --(4.3)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Signal Range and Voice, W Without Voice. 2 VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Big Horn Co.(Hardin)	2.3 ESE,riv W	3000	31	(NC)
★ Bigtimber Int,13A, HL-Twin Cities	2.5 SSW,hwy N	4450	43 L3	
(P) BILLINGS	2.5 NW,RR S	3612	57h R3 L6 S6	73,91,100 oct.
(P) Bones Bros.Ranch (Birney)	2 ESE,crk W	3500	29 S2	No fuel. ROUGH
(P) Chinook	2.8 NNE,rd W	2480	42	
Circle	1.3 E,RR N	2400	21	
(P) Columbus	1 ESE,RR N	3575	50 S1	80 oct. Poles W,E,NW.
★ Custer Int,25,HL-Twin Cities	2.3 E,riv NE	2868	42 L3	
Denton	2.2 SSW,RR N	3850	26 S4	73 oct.
Etchart(Tampico)	0.5 NNW,RR S	2100	29 S2	80 oct. Trees SE.
★ Forsyth Int,30,HL-Twin Cities	3 ENE,riv N	2722	30 L3	
Fort Peck	1.6 W,hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW,RR S	2040	26 S6	80 oct. Poleline E.
Harlem	2.3 NNE,RR E	2560	24 S2	80 oct.
(P) Harlowton	2 WNW,riv S	4400	29 S2	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Havre-City-County	4 WSW,lake E	2589	48h S4	80 oct. ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW,RR N	2950	24	
(P) Jordan	1.8 WNW,rd S	2637	40 S1	80 oct. Road W.
★ Lavina Int,44B,CX-GT	1 WNW,RR S	3496	39 L3	Use rnwys only.
(P) LEWISTOWN	2.5 SW,RRNW	4177	100h R1 L5S4	80 oct. Rnwy lgts on req.
(P) Malta Airpark	0.8 SW,RR N	2270	31 S4	80 oct. Shrubs NW. No sto.
★ Mildred Int,38, HL-Twin Cities	3.4 WSW,rd E	2535	37 L2	
(P) MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N,RR S	1970	33	
(P) Rapelje	1 SE,RR N	4030	38	
(P) Red Lodge	0.5 WNW	5600	29	ROUGH. Road N.
(P) Roundup	1.9 N,hwy S	3500	37	Hwy W.
★ St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W.
(P) Scobey	1 NW,RR S	2458	34 S1	80 oct.
(P) Valley County (Glasgow)	1.8 NNE,RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S,hwy W	2350	27 S1	80 oct.
(P) Wolf Point	3 E,riv S	1980	35 S2	80, 91 oct.
Zelka(Hardin)	2 W,hwy N	3002	18	
WYOMING				
Basin	2.5 NE,riv E	3775	34	Hills adj E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	80, 91 oct. Hwy E.
Cody	2 ESE,riv N	5084	47 S6	73,91 oct. Hill E; pole line S.
Cowley-Lovell-Byron (Cowley)	2 NNE,rd NW	4050	32	
(P) Gillette	5.2 NNW	4380	36 S2	73, 80 oct. Hwy E.
(P) Grey Bull	2 NW,hwy S	3900	44 S2	73 oct.
(P) Powell	8 NNW	5054	42 S2	73 oct.
(P) SHERIDAN COUNTY (Sheridan)	2 SSW,hwy E	3961	60h R1 L5 S6	80,91 oct.
NEW AIRPORTS				
Gillette Arpk.(Wyo.)	1.7 ESE,RR N	4650	25 S4	80 oct. Poles NW.
Moore, (Mont.)	0.5 E;RR N	4100	20 S2	73 oct.

RADIO

NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER.. REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-DTV,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-DTV,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O'Minot)	209 (UI)	BMRLZ-DT,301°, 3.4	(4)

SOUTH DAKOTA

PHILIP (Int.)	206(IL)	MHT	(4)
→PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1.122.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-DTV	(4);116.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
←SPEARFISH (Black Hills Airport)			DECOMMISSIONED

S-Simul. Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker; (3) 3105 4495, 6210 kcs, (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Baker	0.8 SSE,hwy N	2290	35 S2	80 oct.Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct.Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P)Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

→Beach	0.8 NNW	2814	30 S2	73 oct.Poles ENE.
(P)BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct.No sto.
→Bowman	1.5 W,RR N	3000	24 S2	80 oct.. -line N.
→Chandler(Williston)	3 W,RR SE	1877	31 S6	80 oct. Bldg N.FEE.
(P) Crosby	1 N,RR SW	1962	32 S2	80 oct.
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → New or revised data.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct.Data unver.
→Miller (Parshall)	5 SE,RR N	1950	20 S2	80 oct.Pole line N.
→Mohall	0.8 WNW,RR E	1650	26 S1	80 oct.Polelines S.
→New England	3NE;hwy W	2666	24 S6	80 oct. P-line W
→Parshall	1.2 S;hwy E	1970	22 S1	80 oct. P-line W
(P) Port O'Minot(Minot)	1.6 NNE, hwy W	1723	58h R1 L S6	80,91 oct.Port rnwy lgts. Pwr line SW.
→Rhame	1.5 SW,	3150	23 S1	80 oct. P-line S,SE,SW
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct.Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1905	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	80 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct.Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct.Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct.Data unver.
Wyman (Mott)	1 S,dam N		30 S1	80 oct.Data unver.

SOUTH DAKOTA

(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 S6	73, 91 oct.(Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct.Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct.Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct.Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct.No sto.Poleline N
PIERRE	3.5 NE,riv SE	1742	69h R1 S1	73 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3234	83h R2 L5 S4	73,91,100 oct.JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.

NEW AIRPORTS

Hettinger (N.D.)	1 NNW;RR S		28 S2	80 oct. Pole line N.Data unver.
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF ENTRY.

10 BISMARCK

R EXTREMELY HAZARDOUS O USABLE WITH CAUTION COMPULSORY REPORTING POINT ● NON-COMPULSORY REPORTING POINT ○ (ACCEPT BY ATC REQUEST)

105° 104° 103° 102° 101° 100° 49°

25 MILES 0 STATUTE

CROSBY ○ PORTAL

○ PLENTYWOOD

○ MOBALL

121 211

TOWNER ○ RUGBY ○

PORT O'MINOT

MINOT 209 •:-

WRIGHT

CHANDLER O WILLISTON

48°

PARSHALL ○ MILLER ○

SIDNEY O ○ WATFORD CITY

31 301

FARGO 11

NOTE: HEAVY LINES ON SIDES OF MAGS LEGS IDENTIFY 4° QUADRANTS

167 ↖

+ ILO

WASHBURN

○ GLENDIVE

DICKINSON 308 (116.1) -•-

BISMARCK 230 (116.1) •-•

GLEN ULLIN

47°

BEACH ○ GOLVA

WORTH

JUDSON 27

DRISCOLL 30

TO JAMESTOWN

MILES CITY 320 --•

6000 69 GREEN 2 256 80 5000

238 5000

153 100 99

NEW ENGLAND ○

DICKENSON

BISMARCK

BAKER ○

+ WYMAN

RHAME ○ ○ BOWMAN

347

46°

+ HETTING

MONT. N.D. S.D.

BILLINGS 7

○ MOBRIDGE

MINNEAPOLIS DENVER MONT. WYO. S.D.

45°

BLACK HILLS

NEWELL ○

165

BUSHMORE

RAPID CITY 221 (116.1) -•-

PIERRE 347 (116.1) -•-

GERONIME

HALLEY

RAPID CITY AAB 396 (126.18)

144 6000

RED 31 69

246 5000

PHILIP

PIERRE

On request

PHILIP 206 •-•

168 348

HURON

OVER 122 HIGHLIGHT A 2 10000 66

CHART 27

105° 44°

FARGO 11

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 6 QUADRANTS.

100° 99° 98° 97° 96° 95°
49° 48° 47° 46° 45° 44°

N.D. MINN.

ROLLA
LANGDON
CANDO
DEVILS LAKE
HARVEY
NEW ROCKFORD
MOHR
MATHENY
JAMESTOWN
DAWSON
BISMARCK
ASHLEY
ABERDEEN
BIEDENFELT
LISBON
ABERCROMBIE
HOMESTEAD
STATE SCHOOL OF SCIENCE
FERGUS FALLS
BRITTON
SISSETON
GRACEVILLE
ORTONVILLE
MILBANK
APPLETON
BENSON
WILLMAR
MADISON
MONTEVIDEO
W. W. HOWES
HOFER-KANNEGIETER
WATERTOWN
CARTHAGE
SMITTY SKY RANCH
FLANDREAU
BROOKINGS
MARSHALL
LAKE BENTON
WESTBROOK
REDWOOD FALLS
WADENA
PARK RAPIDS
DETROIT LAKES
CROOKSTON
ERSKINE-GUNTHER
THIEF RIVER FALLS
ALEXANDRIA
MORRIS
GLENWOOD

PEMBINA 260
GRAND FORKS 278
JAMESTOWN 344 (116.1)
VALLEY CITY
FARGO 365 (116.1)
WEST FARGO 6
FARGO 388 (118.7)
BISMARCK 230
ASHLEY (W) 206
ABERDEEN 329 (116.1)
WATERTOWN 382 (116.1)
HURON 353 (116.1)
ALEXANDRIA 239 (116.1)
WILLMAR 254 (116.1)
SIOUX FALLS 245

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

170 344 257 77 100 80 260 165 350 160 345 73 83 250 257 260 307 120 186 300 109 289 341 76 113 224 263 347 293 166 346 256 75 177 357 234

BISMARCK 10
MINNEAPOLIS 14

CHART 28

MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	**239(AE)(116.1)**	BMLZ-DTV,186°,2	(4); 116.1
BARNESVILLE FM	**(- -)**	FM, 127°, 26	Fargo, N.D.
WILLMAR	**254(IW)(116.1)**	SBMRAZ-DTV,357°,3.5	(4); 116.1
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-DTV	(3); 116.1
Fargo-Hector Arpt	388(118.7)	C, 260°, 0.9	(4);118.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-DTV,253°,1 5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5 5	Fargo.
WHEATLAND FM	(. . - - -)	FM, 260°, 25.5	Fargo.
ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1
HURON (W.W.Howes)	353(HR)(116.1)	BMRLZ-DTV,44°,2.7	(4);116.1
WATERTOWN	382 (WU)(116.1)	BMRLZ-DTV,256°,2.8	(4);116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80,91 oct.No sto.Fld lgts
Appleton	1.9 NNE,riv S	1010	34 S6	80 oct.No sto. on req.
→ Benson	2.4 NW	1031	22 S2	80 oct. P-line S,SE,SW
Crookston	3 NNW,RR N	875	30 S6	80 oct.No sto.Obst
Detroit Lakes	2.7 W,RR N	1392	35 S6	80 oct.No sto. sur fld.
Fergus Falls	4.3 W;riv E	1160	20 S6	80 oct.Poleline W
→ Graceville	0.8 WNW,RR S	1110	18 S1	80 oct.P-line S.
→ Madison	1 S, hwy W	1086	31 L3 S6	80 oct. P-line N,S,W.
(P) Marshall	1.5 W;RR S,E	1167	30 S6	80 oct.P-line S.
Montevideo	2.2 NNE;hwy W	950	25 S1	80,91 oct.P-line NW.
(P) Morris	2.7 WSW,RR N	1134	31 S2	80 oct.Trees,poleline NW
→ Ortonville	1 ESE,hwy S	1090	30 S1	80,91 oct.P-line SE.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct.
Redwood Falls	1.8 NE,riv NE	1025	25 S1	80 oct.Poleline SE,SW.
Thief River Falls	3.6 S, riv W	1110	25 S2	80 oct. Trees NW
Wadena	1 E,RR NW	1300	30 S4	80 oct.No sto.P-line S,NW
Westbrook	1 SE,hwy N	1500	18 S1	80 oct.
Willmar,16,HR-MP	1.5 W,RR E	1130	30 R1 L3 S6	80 oct.P-line E.

NORTH DAKOTA

Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2026	40 L3	
→ Cando	1.1 SW,RR E	1490	28 S4	80 oct.No sto.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	P-line W.
(P) Devils Lake	2.5 W,hwy S	1450	46h L S6	80,91 oct.Port lgts on req.
(A) FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91 oct;100 oct,JP-1 Army
(P) GRAND FORKS	2.6 WNW,RR S,E	837	49h R1 L5 S6	80,91 oct.ARPT OF ENTRY.
→ Harvey	1.9 N,RR SW	1605	27 S1	80 oct.
→ Homestead(Wyndmere)	6.2 N,hwy W	1100	16 S1	80 oct.Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
→ Langdon	1 W	1608	24 S1	80 oct.P-line N,NW.
Lisbon	0.8 SSW,RR SE	1151	21 S1	73 oct.Polelines N,S.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S6	80 oct.No sto.Poles NE,NW.
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct. W,SW,NW
→ New Rockford	1.5 N; RRW	1533	32 S6	80 oct.No sto.P-lines E,
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct. ARPT. OF ENTRY.
Rolla	0.7 N,lake S		21 S2	80 oct.Data unver.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct.Poleline N;pwrline E.
(P) Valley City, 71,HL-Twin Cities	1.5 NW,riv NE	1375	38h L1	

(P) Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct.Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
→ Eureka (NC)	6 N, rd W			ABANDONED
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct.Poles sur fld.
Hofer-Kannegieter (Willow Lake)	1.5 E	1787	22 S2	73 oct.Poleline N.Data unver.
Madison	3.7 ENE,hwyS	1688	26 S2	80 oct.Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
(P) W.W.HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.

NEW AIRPORTS

Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct..Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct. Pwr line SE,NNE.
Britton Mun.,(S.D.)	2 NNE;RR W	1350	24 S1	73 oct.Poles W.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page (V)) NC-(not charted). → NEW OR REVISED DATA.

RADIO — MINNESOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DULUTH (Williamson-Johnson)	221 (DH)	SBRAZ-DT, 13°,3.9	(4)
HAMEL FM	(- - - -)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 118°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 238°, 26	Minneapolis
MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-DTV	(3):116.1
WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (118.3) +	AC(ILS):298°3.6	(4);122.5,126,18,118.3

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WOLD CHAMBERLAIN	109.9 .=-.	333.8	354°	IM-	MM- ·-- -- (0.76)	OM- -- (4.7)	
					MMH-201 ···	OMH-219 --	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116 1, 137.88, 140 58 mcs.

AIRPORTS — MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet. Poles S.

MINNESOTA

Anderson (Cocato)	2.6 ENE,RR S	1020	23 S1	80 oct. Poles S; trees W.
Anoka Flying Service	1.2 SE,riv SW	896	19 S4	80,91 oct. Poles NE;629' twr SE.
→ Baudette	0.8 NW;riv N	1080	27 S4	80 oct. No sto. ARPT OF ENTRY
(P) Bemidji	3.8 NW;hwy S	1395	57h S6	80, 91 oct.
Brainerd	1.3 SSE,hwy W	1210	25 S6	80 oct.
(A) Camp Ripley (Little Falls)	7.5 N, riv E	1149	70	Water twrs SE. (A)
(P) Carleton (Stanton)	0.7 NE,RR W	870	30 S6	80 oct. Flares on req. Obst sur fld.
→ Cedar (Minneapolis)	8.5 S, RR W			ABANDONED
Coleraine	0.8 SSE;lake SE	1390	25 S4	80 oct.
→ Ely	1.2 E	1425	24	Trees sur fld. Not Maintained.
Faribault	1.6 S,hwy W	1060	20 S1	80 oct. Pwr line W.
(N) Fleming (South St. Paul)	1.8 S;riv NE	822	15h S6	80 oct. No sto. Flares on prior req. Rdo rprs.
Flying Cloud (Minneapolis)	13.8 SW, riv S	900	30 S6	80 oct. P-line S,NE.
Gervais (Tofte)	1.2 NE,hwy S	800	28 S5	80 oct.
Grand Rapids	1.5 SSE,lake NE	1293	22 S2	80 oct.
Hector	0.7 S, RR N	1100	25 S1	80 oct. Poleline W, NW, SW.
→ Heywood Gull Lake (Nisswa)	1.7 SSW,lake S	1200	18 S2	80,91 oct.
(P) Hibbing	4.5 SE	1367	40h L4 S6	80,91 oct. Lgts on req.
Kenyon	0.8 S;RR E,N	1240	20 S1	80 oct. Poleline N, NE.
(P) Lake City (Frontenac)	0.5 SE,RR N	775	44 L3 S6	80 oct.
Le Sueur	1.1 S,riv W	900	24 S4	80 oct. No sto. Rolling.
Litchfield	1.2 NE;hwy N,W	1140	24 S2	80 oct.
Littlefork	1.8 WNW,riv E	1153	19 S2	80 oct. Poleline S.
Mankato	1.7 SE,hwy W	996	33 L1 S6	80 oct. Pwrline E, NE.
(P) Monticello	1.3 NNE,road S	940	50 S6	80 oct.
(P) New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
→ Northport (White Bear Lake)	3.2 E;lake W	1000	22 S6	80,91 oct.
Osseo	2 NE	875	30	Data not verified.
(P) Otis Lodge (Grand Rapids)	7.5 SW,lake S	1293	26 L1 S4	80 oct.
Pleasant Corners (Dodge Center)	2 ESE;RR N,W	1050	13 S1	80 oct. Poles S, W blocked.
Princeton	1 W, RR E		20 S1	80 oct. Data not verified.
Robbinsdale	0.8 NW,RR E	879	14 S6	80 oct. Obsts N, S.
St. Paul	1.5 SE,riv E,N	704	55h L4 S6	80,91 oct.
St. Peter	2.4 NNW,riv E	900	20 S4	80 oct. No sto. P-line S
Sells Flying Field (Mayer)	0.4 SSE	750	12	(NC)
Taylor Falls	1.5 W;riv E	950	23 S6	80 oct.
University of Minnesota (New Brighton)	3.8 N, hwy W	909	34 S6	80 oct. Trees E.
→ Victory (Minneapolis)	9 N, riv E	860	39 S6	80,91 oct. P-line SW

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Virginia	2 WSW,bet RRs	1429	35 S4	80,91 oct. P-line N.
→ Waseca	0.5 S,RR NW	1150	39 S2	80 oct. Poleline N.
(P) Whitney Memorial (St. Cloud)	1.5 NNW;riv E,N	1034	35 L3 S6	73,80 oct.
(P) WILLIAMSON-JOHNSON (Duluth)	6.5 NNW,hwy S	1428	57h R1 S6	80,91 oct. Closed ngts. except airlines ARPT OF ENTRY
Winona	4.5 WNW	670	19 L3 S1	80 oct. Bet. RRs.
(A,N) WOLD CHAMBERLAIN (Minneapolis)	6.5 SSE,hwy S	834	59h R3 L4 S6	80-100 oct. JP-1. Rdo rec required. N blkd. Ltd maint facs for mil acft-
→ Wyman (Aitkin)	1.3 N,riv S			ABANDOND Open to all acft.

WISCONSIN

→ Amery	3.4 NNW;lk SW	1100	26 S6	80,91 oct. SE blocked.
Arrowhead (Rice Lake)	1.3 SE,lake SE	1147	24 S4	80 oct. Trees SE. Data unverified.
→ Ashland	2.5 SSE,RR E	700	19 S2	80 oct. Use strips only.
→ Boyceville	0.5 E;RR N	948	21 S2	80 oct. P-line W,N,NE. Use strips only.
→ Boyd's Mason Lake (Fifield) (NC)	13 WSW,lake NW	1200	30 S1	80 oct. N,E,W blkd.
→ Chetek	1.5 SE,lake E	1050	22 S2	80 oct. P-line S,SE. Use strips only.
→ Chippewa Falls	2 S,RR NW	910	26 S6	80 oct. P-line SW,W. NW,S blkd.
→ Colby-Abbotsford (Colby)	1.2 NNW,RR E	1400	26 S2	80 oct. P-line NNE.
→ Dallas	0.7 SSE,RR W	1100	26 S2	80 oct. S blkd.
Eau Claire	1.5 SSE,riv NW	884	40 S6	80 oct. Obsts sur fld.
(P) Eau Claire Municipal	3.5 NNE,riv NW	885	43h	Trees SW.
(P) Hayward	2 NE,RR NW	1200	30 S4	80,91 oct.
Hudson Flying Service	3.8 E,hwy N,W	850	18 S1	80 oct. P-line NE,SW. Use with caution.
Jackson Co. (Black River Falls)	2 E, RR W	855	28 S6	80 oct. P-line W,N,W,S...
→ Marshfield	2.3 SSW,RR NE	1253	26 S6	80 oct. Flare pots in emerg.
→ Neilsville Memorial	5.7 W,hwy SW	1000	24 S1	80 oct. Trees around fld.
(P) Phillips	1.2 N,riv S	1140	30	Poleline W,SW
→ Pines (Bloomer)	0.9 E,RR W	1050	16 S2	80 oct. Poles S, W. Rough.
Price Lake (Phillips)	12.5 WNW	1140	22 S1	80,91 oct. Trees on all but lake appch
Rice Lake	3.5 NNE,RR W	1150	37 S4	80 oct. Poles sur fld.
(P) Richard Bong (Superior)	2.3 S;RR E	674	33 S6	80 oct. Pole line SE. 353' twr NW.
→ Rusk County (Ladysmith)	2.8 SE, RR SE	1150	25 S2	80 oct. Use strips only.
(P) Schlosser (Durand)	2.4 NNW,riv W	800	32 S2	80 oct. P-line NE.
Spooner	5 N	1072	20 S1	80 oct. Data not verified.
→ Taylor County (Medford)	2 SE;riv NW	1400	21 L S1	80 oct. Pole line N; Flares on req.
→ Veterans (Menomonie)	0.4 W,riv W			ABANDONED.

NEW AIRPORTS

→ Owatonna (Minn.)	2.9 NW;hwy E	1143	23 S6	80 oct.
(P) INTERNATIONAL FALLS, (Minn.)	2.2 S	1175	30h S4	80 oct. No sto.
Aitken Mun. (Minn.)	1.7 ENE;riv W	1208	26 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA.

14 MINNEAPOLIS

(R): EXTREMELY HAZARDOUS

(D): USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

NOTE: MANY LIMITS ON SIDES OF BASIC CHART ARE ARBITRARY, DESIGNED TO AVOID CLUTTER

BAUDETTE
INTERNATIONAL FALLS
CAN.
MINN.
LITTLE FORK
ELY
BEMIDJI
VIRGINIA
HIBBING
COLERAINE
GRAND RAPIDS
OTIS LODGE
GERVAIS
FORT WILLIAMS
WILLIAMSON-JOHNSON
DULUTH 221
RICHARD BONG
ASHLAND
GOGEBIC CO.
WISC.
MICH.
HEYWOOD
CROSBY
AITKIN MUN.
TODD
BRAINERD
MILLER
CAMP RIPLEY
HULTQUIST S
HAYWARD
SPOONER
ALEXANDRIA 239
WHITNEY MEM.
PRINCETON
BOYD'S
PRICE LAKE
PHILLIPS
ARROWHEAD
CUMBERLAND
RICE LAKE
BARRON
RUSK CO.
TAYLOR FALLS
AMERY
CHETEK
DALLAS
PINES
TAYLOR CO.
LITCHFIELD
KENTOBY
ANDERSON
MONTICELLO
ANOKA
VICTORY
OSSEO
U. OF MINN.
MINNEAPOLIS 266 (116.1)
NORTHPORT
HUDSON
BOYCEVILLE
WILLMAR 254
ROBBINSDALE
HAMEL
HUTCHINSON
ST. PAUL
FLEMING
HASTINGS
CHIPPEWA FALLS
EAU CLAIRE MUN.
COLBY-ABBOTSFORD
EAU CLAIRE
WOLD-CHAMBERLAIN 278 (118.3, 126.1R)
HECTOR
BLEICK
FLYING CLOUD
JORDAN
LAKE CITY
SCHLOSSER
MARSHFIELD
NEILLSVILLE
SIOUX FALLS 245
LE SUEUR
CARLETON
RED WING
ST. PETER
NEW ULM
FARIBAULT
KENYON
ROCHESTER 236
JACKSON CO.
MANKATO
WASECA
OWATONNA
WINONA
LA CROSSE 371
PLEASANT CORNERS
RED 36
SAULT STE MARIE 15

OVER
CHART 29

SAULT STE. MARIE 15

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (REPORT AT PIC BRAVO)

Ⓡ : EXTREMELY HAZARDOUS Ⓢ : USABLE WITH CAUTION

NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY H QUADRANTS.

SAULT STE. MARIE
356
(116.1)

PELLSTON Ⓡ
209

CADILLAC
269
On request

GLADWIN
257
On request

TRAVERSE CITY
365
(116.1)

MICH. 1 D.A

CHICAGO 41 | GRAND RAPIDS 43

GRAND RAPIDS 43 | DETROIT 45

HOUGHTON CO
ISLE ROYALE RANGE
MARQUETTE CO
CHICAGO DETROIT
CAN. MICH.
SAULT STE. MARIE
RACO AAF
KINROSS AAF
LUCE CO.
BLANEY PARK
MACKINAC CO.
EMMET CO
PETOSKEY-HARBOR SPRINGS
PET-O-SE-GA
CALVIN CAMPBELL
PRESQUE ISLE CO
CHARLEVOIX
E. JORDON
SKY HARBOR
BELLAIRE
ATLANTA
HILLMAN
SCHEIDLER
ALPENA
WATERS
TRAVERSE CITY
FRANKFORT
GRAYLING
MASONS
TIMBERS SKY CAMP
OSCODA AAF
ST HELEN
HOUGHTON LAKE
LA PORTE
CADILLAC
MANISTEE-BLACKER
MASON CO
BALDWIN
EVART
GLADWIN
DOHERTY
ESCANABA
MENOMINEE CO
FORD
NORTHLAND
MICH. WIS.
BOULDER JCT.
NORTHERN LAKES
KING'S GATEWAY
DR. A. L. HAUGHT
EAGLE RIVER
THREE LAKES
RHINELANDER
MERRILL
ANTIGO
ALEXANDER
WISCONSIN VALLEY
SHAWANO
OCONTO FALLS
CHERRYLAND
CLINTONVILLE
KUBIAK'S
STEVENS POINT
NEPCO TRI-CITY
BROWN CO
EAST SIDE
NICOLET
WAUPACA
OUTAGAMIE CO
VALLEY AWYS
GINNOW
WINNEBAGO CO
SKY VILLAGE
MANITOWOC
GREEN LAKE
FOND DU LAC
CHAPLIN
KOHLER
STATUTE MILES
CHICAGO
MINNEAPOLIS 14
139
197
204
24
214
319
34

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CADILLAC (Int.)	269(KK)	MHT.	(4)
GLADWIN	257 (GU)	MHT	(4)
➙PELLSTON (Emmet County)	209(PJ)	MHT	(4) (6-22)
SAULT STE. MARIE	356 (VC)(116.1)	SBMRAZ-DTV,317°,2.2	(4); 116.1
TRAVERSE CITY	365 (TG)(116.1)	SBMRAZ-DTV,319°,2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
➙ Alger County (Munising)(NC)	4 SSE,hwy E	850	26	Twr N; woods all sides.
➙ Alpena	6.5 WNW;riv adj	685	50h L S2	80 oct.Rnwy lgts on req.
Amasa (NC)	4 NW	1560	14	Not maintained.
➙ Atlanta	0.8 ESE	875	22 S2	80 oct.Trees N,NW,W.
➙ Au Gres (NC)	0.9 NNW,hwy S	590	20 S1	80 oct. Poles SW. NW blkd.
➙ Baldwin	1.3 SSE,RR W	835	23 S2	80 oct.Trees NE.
➙(P) Beaver Island (St. James) (NC)	4.2 SSW	620	35	NW,SE blkd.
➙(P) Bellaire	1 NE,RR W,S	614	24 S1	80 oct.P-line E,SE.
➙ Big Lake (Baraga) (NC)	7.3 SW, rd W	1100	20	Trees on all sides. Emerg use.
➙ Blaney Park	0.5 NW;lake N	850	18 S1	80 P-line E
(P) Cadillac, 23, TL-VC	2.5 NW,RR E	1297	34 R1 L3 S6	80 oct.
➙ Calvin Campbell Mun. (Indian River)	0.8 SE;RR,hwy W	602	20 S1	80 oct. P-line N.
➙ Charlevoix	0.8 SW,lake NW	642	30 S2	80 oct. P-lines S,W,NW
D.A.R.(Rexton) (NC)	1.9 WSW:RR N	900	22	Poles N.
➙ Doherty (Clare)	1 NE; hwy W	840	21 S1	80 oct. Rough, ctn.
(P) Dr. A. L. Haight (Crystal Falls)	1.3 ENE;lake E	1390	34 L1 S4	80 oct. Bldg SW,WNW.
➙ East Jordan	1.9 SSE,riv W	640	26 S1	80 oct.P-line E,N;trees W
➙(P) EMMET CO. (Pellston)	0.6 NW,RR E	707	54h R1 L3 S1	80,91 oct. Lgts on req.P-line N,E
➙ Escanaba	2 SSW,	594	26 S6	80,91 oct.Trees E.
Ford (Iron Mountain)	2.5 W,riv W	1140	23 S6	80,91,100 oct.
➙ Frankfort	1.9 ESE	650	29 S2	73,80,91 oct.
➙(P) Gladwin	0.5 SSE,riv W	780	35 R1 L3 S2	80 oct.
(P) Grayling	1.3 NW,RR W	1152	50h	
➙ Harrison (NC)	2.3 NNW,hwy E	1100	26 S2	80 oct.S blkd.Caution,rough.
➙ Hillman	2.8 NW	995	23 S1	80 oct.Woods all sides.
➙ Houghton Co. (Calumet)	2 SE, RR NE	1200	26 S4	80 oct. Twrs, poles W,NW blkd.
Houghton Lake (Houghton Heights)	1.2 WNW,lake NNE	1150	27 S2	73,80 oct.Radio twr W.N. lgtd.
Ishpeming-Dexter (NC)	7 W;RR N,S	1570	25	Poles N.
Isle Royale Sands (Houghton)	2 ESE;lake SW	605	22 S4	80 oct.
Kalkaska (NC)	0.5 WNW,RR E	1020	26	
(A) Kinross (A)	2.5 SE	780	55h	TMP INACT NO FACS
La Porte (West Branch)	6 SE,RR W	890	26	Pole line NW; trees NE, SW.
➙ Luce County (Newberry)	4.1 SE,hwy S	872	28 S1	80 oct.NW blkd.Poles SE.
➙ Mackinac Co. (St. Ignace)	2 NNW,hwy E	600	26 S2	80, 91 oct.
Mackinaw City (NC)	5 S,RR W	700	22	
Manistee-Blacker	4 ENE,riv S	613	23 S4	80 oct.
Marenisco (NC)	1.6 E,hwy N	1551	20	ENE,WSW blocked
Marquette County	7.9 W,hwy S	1412	27 S2	80 oct.
➙ Mason County (Ludington)	1.7 ENE,hwys S	640	30 S1	80 oct.Poles S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC (not charted). ➙ NEW OR REVISED DATA

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Menominee County	5 NNE,bay E	590	27 S1	80 oct. Trees sur fld.
➙Mio (NC)	1.6 N,hwy W	1050	26	Emergy only.
Northland (Norway)	2 W	1060	33 S3	80,100 oct. Pole line N.
Norway Township (Loretto)	2.4 S,lake N	860	21	Trees on side strips. (NC)
➙ Onaway (NC)	0.6 NNE,RR S	770	21	P-line SW,trees SE.
(A) Oscoda AAF (A)	3.5 NW,lake E	605	50h	
➙ Otsego County (Gaylord) (NC)	1 SW;lake 1.5 S.	1384	40	P-line E,NE.Trees N.
Pet-O-Se-Ga (Wildwood)	1.8 NW,lake NW	620	20 S2	80 oct.
➙ Petoskey-Harbor Springs (Petoskey)	4.5 NE;bay W	620	24 S2	80 oct.P-line E,trees NW,SE.
➙ Poschke's (Harbor Beach)(NC)	See Harbor Beach under "New Airports"- name changed.			
Presque Isle (Rogers City)	0.7 SSE,hwy E	658	26 S2	80 oct
➘ Prickett (Sidnaw) (NC)	0.5 N,RR SE	1300	18	Use caution.
(A) Raco AAF (A)	4.5 WSW;RR N	910	55h	TMP INACT NO FACS
Roscommon (NC)	2.5 SE,RR NE	1100	42	Pole line S.
Roscommon Co.(Prudenville)	4.5 N,riv N	1150	24	Trees sur fld. (NC)
St. Helens	0.9 SE,RR NE	1153	26	
(P) Sault Ste. Marie	1 SSW,hwy E	706	36 R1 L3 S4	80,91 oct.All lgts prior req.ARPT OF ENTRY.
➙ Scheidler (Alpena)	6.3 N,hwy NW	590	22 S4	80 oct.P-line NE,N,SW.
(P) Schoolcraft Co.(Manistique)	3.3 ENE,lake S	678	31	Approaches 5:1. (NC)
➙ Sky Harbor (Gaylord)	1 WNW,RR E	1355	26 S1	73,80 oct.Pole line S.
Steuben (Manistique) (NC)	20 NW	850	18	Woods all sides.
➘ Timbers Sky Camp (South Branch)	0.2 NE,riv E	950	24 S1	80 oct.
(P) Traverse City	2.1 SE,RR NE	624	52h R1 L5 S6	80,100 oct.
➙ Watersmeet (NC)	1.2 NNE;RR SSE	1581	22	Poles SE.Emerg only-rough.

WISCONSIN

➙ Alexander (Wausau)	2.5 S,riv SW	1191	27 L4 S4	80,91 oct. Lgts prior req.
(P) Antigo	2 ENE,hwy N	1483	33 S4	80, 91 oct. Flare pots avail.
➘ Arbor-Vitae (NC)	2.9 W,RR S	1600	22	Pole line E, N.
Boulder Junction	1.5 NW		38 S1	80,91 oct.Data unverified.
➙ Brown County (Green Bay)	2.2 WSW,hwy SE	590	28 S6	80 oct. E,ESE,SE blkd.
➘ Chaplin Arpk (Plymouth)	0.5 N,RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay)	2 WNW,	590	40 S2	80 oct.Pole line W,S. Bldgs N.
(P) CLINTONVILLE	1 ESE,RR SW	828	34 S6	91,80 oct.NNW blkd.Pwr line NE,SW,W
➘ Eagle River (NC)	1.3 NW,riv NW	1675	26 S1	80,91 oct. P-line E
East Side (Green Bay)	1.8 SE,RR S	600	19 S1	80 oct. Pwr line N,NE,NW.
➙ Fond du Lac	2.6 ENE,hwy S	769	26 S4	80,91 oct.P-line N,NE,NW.SE blkd.
➙ Ginnow (Omro)	3 N, hwy E	800	19 S2	80 oct. Trees SW. Rough
➙ King's Gateway (Land O' Lakes)	0.5 SSE,RR W	1736	44 S2	80,91,100 oct.P-line SE,SW,NW.
(P) Kohler	1 N,hwy S	647	30 L1 S6	80,91 oct. SE blkd. Twr NE.
➙ Manitowoc	1.6 NNW,RR W	653	26 L3 S6	80,91 oct.P-line W,SW,SSE.Bndry
➙ Merrill	1.2 NNW,RR E	1285	22 L1 S2	80 oct.Use strips only. lgts inop.
➙ Nepco Tri City (Wisconsin Rapids)	2.5 SSW, riv 1 W	950	35 L2 S6	80,91 oct.Lgts prior req.
Nicolet (De Pere)	1.5 S,RR E	620	22 S4	80 oct.Pole line E,W.Data unver.
(P) Northern Lakes (Manitowish)	6.8 E, hwy NE	1600	28 S4	80 oct. Trees E,W.
➙ Oconto Falls	2.7 ENE,RR S	600	20 S2	80 oct. Pole line N.
➙ Outagamie Co.(Appleton)	2.2 ENE,RR S	750	29 S6	80,91 oct.P-line NW.
(P) Rhinelander	2 ..;riv 1 SE	1598	37 S4	80,91 oct.No sto.Trees NW.
Shawano	2.3 ENE,lk NE	813	40 L S6	80,91 oct.Poles SW.Rnwy data unver
➘ Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver. Lgts prior req.
(P) Stevens Point	3 NE, hwy W	1090	40h S6	80,91 oct.
➙ Three Lakes	0.5 S	1664	14 S1	Fuel.Rough.Obst sur fld.
➙ Tomahawk (NC)	0.5 WNW;riv N	1450	15	Obsts sur fld.Emerg use.
Valley Airways (Neenah)	4 SSW,RR E	750	21 S2	80 oct.P-line E. Data unver.
Washington Island (NC)	0.6 NNE of Detroit Harbor	600	24	
➙ Waupaca	4 ESE, hwy S	853	29 S2	80 oct.P-line S,SW
(P) Winnebago Co. (Oshkosh)	2 SSW,RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE,N,W.
Wisconsin Valley Inc.(Wausau)	7 S		34 S2	83 oct.Data unver. Rnwy data unver.

NEW AIRPORTS

(P) Masons (Grayling,Mich)	12 ESE;riv N	1000	40 S1	91 oct.
Green Lake (Wisc)	4 W, hwy S	990	22 S1	90 oct. Data unver.
Kubiak's (Pulaski,Wisc.)	1.2 E	781	26 S4	Data unver.
➙ Harbor Beach (Harbor Beach, Mich.)	2.5 W;rd S	670	20 L S2	80 oct.P-line NE/SE.Flood lgts prior req.

RADIO

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA	221(AW)(116.1)	BMRLZ-DTV;81°,2	(4); 116.1
BANGOR (Dow)	239(BB)(116.1)	SBRAZ-DTV;172°,2.1	(4);116.1
DOW (Bangor)	278 (126.18)+	CA (ILS-W)	(3);126.18,118.7
EAST CORINTH FM	(- - - -)	FM, 352°, 13.5	Bangor.
HOULTON	272(HJ)	MRLWZ;195°,3.1	
LIMESTONE FM	(-)	FM, 57°, 22.3	Presque Isle
MILLINOCKET	344(MT)(116.1)	SBRAZ-DTV;292°,1.6	(4); 116.1
PRESQUE ISLE	388 (ZQ)	SBRAZ-DT;189°,3,4	(4)
Presque Isle AAF	278 (126.18)	AC(ILS-W)	(4);118.7,122.5,116.1.126.18
Presque Isle AAF	365 (RU)	SBMLZ; 9°, 3.8	(4)
[redacted]			
MASSENA	108.7(ME)	VARW	
VERMONT			
BURLINGTON	323(JG)(116.1)	SBRAZ-DTV	(3); 116.1
Burlington Airport	278(126.18)	C; 151°,2.8	(4);122.5,126.18
GRANDE ISLE FM	(- - - -)	FM, 349°, 15	Burlington
HUNTINGTON FM	(- -)	FM, 151°, 17	Burlington
MONTPELIER (Barre-Montpelier)	257 (UV)	MRLWZ;230°,2.8	
VERGENNES FM	(- - -)	FM, 210°, 25.4	Burlington

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
DOW (L6)	109.9		153°	IM- (0.06)	MM- ····· (0.81)	OM- -- (4.60)
					MMK-	OMK-
PRESQUE ISLE AAF	109.9		8°	IM- (0.06)	MM- ·•···· (0.85)	OM- --(4.47)
					MMH- 201	OMK- 219
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

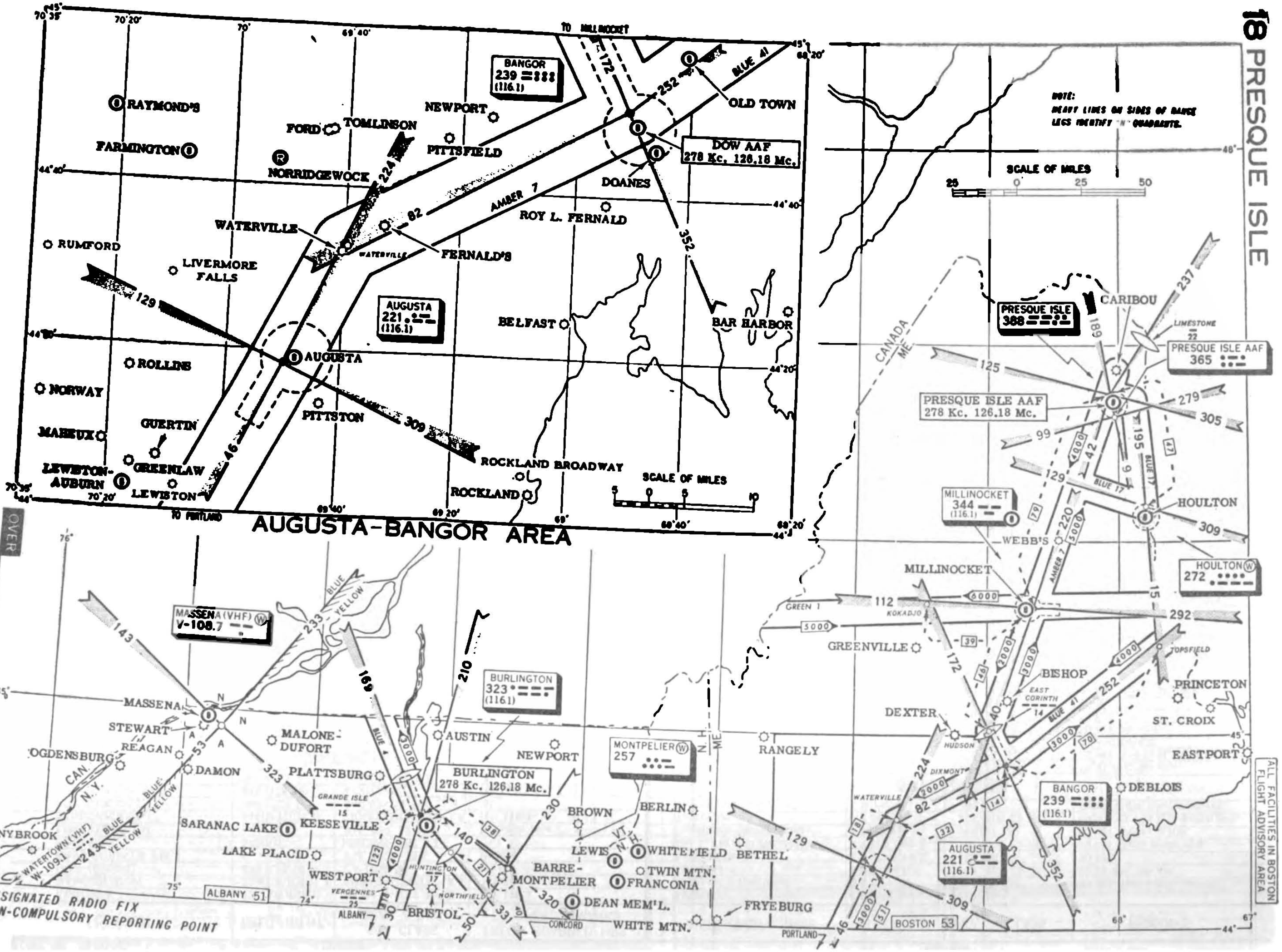
MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
AUGUSTA	1.5 WNW,hwy S	354	34h R1 L5 S6	80,91 oct.Fld lgts prior req.
Andover (NC)	2.5 S,hwy E	675	14	1125' hill, pole E.
Bar Harbor	9 NW,hwy W	87	45h S6	80 oct.
Bethel	1.6 NW,RR E	660	20 S1	80 oct.
Belfast	1 SW,hwy E	160	40h S4	80 oct, No sto.
Bishop (LaGrange)	0.8 N,RR W	360	20	WSW,ENE blocked.
Caribou	1 NW,hwy E	623	35h S6	80 oct,No sto.Bldg E.ARPT OF ENTRY.
Deblois Flight Strip	2 SE,riv W,N	219	40h	
(P) Dexter	3 ESE,rd W,S	485	30h S2	80 oct.
Doanes (Brewer)	1.6 S,RR W	100	15 S5	80 oct. Poles NNE; trees SE.
(A) DOW (Bangor)(A)	2 W,RR S	160	70h R3(L6)S4	100 oct.
Eastport	1.5 WNW,hwy NE	70	28h S1	80 oct. Pole line NW.
Fryeburg Arpk	1.3 E,RR S	400	20 S2	80 oct. Pole line S.
Greenlaw (Auburn)	1.8 W,hwy S	238	14 S6	80 oct. Bldg S.
Greenville	2 ENE	1750	30h L3 S1	80 oct.
Guertin (Lewiston)	1 NE	220	12 S2	87 oct. Trees, poles SSW.
(P) HOULTON	2.5 E	493	57h L5 S6	80 oct.
(P) LEWISTON-AUBURN (Auburn)	4.5 SW,RR W	290	45h L5 S4	80,91 oct.
Maheux (Minot)	3.5 NNW,hwy NE	720	21 S6	80 oct. Trees SSE.
Millinocket	0.5 SE,hwy W	404	50h R1 L5 S1	91 oct. Fld lgts prior req.
Newport	1.5 ESE,hwy N	280	21 S1	Ltd 80 oct. Pole line N.
Norridgewock	3.7 W,riv NE,W	270	40h	Trees ENE.
Norway	1 N,RR S	367	18 S1	80 oct. Pole line SE.
Old Town	1.8 NNW,riv N	109	40h L3 S5	80 oct.
Pittsfield	0.7 SSE,hwy E	190	40h S6	80 oct. Sand pile, bldg E.
Pittston	1.8 ENE,RR W	140	18	NW,SW,S blocked.
(A) PRESQUE ISLE AAF (A)	1.5 WNW,RR E	529	68h R3 L6 S4	91,100 oct.No sto.ARPT OF ENTRY.
Princeton	1.5 SSE,hwy NE	250	40h	

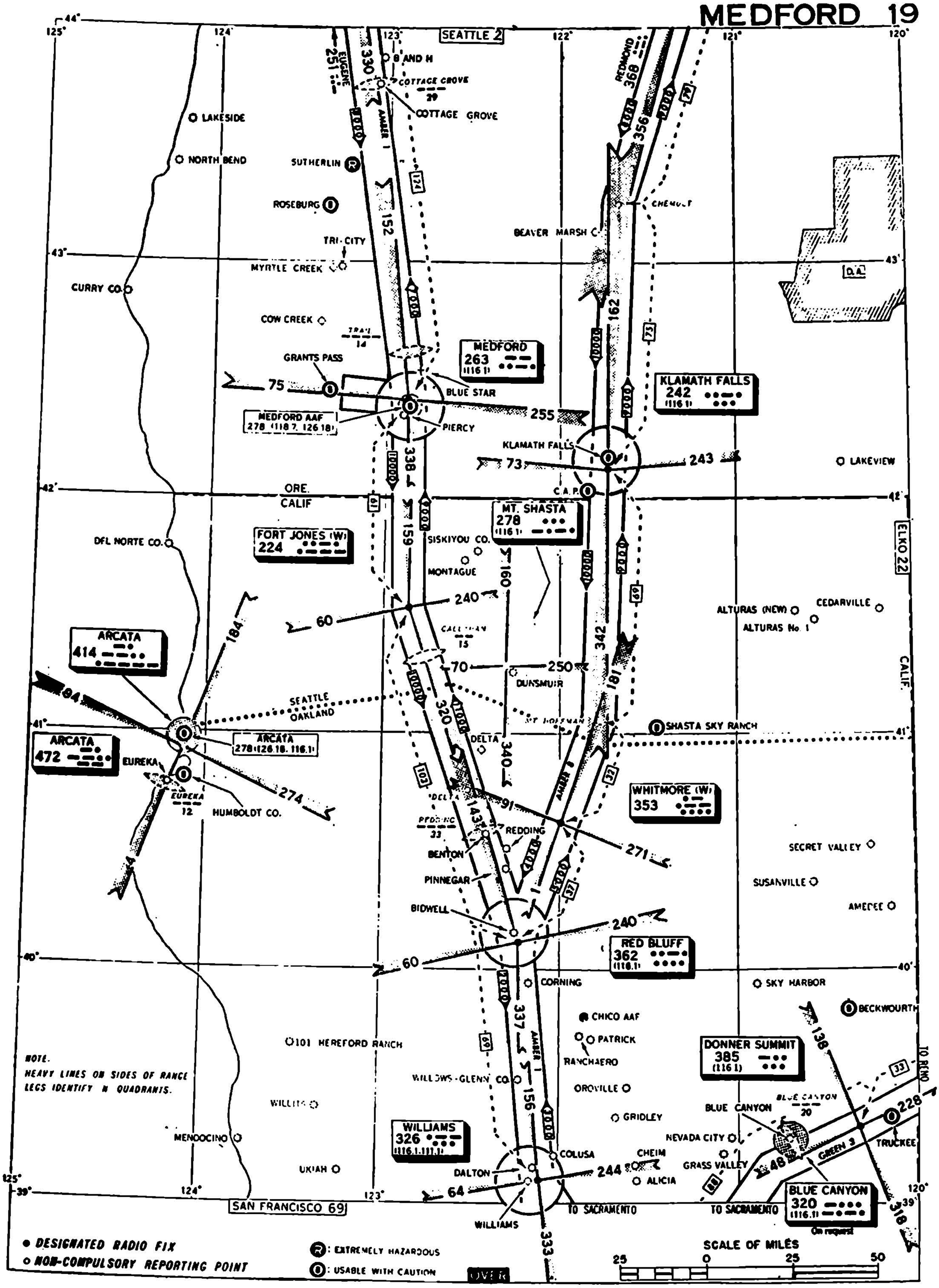
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). ➔ NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Rangeley	1.6 NNW,hwy S	1810	15	
Raymond's (Phillips)	0.8 S,riv E	556	20 S1	80 oct. Rnwy info. unver.
Rockland	3 SSE,rd NE	49	45h L5 S6	80,91 oct. No sto.
Rollins (Turner)	2.5 NNW,rd E	335	20 S6	80 oct.
Roy L.Fernald (Winterport)	3 WNW,hwy S	182	40h L3 S1	80 oct. Lgts prior req.
Tomlinson (Skowhegan)	1 NNE,riv S	240	21 S6	80 oct. Poles S,NW.
Waterville	1.8 SW,riv E	303	40h L5 S6	80,91 oct.Fld lgts prior req.
Weston (Madison) (NC)	1 N,riv W	300	19	Poles WSW.Use in emerg.
NEW HAMPSHIRE				
Berlin	7.5 N,riv W	1140	52h S3	80,91 oct. No sto.
Dean Memorial (Haverhill)	4.1 NE,RR W	570	18 S1	80 oct. Trees N,NW. Rnwy data unver.
➔ Lancaster Arpk.	0.3 N,riv W			ABANDONED.
Lewis (Littleton)	2.5 E,RR S	900	18 S6	80 oct. No sto.
Twin Mountain	0.8 SW,RR N	1430	18 S1	80 oct.
Whitefield	3 ESE,RR N	1030	24 S1	73 oct.
White Mountain (No.Conway)	1.9 SSE	540	20 S4	80 oct. Trees W, NW.
[redacted]				
Bradley (Watertown) (NC)	2.2 N,RR E,W	435	18	Rough. Pole line W,SW.
➔ Damon (Potsdam)	1.5 E;hwy S	460	20 S1	80 oct.P-line N. Strips rough at ends.
➔ Keeseville	1.4 S;riv WNW	490	20	Pole W.
Lake Placid	2 SE,RR NW	1750	21 S1	80 oct.
(P) Malone-Dufort	2 W,RR N	790	40h S1	80 oct. ARPT OF ENTRY.
Marcy (Keene) (NC)	2.5 S,hwy E	1000	18	Mtn N,S.
(P) Massena	2.2 E,riv SE	200	40h L1 S6	80 oct.Bcn on req.Trees WSW ARPT OF ENTRY.
(P) Ogdensburg	1.5 SE,RR W	285	30 S6	80 oct. ARPT OF ENTRY.
(P) Plattsburg, mun.	3.4 WSW,riv W	375	50h L5 S1	80, 91 oct.
(P) Saranac Lake	5.3 NW,RR NW	1655	40h L2 S4	80 oct.No sto.Lgts prior req.
Stewart (Massena)	2.1 SE,RR NE	210	20	
➔ Tupper Lake (NC)	1 E;riv SE	1680	14	Use strips only.P-line W.Rough.
Westport	2 S,RR W	285	22 S2	80 oct.
[redacted]				
Austin (Swanton)	1.7 NE,RR W	235	30 L S6	80 oct.No sto.Port rnwy lgts. ARPT OF ENTRY.
BARRE-MONTPELIER(Berlin)	0.8 SE	1149	40h L5 S2	80,91 oct.
Bristol	0.7 W,riv SE	570	22 L S6	80 oct.Port rnwy lgts.1680' mtn SE.
BURLINGTON	3 E,lake N	334	43h R2 L5 S6	80,91 oct. ARPT OF ENTRY.
Newport	3 SSW,RR E	930	40h L2 S1	Ltd 80 oct.All lgts prior req.
NEW AIRPORTS				
Farmington Arpk. (Me.)	4.5 N;rd W	430	17 S6	80 oct. No sto.
Fernald's (Benton,Me.)	0.6 WNW;hwy S	120	18 S6	80 oct.No sto.WNW blkd.
Ford (Skowhegan,Me.)	1 NNW	230	15 S2	80 oct.Bluff SW.Fairground S
Franconia Arpk, (N.H.)	2 SE		20	
Brown (St.Johnsbury,Vt.)	5.2 N;RR E	807	23 S2	80 oct.Hills W,SW.


AUGUSTA-BANGOR AREA
RAYMOND'S
FARMINGTON
FORD
TOMLINSON
NEWPORT
PITTSFIELD
NORRIDGEWOCK
BANGOR
239
(116.1)
OLD TOWN
DOW AAF
278 Kc. 126.18 Mc.
DOANES
ROY L. FERNALD
WATERVILLE
FERNALD'S
RUMFORD
LIVERMORE FALLS
AUGUSTA
221
(116.1)
BELFAST
BAR HARBOR
ROLLINS
NORWAY
MAHEUX
GUERTIN
PITTSTON
LEWISTON-AUBURN
GREENLAW
LEWISTON
ROCKLAND BROADWAY
ROCKLAND
SCALE OF MILES
TO PORTLAND
TO MILLINOCKET
OVER
MASSENA (VHF)
V-108.7
MASSENA
STEWART
REAGAN
OGDENSBURG
CAN.
N.Y.
DAMON
MALONE-DUFORT
PLATTSBURG
SUNNYBROOK
WATERTOWN (VHF)
W-109.1
SARANAC LAKE
KEESEVILLE
LAKE PLACID
WESTPORT
ALBANY 51
AUSTIN
NEWPORT
BURLINGTON
323
(116.1)
BURLINGTON
278 Kc. 126.18 Mc.
MONTPELIER
257
BROWN
BERLIN
LEWIS
WHITEFIELD
BETHEL
TWIN MTN.
FRANCONIA
BARRE-MONTPELIER
DEAN MEM'L.
BRISTOL
WHITE MTN.
FRYEBURG
RANGELY
PORTLAND
BOSTON 53
ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF AIRWAY LEGS IDENTIFY "N" QUADRANTS.
SCALE OF MILES
CARIBOU
PRESQUE ISLE
388
LIMESTONE
PRESQUE ISLE AAF
365
PRESQUE ISLE AAF
278 Kc. 126.18 Mc.
CANADA
ME
MILLINOCKET
344
(116.1)
HOULTON
WEBB'S
MILLINOCKET
HOULTON
272
GREENVILLE
KOKADJO
BISHOP
EAST CORINTH
TOPSFIELD
PRINCETON
ST. CROIX
DEXTER
HUDSON
DIXMONT
EASTPORT
BANGOR
239
(116.1)
DEBLOIS
AUGUSTA
221
(116.1)
WATERVILLE

MEDFORD 19


SEATTLE 2
EUGENE 251
330
8 AND H
COTTAGE GROVE
29
COTTAGE GROVE
AMBER 1
LAKESIDE
NORTH BEND
SUTHERLIN
ROSEBURG
TRI-CITY
MYRTLE CREEK
CURRY CO.
COW CREEK
TRAIL 14
GRANTS PASS
75
MEDFORD AAF
278 (118.7, 126.1R)
BLUE STAR
PIERCY
MEDFORD
263
(116.1)
152
REDMOND
360
356
CHEMULT
BEAVER MARSH
162
KLAMATH FALLS
242
(116.1)
255
KLAMATH FALLS
73
243
LAKEVIEW
C.A.P.
MT. SHASTA
278
(116.1)
ORE.
CALIF
FORT JONES (W)
224
DEL NORTE CO.
SISKIYOU CO.
MONTAGUE
159
160
240
60
CALLAHAN
15
ALTURAS (NEW)
CEDARVILLE
ALTURAS No. 1
ELKO 22
CALIF.
ARCATA
414
184
70
250
DUNSMUIR
342
181
SEATTLE
OAKLAND
ARCATA
278 (126.1R, 116.1)
SHASTA SKY RANCH
ARCATA
472
EUREKA
EUREKA
12
HUMBOLDT CO.
274
DELTA
320
340
103
WHITMORE (W)
353
DELTA
PEDDING
33
143
REDDING
91
271
BENTON
PINNEGAR
SECRET VALLEY
SUSANVILLE
AMEDEE
BIDWELL
240
RED BLUFF
362
(116.1)
60
CORNING
SKY HARBOR
BECKWOURTH
337
156
CHICO AAF
PATRICK
RANCHARERO
DONNER SUMMIT
385
(116.1)
138
TO RENO
101 HEREFORD RANCH
WILLOWS-GLENN CO.
OROVILLE
BLUE CANYON
BLUE CANYON
20
228
GRIDLEY
NEVADA CITY
TRUCKEE
WILLITS
MENDOCINO
WILLIAMS
326
(116.1, 117.1)
COLUSA
CHEIM
GREEN 3
48
UKIAH
DALTON
244
GRASS VALLEY
ALICIA
64
BLUE CANYON
320
(116.1)
On request
SAN FRANCISCO 69
TO SACRAMENTO
TO SACRAMENTO
WILLIAMS
318
333
NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
OVER
SCALE OF MILES
25 0 25 50

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCATA (UAL)	472 (NZM)	MRL;4°,3.0	(3)
Arcata Airport	278 (116.1,126.18)	CI (ILS-W)	(3) 116.1,126.18 (8-17)
Arcata (H fac) (UAL)	414 (NZ1)	H; 310°, .15	(4) Z marker 200' from SE end Rnwy 31.
BIDWELL (Red Bluff)			DECOMMISSIONED
BLUE CANYON	320 (BC)(116.1)	MHVT	(4):116.1
BLUE CANYON FM	(- - -)	FM, 228°, 19.5	Donner Summit
CALLAHAN FM	(- -)	FM, 140°, 15.1	Ft. Jones
DONNER SUMMIT	385 (DS) (116.1)	BMRL-DTV	(4):116.1
EUREKA FM	(- - -)	FM, 184°, 11.7	Arcata
FORT JONES	224 (FJ)	SRAWZ	
MT. SHASTA	278(SC)(116.1)	BMLZ-DTV, 116°,2.2	(4); 116.1
RED BLUFF (Bidwell)	362(FH)(116.1)	SBRAZ-DTV,323°,2.5	(4);116.1,122.1
REDDING FM	(- - - -)	FM, 323°, 33.2	Red Bluff
WHITMORE	353 (AWH)	MRLWZ	
WILLIAMS (Int.)	326(WS)(vhf)	SBMRAZ-DTV,244°, 2.2	(4);116.1,122.1

OREGON

COTTAGE GROVE FM	(- - -)	FM, 150°, 29	Eugene
KLAMATH FALLS	242 (FS) (116.1)	SBRAZ-DTV;342°,2.7	(4); 116.1
MEDFORD	263(MF)(116.1)	SBRAZ-DTV	(3); 116.1
Medford AAF	278(126.18,118.7)+	AC; 158°, 2.4	(4);126.18,118.7,122.5
TRAIL FM	(- - - -)	FM, 332°, 14	Medford

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ARCATA	109.5	332.6	312°	IM- (0.14)	MM- ····· (0.66)	OM- -- (4.5)
					MMH-	OMH- 404 ·=·=·
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker: (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alicia (Marysville)	3.2 SSE,RR W,E	63	60h L5 S6	80,91 oct.; 100 oct. on req.
(P) Alturas (new)	6.8 WNW,riv S	5034	63h	
Alturas #1	1 W,RR S	4391	28 S6	80 oct.
Amedee Flight Strip (Amedee)	4 SE,RR N	4007	70h	
Arcata	7.6 NNW	217	60h R3 L	Exten experimental lgting.
Ash Creek, USFS (McCloud)(NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE,NW.
Beckwourth	0.8 ENE,RR S	4900	28 S6	80,91 oct.
Benton Airpark (Redding)	1.1 WSW,riv E	719	25 L3 S4	80, 91 oct.
(N) BIDWELL (Red Bluff)	1.7 SSW,RR E	354	40h R1 L5 S4	80,91,100 oct.
* Blue Canyon Int,13,SF-SL	1.1 NNE,RR S	5280	34 R1 L3	Obsts N, E. RR E.
Cedarville	0.6 S,lake E	4260	26 S2	80 oct. Pwr line E.
Cheim (Marysville)	1.5 NE,hwy S	67	30 S6	80,91 oct. No sto. Levee N, NE.
Chester, USFS (NC)	1.5 SSW,RR N	4525	31	18' pole line W. Closed to Public
(P) Chico	5 N,rd E	237	67h	
Colusa	1.2 SW,RR W	47	29 S4	80 oct. Pole line NNW.
Corning	1.3 NE,RR W	300	30 L1 S2	80 oct.
Dalton Com. (Williams)	1 ENE,RR SW	65	30 S2	80 oct. Pwr line S.
(P) Del Norte Co. (Crescent City)	2.5 NW	57	50h	
* Delta Int, 22, SF-SA	1 SW,RR,hwy N	1320	18 L3	800-1000' mtns E, W.
Dunsmuir,25B, SF-SA	4.5 N,RR W	3240	30 R1 L3 S2	80,91 oct. Poles E,N, lgtd.
Eureka	2 W,bay E	20	24h	
(P) Fall River Mills	See Shasta Sky Ranch under "New Airports" - name changed.			
Fort Jones (NC)	1.5 W,riv SW	2745	30	Pole line NW.
Gasquet (Crescent City) (NC)	13 ENE,hwy S	390	25	Hazardous-bad approach. USFS
Grass Valley	0.8 W,hwy N	2600	18 S1	Ltd 80 oct. Trees sur fld. P-line NE
Gravelly Valley, USFS (Upper Lake) (NC)	20 N, lake S	2000	49	Road crosses NE/SW strip. Closed to Public
Gridley	0.7 ENE,RR W	97	26 S6	80,91 oct. Pole line N,S.
Hayfork, USFS (NC)	1.2 E,rd N	2350	23	Pole line W, mts E. Closed to Public
Humboldt County (Eureka)	3.4 ENE,RR SW	10	18h S6	80,91 oct. Poles NW. Rnwy data unver.
Mendocino (Little River)	2.5 SE	572	53h	
Montague	1 W,RR N	2520	32 L1 S4	80, 91 oct.
Nevada City	1.5 NW,rd S	3060	26 S4	80 oct.
(P) Oroville	3 SW,riv E	199	60h L5 S1	80,91 oct. Port rnwy lgts prior req.
Patrick (Chico)	2 SSE,RR E	189	34 S6	80,91 oct. Poles N.
Pinnegar (Anderson)	1 S,canal E	435	23 S1	73 oct.
Ranchaero (Chico)	2.2 WSW,riv W	170	22 S4	80, 91 oct. Hwy NE.
Ravendale (NC)	0.2 N,RR W	5260	18	
Redding	7.5 SE,riv S	500	61h L3 S1	
Round Valley (Covelo)(NC)	0.8 SW,hwy E	1385	30	
* Secret Valley Int,52,RV-ND	3.6 ESE Karlo	4435	50	Day use only.
(P) Siskiyou Co. (Montague)	4.3 NE,RR W	2647	73h L5	
Sky Harbor (Quincy)	2.5 E,RR N	3400	28 S2	73 oct. Poles S.
Susanville	6.5 SE,hwy SW	4150	32 S6	73 oct. Pwr line N.
* Truckee Int,16B, SF-SL	3.6 ENE,RR S	5820	34 L3	Snow Dec.-April.
(P) Ukiah	1 S,RR E	612	40h L5 S4	80 oct. No sto.
Weaverville, USFS (NC)	1 SSE,hwy E	2040	22	30' poles S. Closed to Public
* Williams Int,9, SF-SA	4 S, RR E	120	42 R1 L3	
Willits	1.3 ENE,RR W	1356	20 S1	80 oct. Trees E. Pole line W.
Willows-Glenn Co.	1.3 WSW,RR E	130	45h L1 S6	80 oct. No sto.

OREGON

* Beaver Marsh Int,73,RV-ND		4630	54 L3	6.2 SSW Chemult
Blue Star Arpk.(Eagle Point)	4.5 N,hwy E		20 S2	Data unver.
Civil Air Patrol (Worden)	1 S,RR NW	4080	37 S6	80 oct. No sto. Pwr line NNE.
* Cow Creek Int,37B,SF-SA	2.5 ENE Glendale	1429	23 L3	Creek S.
(P) Curry Co. (Denmark)	3.8 WSW	214	51h L5	All lgts prior req.
Illinois Valley Landing Field (Cave Junction) (NC)	4.3 SSW,river 1 E	1350	43	Trees NNE. USFS
Klamath Falls	4.9 SSE,RR NE	4085	71h R1 L5 S5	80, 91, 100 oct. Fld lgts on req.
Lakeside	0.25 NE,hwy W	20	30	Pole line S.
→ Lakeview	3.5 SW,RR E	4728	53h S6	80,91 oct.
(A,N) MEDFORD AAF	3.2 N,RR E	1329	54h R2 L5 S4	80,91,100 oct. Pole line NE NATS
* Myrtle Creek,Int,39A,SF-SA	4 SW,riv,RR W	640	25 L3 S1	80 oct. Hill N.
(P) North Bend	1.2 WNW,bay NE	17	50h	
Piercy (Medford)	2.6 NW,RR E	1325	20 S4	80,91 oct. No sto. Poles SE.
* Roseburg Int,41A,SF-SA	2.4 NNW,RR E	500	38 S6	80,91 oct. No sto.
Sutherlin Sky Ranch	3.8 ENE,rd E,S	575	18 S1	80 oct.
→ Tri-City (Riddle)	3.5 NE,RR N,W	700	19 S1	80 oct. P-line N,S.

NEW AIRPORTS

B & H (Creswell,Ore.)	3.3 SSW;RR E	620	16 S6	80 oct. Trees NNE
Cottage Grove (Ore.)	1.9 S;riv S	640	22 S1	80 oct.
Grants Pass (Ore.)	1.6 N;RR W	1050	26 S5	80 oct. Poles, trees N.
101 Hereford Ranch (Laytonville,Calif.)	1 S;hwy E	1635	18 S1	80 oct.
(P) Shasta Sky Ranch (Fall River Mills,Calif.)	1 N;riv E	3300	33 S2	80 oct. Rnwy data unver.

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Air Term.)	350(BE)(vhf)	SBRAZ-DTV;110°,2.5	(3);116.1,122.1
BOISE AIR TERMINAL	278(126.18) (118.3)	AC	(4);126.18,118.3,122.5
EAGLE FM	(- - - -)	FM, 301°,11.5	Boise
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-DTV, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-DTV, 200°, 0.8	(4), 116.1
FALLON (NAS)	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-DTV 228°, 2.6	(4):116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-DTV 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno

NEW RADIO FACILITIES

HUBBARD (Reno)	278	CI	(4)(5-20 Wed,Sat,Sun; 8-16 other days.)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker;(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.56 mcs.

AIRPORTS — IDAHO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW			ABANDONED
Boise Airpark	1.8 WNW,RR S	2660	25 S6	73,80 oct.Trees SSE, NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S2	73 oct.
Floating Feather (Eagle)	2 E,hwy W	2635	38 S4	80 oct.Soft when wet.
(P) Glenns Ferry	1.3 WSW,riv S	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	See Boise Air Terminal under "New Arpts"-name chg.			
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page IV) (NC)-Not charted → NEW OR REVISED DATA

NEVADA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3	
★ Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	49 S6	80 oct.Mts N,hill W.
(P) ELKO-KEDDIE	1.8 W,RR S	5066	62h R1 L5 S4	80,91,100 oct.
★ Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon NAAS	6 SE,hwy S	3931	70h	CLOSED
HUBBARD (Reno)	3.4 SE,RR N	4404	64h R2 L5 S4	80,91,100 oct.
★ Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	4000	24 S4	80 oct.Poles ENE,WSW
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 L S6	80 oct. Port rnwy lgts on prior req.
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	
→ Orovada (NC)	1.2 W,hwy E			ABANDONED
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct.Poleline W.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

OREGON

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	26.6 SW,hwy E	4050	60h	
→ Vale	1.2 SSW;rvr E	2250	23 S2	80 oct. P-line NE.

NEW AIRPORTS

(NG) BOISE AIR TERMINAL, (Idaho)	4.5 SSW	2857	77h R2 S1	80,91 oct.

22 ELKO

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

R EXTREMELY HAZARDOUS
U USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R & U AIRSPACE.

SPOKANE 3
MEDFORD 19
SALT LAKE CITY 23

VALE
NYSSA
PARMA
CALDWELL
ROE-DAVIS
BURNS
ALKALI LAKE
ROME
FLOATING FEATHER
EMMETT
BAKER
EAGLE
BOISE AIRPK
BRADLEY
RITCHEY
BOISE
350
(111.1, 116.1)
BOISE AIR TERM
278 at 118.3 126.18 at
MOUNTAIN HOME
MOUNTAIN HOME AAF
KING HILL
GLENNS FERRY
BURLEY
272
OWYHEE
SEATTLE
SALT LAKE CITY
ORE.
IDA
NEV
WINNEMUCCA COM.
WINNEMUCCA
SEATTLE
OAKLAND
BATTLE MOUNTAIN
281
(116.1)
BATTLE MOUNTAIN FLGT STRIP
ELKO
391
(116.1)
HUMBOLDT
209
(116.1)
LOVELOCK COM.
LOVELOCK
HUMBOLDT
BUFFALO VALLEY
GREEN
RENO
254
(116.1)
RENO SKY RANCH
RENO AAB
WADSWORTH
FERNLEY
SPARKS
HUBBARD
278
LAHONTAN
LAHONTAN FLGT. STRIP
FALLON
230
FALLON
D.A.
NAAS. FALLON
AUSTIN OLF
CARSON CITY
COMBER SUMMIT
YERINGTON
NEV
CALIF
OVER
CARLIN
ELKO
WENDOVER
FRESNO 73
LAS VEGAS 75

SALT LAKE CITY 23

●COMPULSORY REPORTING POINT
○NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

GREAT FALLS 6 · ST ANTHONY · REXBURG · JACKSON · FRIEDMAN · CAMAS CO. · ALBERT · FLYING BAR'S" · On request · GOODING · JEROME · TWIN FALLS · BURLEY · IDAHOME · POCATELLO · IDAHO FALLS · POCATELLO AAF · ABERDEEN · AMERICAN FALLS · UNIVERSITY · HAYFIELD · AFTON · MONTPELIER · BEAR LAKE CO. · COKEVILLE · PRESTON · MALAD CITY · STREVELL · SAN JACINTO · IDAHO NEV. · LOGAN-CACHE CO. · HILL CREST · KEMMERER · CORINNE · BRIGHAM · HUNTSVILLE · EVANSTON (NEW) · EVANSTON · WELLS · VENTOSA · LOW · TIMPIE · PROMONTORY POINT · LUCIN · LAYTON · OGDEN ARPK. · BOUNTIFUL · GRANTSVILLE · SALT LAKE NO. 2 · MIDVALE · ALTA · TOOELE · RIVERTON · KNOLLS · FAIRFIELD · SPANISH FORK · PROVO · DUGWAY AAF · NEPHI · CARBON CO. · MT PLEASANT · MANTI-EPHRAIM · YELLAND · DELTA

IDAHO FALLS 359 (116.1)
POCATELLO 257 (111.1 116.1)
MALAD CITY 314 (116.1)
GOODING 215 (116.1)
BURLEY 272 (116.1)
STREVELL 335 (116.1) On request
LUCIN 302 (116.1)
OGDEN 263 (116.1)
FORT BRIDGER 382 (116.1 111.1)
HINCKLEY 284 RC
HILL AAF 396 RC 126.18 MC
WENDOVER AAF 201 RC 126.18 MC
WENDOVER 248
SALT LAKE NO. 1 278 RC 118.3 MC
SALT LAKE CITY 227 (116.1)
FAIRFIELD 362 (111.1 116.1)
DELTA 212 (116.1)

102 · 192 · 388 · 332 · 8000 · 176 · 12 · 7000 · 282 · 186 · 84 · 93 · 10000 · 56 · 326 · 12000 · 147 · 11000 · 49 · 271 · 92 · 76 · 9 · 156 · 330 · 70 · 269 · 127 · 152 · 154 · 10000 · 110 · 94 · 61 · 260 · 79 · 9000 · 162 · 336 · 106 · 78 · 250 · 66 · 246 · 149 · 332 · 237 · 67 · 244 · 13000 · 93 · 342 · 92 · 343 · 272 · 187 · 97 · 277 · 69 · 7 · 2 · 1 · 4 · 18 · 19 · 20 · 29 · 37 · 90 · 152 · 236 · 41° · 42° · 43° · 40° · 39° · 115° · 114° · 113° · 111° · 110°

D.A. · GREEN 3 · RED 49 · RED 54 · RED 1 · AMBER 2

TO KING HILL · TO ELKO · ELKO 22 · IDAHO · WYO. · NEV. · UTAH · TO ROCK SPRINGS · ROCK SPRINGS 26

STATUTE MILES 25 0 25 50

LAS VEGAS 75 | WINSLOW 77

TO MILFORD

OVER

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURLEY	272(BX)(116.1)	SBRAPZ-DTV;200°,2.7	(4);116.1
→ GOODING (new)	215(GG)(116.1)	MHTV	(4);116.1,122.1
→ IDAHO FALLS (Mun.)	359(IF)(116.1)	SBMRAZ-DTV;192°,2.6	(4);116.1
MALAD CITY (Int.)	314(WT)(116.1)	SBRAZ-DTV;131°,3.4	(4);116.1
→ POCATELLO	257(PQ)(vhf)	BMRLZ-DTV:56°.2.5	(4);116.1,122.1
STREVELL	335(TV)(116.1)	MHTV	(4);116.1

UTAH

CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212 (VZ)(116.1)	SBRAZ-DTV, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362(JL)(vhf)	BMRLZ-DTV,2°,4.4	(4);116.1,122.1
HILL (Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (JB)(116.1)	BMRLZ-DPV,156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-DTV,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
→ ROBERT H.HINCKLEY(Ogden)	284	CI	(4) (6-22)
SALT LAKE CITY	227 (SL)(116.1)	SBRAZ-DTXV;163°,2.9	(3); 116.1
Salt Lake City Arpt. #1	278 (118.3)	C (ILS-W)	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18

WYOMING

→ FORT BRIDGER (Int.)	382(HM)(vhf)	SBRAZ-VDT.228°.2.4	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE CITY	110.3 ••• -••-	335	343°	IM-	MM- ·-·- (0.71)	OM- -·· (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station **Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.**
Parenthetical Numbers in Frequency Column **Indicate VHF** Voice. **+ - Army A.C.S. transmits on and** guards 116.1, **137.88, 140.58 mcs.**

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW,rd W	4460	32 S6	73 oct.No sto.
Albert (Richfield)	5.2 NE,RR W	4400	23 S2	Ltd 80 oct.
American Falls	2 NE,RR NW	4404	38 S1	73 oct. Poles S.
Arco (NC)	1.5 ESE,hwy W	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE;rd S	5928	57h	
Buhl (NC)	5.7 W,crk W,E	3690	41	
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S4	80,91 oct.Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31 S1	80 oct.P-line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	73 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	73 oct.
(P) Gooding	3.5 WSW,hwy N	3730	49h R1 L5 S6	80,91 oct.
→ Gooding (old)	4 SSW			ABANDONED
(P) IDAHO FALLS	2 NW,riv,RR E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4460	29 L3	
Jerome	3.3 ENE	3980	31 S1	73 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30	Rough.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h L3	73 oct.
Montpelier	0.6 NNE,RR WSW	5900	30 S1	73 oct. Mtn NE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 S2	80 oct.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S4	80 oct. Poles, trees NNE.Rnwy data unver.
* Strevell Int, 10, SL-PO	0.3 NNW,hwy W	5270	31 R1 L2	Hwy S.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	30	(NC)
(P) Twin Falls	6.5 S,crk N	4200	40 S6	80,91 oct. No sto.
University (Ham's)(Pocatello)	1 ENE,hwy W	4600	35 S2	Hills N,S. No fuel.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	25	UNUSABLE.

INDIANA

* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W	5665	29 L2	
Yelland (Ely)	3.5 NNE,hwy E	6258	60h L3 S6	80 oct. Fld lgts prior req.

UTAH

Alta Arpk (Sandy)	2.3 E,RR W	4800	30	Hwy W.
Bountiful Sky Haven	2.6 WSW,rd E	4222	38 S4	80 oct. Pole line N,NW,SE.
Brigham	3 NW,RR S	4220	37 L3 S6	80 oct.
Carbon County (Price)	2.8 E,RR W	5800	43 S6	80 oct.
Delta	4.8 ENE,	4755	61h R1 L5 S2	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE,riv W	5700	55	Pole line W, NW.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	26 S6	80 oct. Mtn SSE.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	42 L3	
Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4413	50 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S2	No fuel.
Midvale	3 WSW,RR NW	4500	20 S4	73 oct. No sto.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S2	80 oct.
Myton (NC)	1 E,riv N	5090	31	
Nephi	2.5 NW,RR E	4800	48 S1	Ltd 80 oct.
Ogden Airpark	4 S,hwy NE	4700	31 S6	73 oct. No sto.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	
(P) Provo	2.8 WSW,RR N	4490	71h L5 S6	80,91 oct. Fld lgts prior req.
(NG) SALT LAKE CITY #1	2.5 WNW,RR S	4222	55h R3 L6 S6	73-100 oct.Rdo rec rqrd.Ltd 100 oct, 2-ech maint NG.
* Salt Lake City No. 2	10.5 SSW,RR W	4617	56h S4	73 oct.
Spanish Fork	2 NW,RR SE	4560	49 S6	80 oct.
Tooele (NC)	1.4 WSW,RR W	4800	30 S4	80 oct. No sto. Mtns SE.
Utah Central(Salt Lake City)	4 SW,RR N	4240	28 S4	73 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4237	81h R2 L5 S6	73,91,100 oct. JP-1.

WYOMING

Afton	0.3 SW,hwy E	6239	30 S5	73,80 oct. 40' trees N.
Big Piney (NC)	2 N	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston	3.6 SSW	6800	39 S1	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	56 S1	73 oct.
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	

NEW AIRPORTS

Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.
Evanston, new (Wyo.)	1 NE;hwys S,W	6740		80,91 oct.Pwrline W. Data unver.

RADIO — COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	BVAR-DTV	3105,3117.5;116.1,122.1
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	BVAR-DTV (ILS)	3105,4495,3117.5; 116.1,122.1
WYOMING			
CASPER(Wardwell)	269(CW)(116.1,111.1)	SBRAZ-DTV;256°,2	(4);116.1,122.1
CASPER AAF	396(126.18)	CA	(3); 126.18
DOUGLAS	251 (DQ)(116.1)	BHTV	(4):116.1
LARAMIE (Gen'l. Brees Field)	245(LR) (116.1, 111.1)	SBMRAZ-DTV 137°, 2.2	(4);116.1,122.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (new)	290(RT)(116.1)	SBRAZ-DTV, 246°,2.8	(4); 116.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
→ SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-DTV; 80°, 1.7	(4);116.1,122.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WALKER	110.3 ·----	335	110°	IM-	MM- ·-·-(0.69)	OM- -- (4.52)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

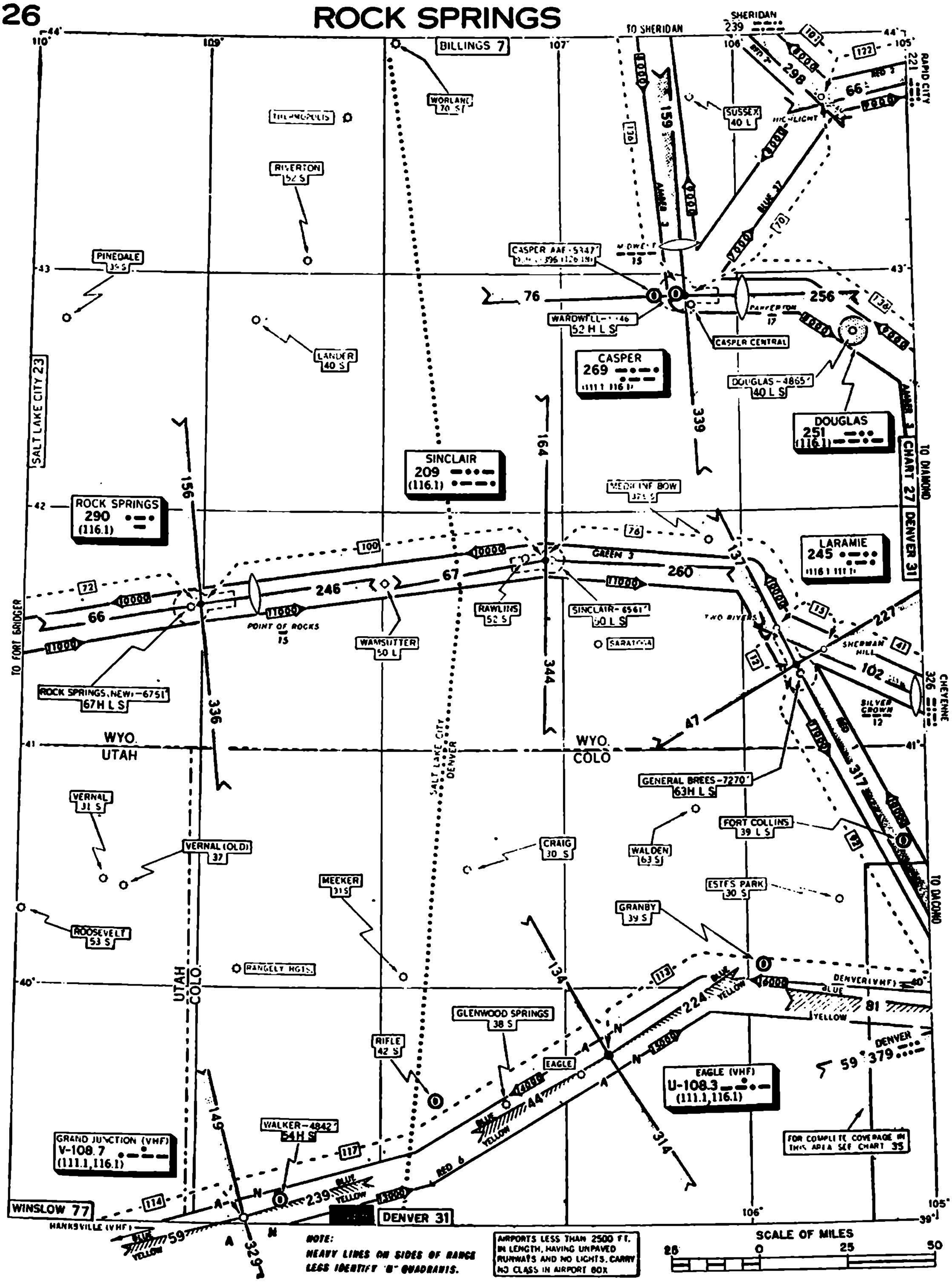
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	Closed till June '47
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE.
Glenwood Sprgs.	2 S	5900	38 S1	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.
UTAH				
Roosevelt	1.3 NE;hwy S	5000	53 S2	80,91 oct.Poleline SE,E
Vernal (new)	1 SSE;hwy N,E	5280	31 S6	80,91 oct.
Vernal (old)	7 ESE;riv 4 E	5200	37	

WYOMING

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h R1 L S2	100 oct.
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S1	73 oct.
General Brees (Laramie)	4 W;riv SE	7270	63h R1 L5 S6	73,91,100 oct.
Lander	1.5 S;riv W	5550	40 S2	73 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy NE	7200	39 S2	73 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS (new)	8.8 E;RR N	6751	67h R1 L5 S2	73,80,91,100 oct;80 oct daylgt hrs only.
Rock Springs (old)	3.8 NNW	6370	58	(NC)
* Sinclair Int,27, → SL-OH	3.8 ENE;RR S	6561	50 R1 L3	
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	33 S1	80 oct.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,91 oct.
(P) Worland	2.8 S;canal NW	4185	70 S1	80, 91 oct.
NEW AIRPORTS				
Casper Central (Casper Wyo.)	3 NE;RR S	5100	28 S2	80 oct.Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

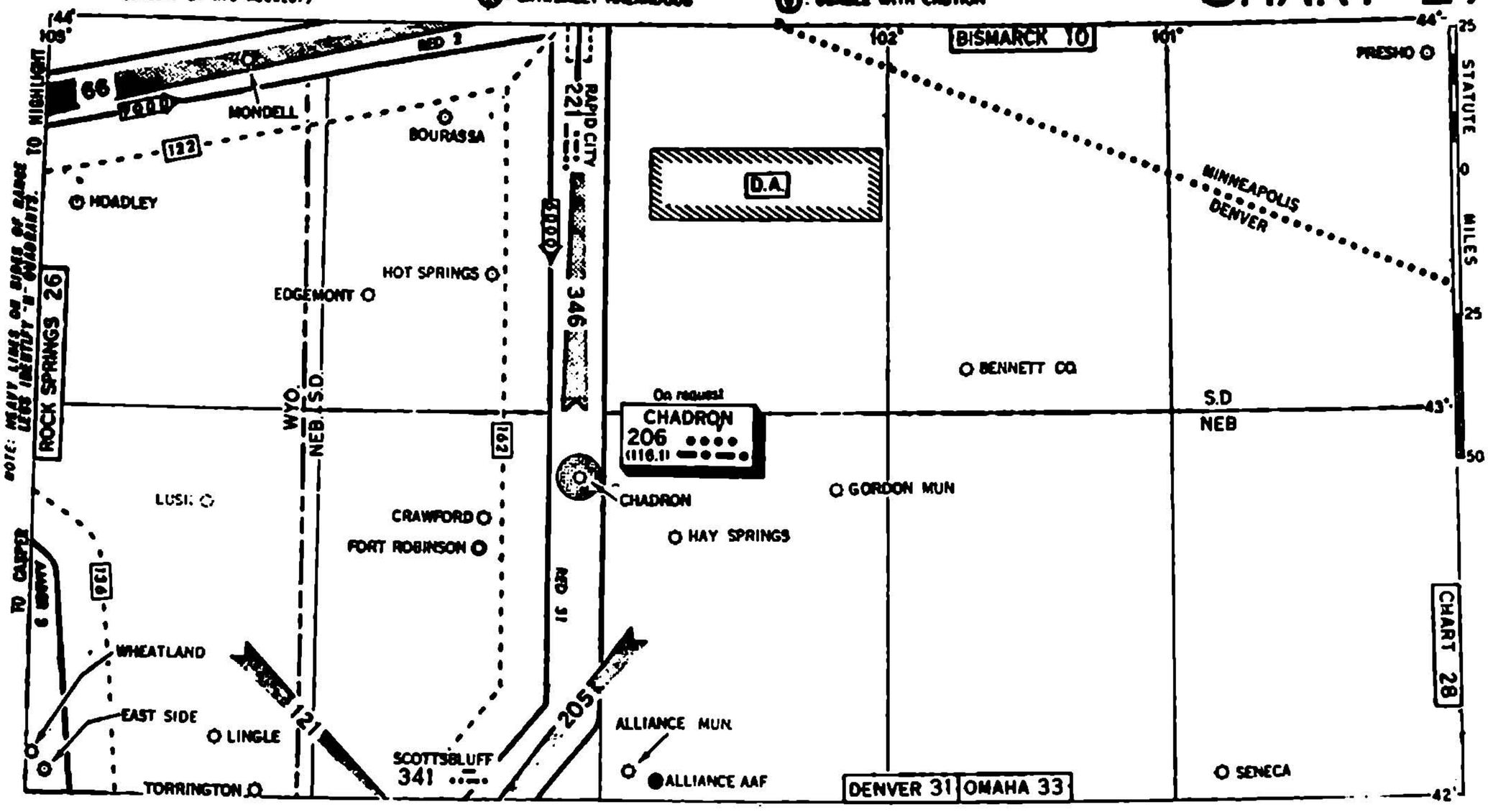
ROCK SPRINGS



● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

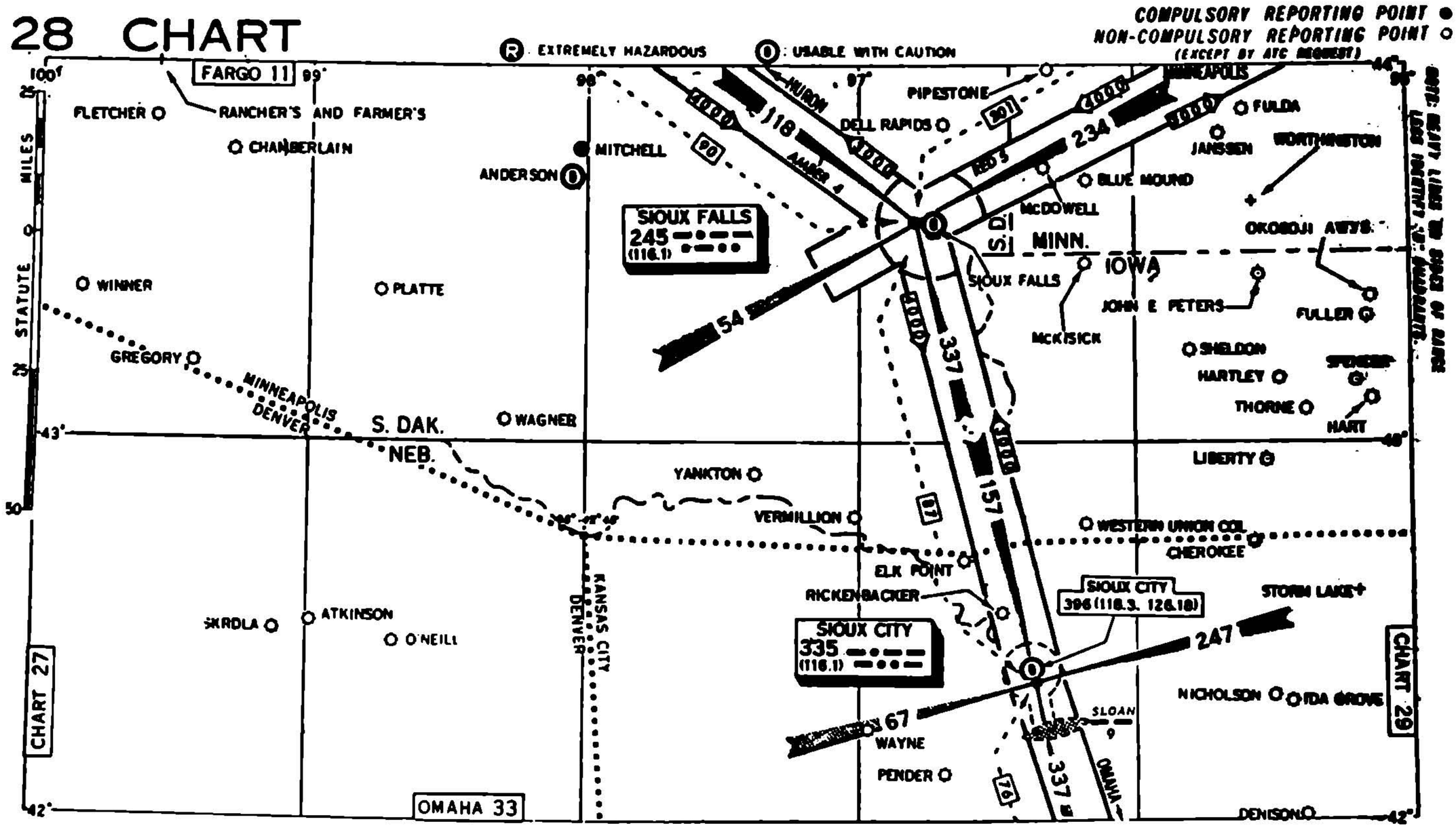
Ⓡ: EXTREMELY HAZARDOUS Ⓘ: USABLE WITH CAUTION

CHART 27



FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(A) Alliance AAF (Nebr) (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance Mun. (Nebr)	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
(P) Bennett Co. (Martin, S.D.)	4.4 SSE;riv N	3325	30 S1	73 oct. P-line sur fld.
Bourassa (Custer, S.D.)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W, NW
CHADRON H Fac. (Nebr)	206(HC)(116.1)		MHTV	(4); 116.1
(P) Chadron, 15, CX-HR (Nebr)	4.8 W;hwy S	3312	45 L3 S4	73 oct.
Crawford (Nebr)	3.8 NNW;hwy E	3676	35	Poles E,W.
East Side (Wheatland, Wyo)	0.7 E;RR W	4750	23 S4	80 oct.
Edgemont (S.D.)	1.1 SW	3575	30 S2	73 oct.
(A) Fort Robinson (Nebr) (A)	2 S;RR N	3920	18	
Gordon (Nebr)	1.3 E;RR N	3549	34 S4	73,80 oct.Poles N,S,W.
Hay Springs (Nebr)	2.5 W;hwy E	3840	17 S2	80 oct. P-line N.
Hoadley (Dull Center, Wyo)	9.4 NE	4176	24 S1	73,80 oct.
(P) Hot Springs (S.D.)	5.5 SSE;riv N	3075	52 S2	73 oct.
Lingle (Wyo)	1.2 N;RR S	4200	30	P-line SE.
Lusk (Wyo)	2.9 E;RR S	5000	47 S1	80 oct. Poles SE.
Modisett (Rushville, Nebr)	2.4 NE;RR S	3475	30	Bldgs, p-line E.
Mondell (New Castle, Wyo)	6.2 WNW;RR N	4260	36 S2	73 oct.
Presho Mun. (S.D.)	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.
Seneca (Nebr)	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW.
(P) Torrington (Wyo)	3.4 S;hwy W	4350	40 S2	73,91 oct. Pwr line S,W.
Valentine (Nebr)	1.5 SSE;hwy E	2579	18	Not maintained.Rough.Poles
→ (P) Wheatland,6,CX-GT (Wyo)	3.4 NNW;riv N	4648	46 L3 S6	80 oct. NE
NEW FACILITIES				

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
→ Ainsworth, mun.(Nebr)	7 WNW;RR S			ABANDONED
Anderson(Mitchell,S.D.)	2.7 W;RR N	1293	29 S6	80 oct.Poles sur fld.
Atkinson (Nebr)	1.4 SW;riv NE	2109	22	Trees S.P-line E,SE, N, NW.
Chamberlain (S.D.)	3.4 SE;hwy N	1689	26 S2	73,80 oct.Poles N,NW.
Cherokee (Iowa)	1 S;RR W,S	1218	19 S1	80 oct.
Dell Rapids Mun.(S.D.)	1.6 NE;RR SE	1450	20 S1	73 oct.
Denison (Iowa)	2.4 WSW;rivSE	1200	20 S2	80 oct.Trees SSW.
Elk Point (S.D.)	2.4 E;riv NE	1120	26 S2	80 oct.Poles N,NW.
Fletcher (Reliance,S.D.)	2 SE;RR NE	1600	20 S1	80 oct.
Fuller (Milford,Iowa)	0.7 NNW; hwy E	1440	36 S6	80 oct.Trees,poles E, W,S. Lake N.
Gregory (S.D.)	2.2 S;RR NE	2000	22 S2	73 oct.P-line E,SE.
Hart (Spencer, Iowa)	1.6 S;hwy N	1100	26 S4	80 oct.P-line NE,N.
John E. Peters (Och-eyedan, Iowa)	1.5 N;hwy S	1425	24 S2	80 oct.25' p-line S
Liberty (Sutherland,Ia)	2.1 WSW	1465	23 S6	80 oct.35'p-line E.RRW
McDowell (Luverne) Minn.)	8 NW;hwy W	1440	25 S2	80 oct.
McKisick (Rock Rapids, Iowa)	3 N;riv W	1361	31 S4	80 oct. Trees W
(A) Mitchell AAF (S.D.)(A)	4 N;hwy E	1292	67h	CLOSED.
Nicholson (Ida Grove,Ia)	1.9 WSW	1120	20 S1	80 oct. RR N.
Okoboji Airways (Spirit Lake, Iowa)	2.8 SW;hwy E	1450	20 S2	80 oct. Poles NE
Pender (Nebr)	1 NE;RR SW	1400	22 S2	73 oct.P-line S,SE.
Pipestone (Minn)	1 SE;RR E,W	1735	25 S6	80, 91 oct. No sto.
Platte (S.D.)	1.2 NNE;RR SW	1650	28 S1	80 oct.Poles SE,S.
Rancher's & Farmer's (Reliance, S.D.)	9 N;rd N,S		30 S1	73 oct.Data unver
Rickenbacker (Stevens, S.D.)	1 N;riv E	1114	28 S6	80, 91 oct.
Sheldon (Iowa)	5 NNE;RR W	1444	33 S6	80 oct.P-line S,W,SW,SE
SIOUX CITY Range (Iowa)	335(YX) (116.1)	337°, 1.9	SBMRLZ-DTV	(3);116.1,122.1
SIOUX CITY Tower (Iowa)	396 (126.18, 118.3)		AC	(4);126.18,118.3,122.5
(A) [Sioux City] (Iowa)	7 S;RR E	1097	69h L5 S4	80,91 oct.;91,100 oct.
SIOUX FALLS Range (S.D.)	245(YL) (116.1)	93°, 2.2	SBRAZ-DTV	(4); 116.1 mil.acft.
(NG) [Sioux Falls Mun.] (S.D.)	2.5 NNW;RR E	1420	57h L5 S6	80,91 oct;73,100 oct,
(P) Skrdla (Stuart,Nebr)	7.5 S	2090	30 S1	73 oct. 3-ech maint NG.
(P) Spencer (Iowa)	2.9 WNW	1335	40 S6	80,91 oct. RR S
Storm Lake (Iowa)	3.5 SW;lk NE	1460	38 S2	80 oct. Data unver.
Thorne (Moneta, Iowa)	2.5 S	1410	25 S2	80 oct.P-line,trees W.
Vermillion (S.D.)	3.8 WNW	1140	28 S4	80 oct.Poles N,RR NE.
Wagner (S.D.)	1.3 S;RR N	1464	30 S1	73 oct.Poles E,NW.
(P) Wayne (Nebr)	1.8 E;RR N	1475	33 S4	80 oct.P-line NW.
(P) Western Union (Le Mars, Iowa)	1.3 SW;RR SE	1190	30 S6	80 oct. Low obst
Winner (S.D.)	1.3 NE;RR SW	2030	26 S6	80,91 oct.
Worthington (Minn)	1.5 NNE		33 S6	80 oct. Data unver.
(P) Yankton (S.D.)	2.3 N;hwy W	1400	37 S6	80 oct. Tvr E

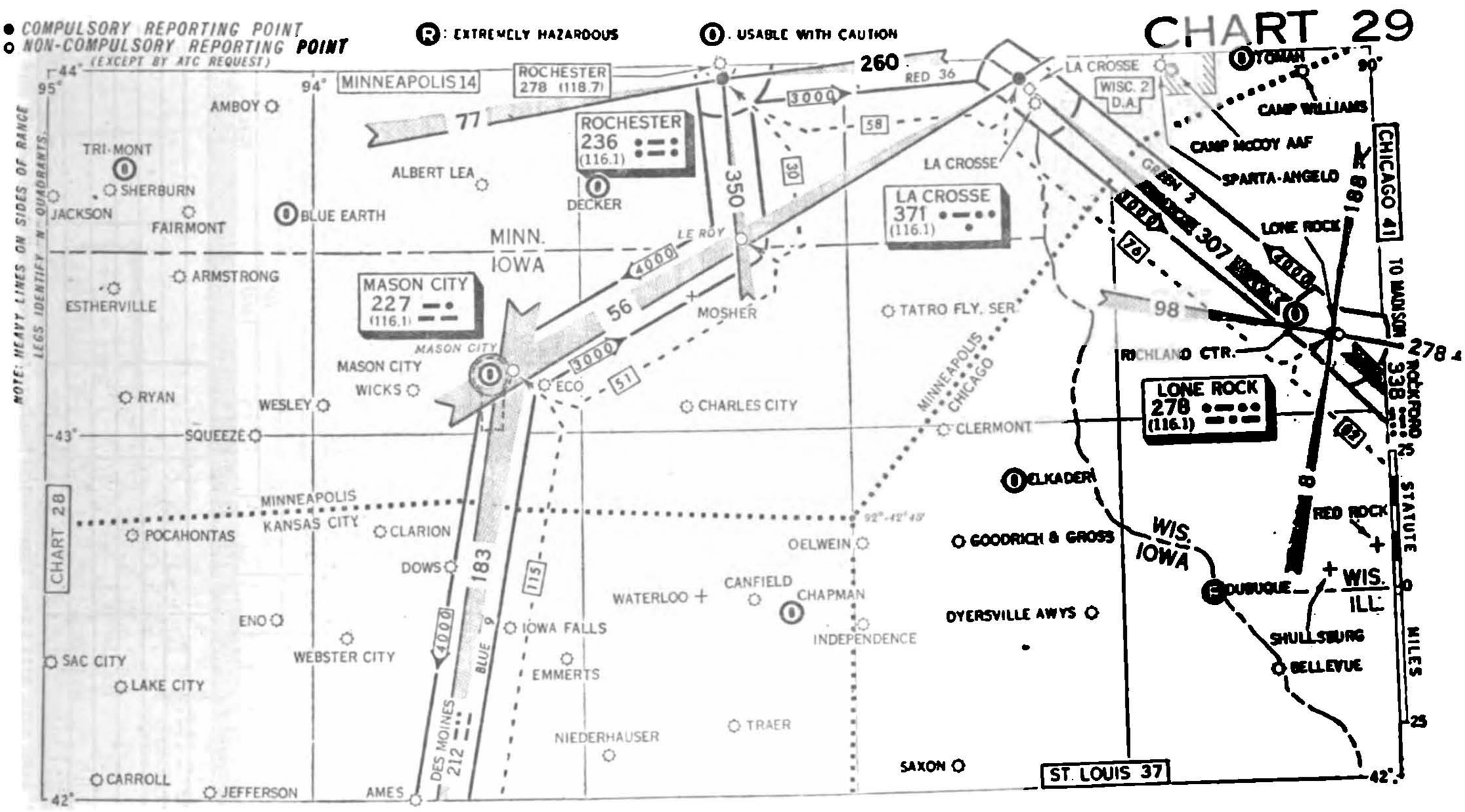
S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kms. (4)-3105, 4495, 6210, 7117.5 kms. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.50, 140.55 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities L-lighting facilities S-servicing (see page IV) →← NEW OR REVISED DATA (NC)-Not charted [Icons]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

CHART 29

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.



FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Lea (Minn)	2.3 N;RR E	1255	32 S6	80 oct. P-line N
Amboy (Minn)	1 NNE;RR W	1000	24 S2	80 oct.
Ames (Iowa)	2.5 SSW;RR NW	920	25 S6	80 oct. Lgt acft only.
Armstrong (Iowa)	3.2 NW;hwy S	1250	22 S1	Ltd 80 oct. Trees E.
Bellevue (Iowa)	3 N;RR W	652	19 S1	80 oct.
Blue Earth (Minn)	3 S;RR E	1111	26 S1	80 oct. Flares on req.
(A) Camp McCoy (Wis)(A)	2 SSW	830	50	
(P) Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h	
Canfield (Waterloo,Iowa)	3.5 NW;RR NE	800	32 S6	87 oct. P-line N.
Carroll (Iowa)	4.2 ESE;RR N	1196	34 S2	80 oct.
Chapman (Waterloo,Ia)	5 E;RR NW	870	33 S6	80 oct. P-lines S.
Clarion (Iowa)	1.1 NW	1162	27 S6	80 oct.
Clermont (Iowa)	0.8 S;riv W	800	21 S6	80 oct. P-line SE,NE.
Conrad (Iowa)	3 WNW;RR S			ABANDONED.
Decker (Austin, Minn)	1.7 E;hwy N	1224	29 S6	80 oct. No sto. N,S,W
Dows (Iowa)	1.5 SSE;RR NE	1144	26 S2	80 oct. blckd.
(P) Dubuque (Iowa)	1.9 NE;riv E	602	27 S6	80 oct. Poles SE,NW.
Dyersville Arwys (Ia)	0.8 S;RR NE	940	16 S1	80 oct. Pwr lines NW,
Elkader (Iowa)	1.1 ESE;RR S	915	19 S2	80 oct. P-line NW. NE. Rnwy data unver.
(P) Emmerts (Eldora,Iowa)	2.8 NE;lk SW	1000	32 S6	80 oct. Poles NW,SE.
Eno (Ft. Dodge, Iowa)	2.5 E;hwy W	1126	27 S6	91 oct.
(P) Estherville (Iowa)	3.5 E;hwy S	1298	35 L S6	80 oct. Port rnwy lgts. Poles SE,SW.
Fairmont (Minn)	3.1 S;hwy W	1190	25 L S1	80 oct. P-line W. Flares
Goodrich & Gross (Strawberry Pt,Iowa)	3.5 W;RR NE	1200	19 S1	Ltd 80 oct. on req.
Grundy Center (Iowa)	1.3 ENE;RR S			ABANDONED
Henry's (Floyd, Iowa)	5 NNE;RR W	1110	14 S1	ABANDONED
Independence (Iowa)	4.1 W;RR E	990	23 S2	80 oct. Poles N.
Iowa Falls (Iowa)	4.1 S;RR E	1140	24 S2	80 oct.
Jefferson (Iowa)	0.8 NNW;RR S	1052	23 S6	80 oct. No sto. P-line N.
LA CROSSE Range (Wis)	371 (LE) (116.1)	127°, 1.8	SBRAZ-DTV	(4); 116.1 No flood lgts.
(P) La Crosse (Wis)	5 NNW	653	53h L5 S4	80,91 oct. Bet rivs.
* La Crosse Int,23A, CG-Twin Cities(Wis)	8 NNW; RR NE	667	37 L3	Pole E.
Lake City (Iowa)	3.5 NNE;RR S	1200	26 S1	80 oct.
LONE ROCK Range (Wis)	278 (LK) (116.1)	98°, 0.0	BMLZ-DTV	(4); 116.1
* Lone Rock Int,15,CG-Twin Cities (Wis)	2 N;rd W,N	714	39 L6 S2	80,91 oct. No flood lgts. P-line NE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
MASON CITY H Fac. (Ia)	227(NM)(116.1)		BHTV	(4);116.1(Oper.cont.)
(P) Mason City (Iowa)	7 W;hwy S	1215	56h L5 S6	80,91,100 oct. Poles
Mosher (Riceville,Ia)	1 W;hwy S	1263		80 oct. P-line S. SSE. Data unver.
Niederhauser (Marshalltown, Iowa)	2.3 N;hwy E			ABANDONED
Pocahontas (Iowa)	0.8 E	1216	25	Pole line SW.
Red Rock (Darlington)	5 SE;RR E		12 S1	80 oct. Data unver. (Wis)
Richland Center (Wis)	6 SSE;hwy W		23 S1	80 oct. Trees E,S. Data
ROCHESTER Range (Minn)	236 (RR) (116.1)	350°, 2.6	BMRLZ-DTV	(3); 116.1 unver.
ROCHESTER Tower (Minn)	278 (118.7)		C	(4); 118.7,122.5
Rochester Mun (Minn)	1.7 SSE;RR W	1040	43h L4 S6	80,91 oct. P-line E,N,W
Ryan (Emmetsburg,Ia)	1.3 W;RR N	1225	18 S2	80 oct. Trees NW.
Sac City (Iowa)	3 SSE;riv W	1160	19 S2	80 oct.
Saxon (Cedar Rapids,Ia)	7 NE;hwy S	880	31 S6	80 oct. Trees E,SE.
Sherburn (Minn)	2 WNW;RRs S,E	1300	21 S2	80 oct. Pwrline ESE.
Shullsburg (Wis)	0.5 S	1000	18 S1	80 oct. Trees SW. Data
Sparta-Angelo (Wis)	2.2 NE;RR E	800	25 S4	80 oct. Poles unver, sur fld.
Squeeze (Algona,Iowa)	5 S;riv S	1201	26 S2	80 oct. P-line NW,W.
Tatro Fly.Svc.(Decorah)	2.6 NW;riv W	918	26 S2	80 oct. (Iowa)
Tomah (Wis)	1 E;hwy S.	970	18 S4	80 oct. 180' hill E
Traer (Iowa)	1 ENE;RR SW	895	18 S2	80 oct. P-line E.
Tri-Mont (Triumph)	0.9 S;RR W,E	1250	24 S1	80 oct. (Minn)
(P) Waterloo (Iowa)	4 NW;RR S,E		54h L5 S1	80,91 oct. Data unver. No flood lgts.
Webster City (Iowa)	3.3 SW;riv E	1100	26 S4	80 oct. No sto.
Wesley (Iowa)	1.5 E;RR N	1250	31 S1	80 oct. P-line N,S.
Wicks (Garner, Iowa)	1.8 NW;RR S	1230	26 S2	80 oct. Poles NW,SW
NEW FACILITIES				

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 118.1 mcs +Army A.C.S. transmits on and guards 116.1, 127.00, 140.50 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) ➔ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

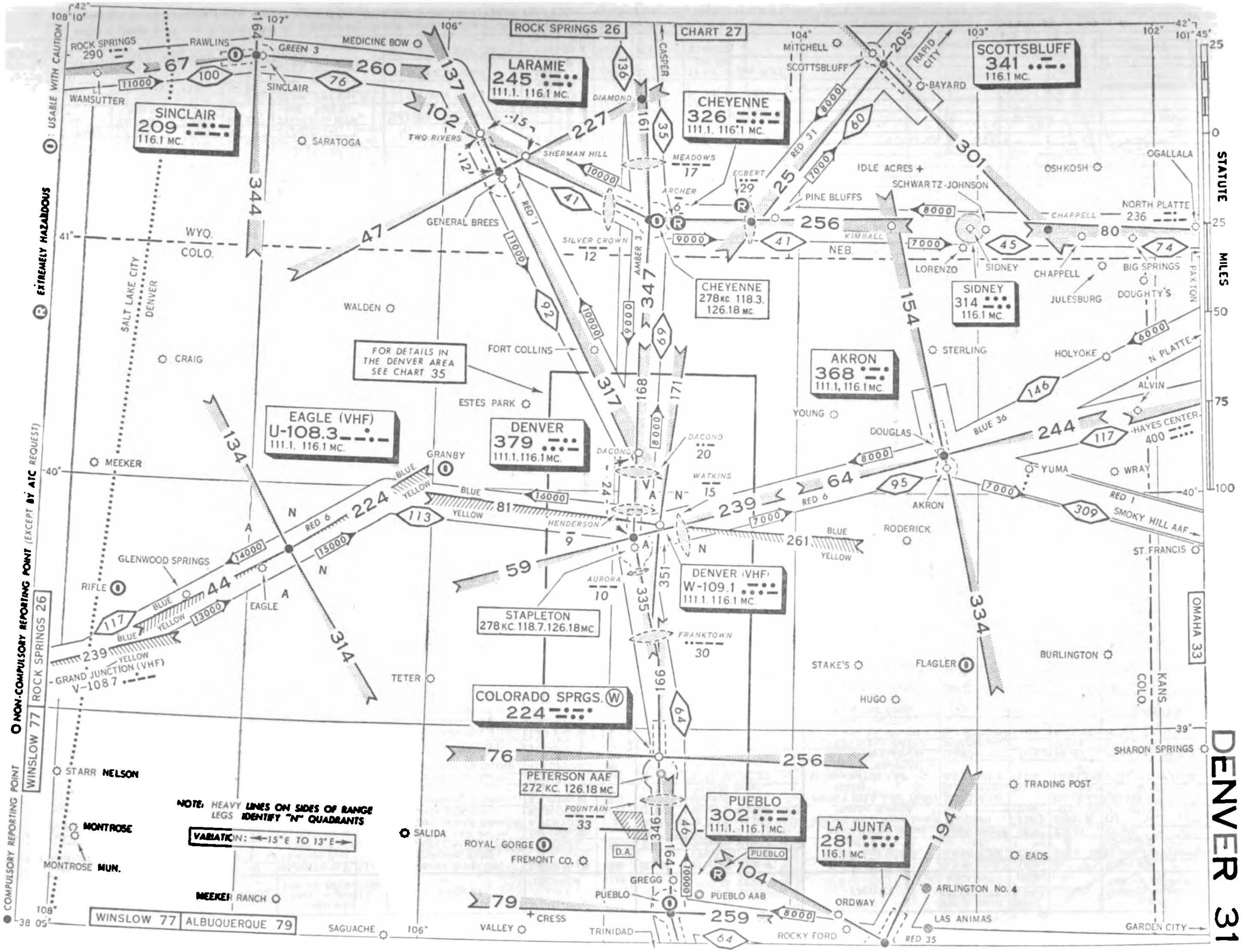
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
AKRON Range (Colo)(Int.)	368(RN)(vhf)	154°,3.6	SBMRAZ-DTV	(4);116.1,122.1
* Akron Int,9,DV-GI(Colo)	3.9 SE;RR N	4585	53 L3	
* Alvin Int,15,DV-GI(Colo)	3.5 NNE	3600	40 L3	Roads S,N.
ANTON Range (Colo)				DECOMMISSIONED
(A) Arlington #4 (La Junta, Colo) (A)	28 NNE	4424	70h	CLOSED. Arlington 3.3 WNW.
Bayard (Nebr)	1.3 SSW;RR N	3760	25 S2	No fuel. Poles N,E,NW,
* Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	P-line E. (Nebr). SE.
Burlington (Colo)	0.5 W	4160	32	P-line S,N.
→ Chappell (Nebr)	3 E;RR SW	3830	26 L1 S2	73 oct. P-line W.
CHEYENNE Range (Wyo)	326(CX)(vhf)	76°,0.9	SBRAZ-DTV	(3); 116.1, 122.1
CHEYENNE Tower (Wyo)	278(126.18, 118.3)		C	(4);118.3,126.18,122.5
(NG) [Cheyenne] (Wyo)	1 N;lakes WNW	6156	79h L6 S6	80,91 oct.;73,91,100 oct.for Army.80,100 oct,2-ech maint NG. Poles W.
COLORADO SPRINGS Range (Peterson) (Colo)	224 (CD)	166°,3.9	MRLWZ	
(P) Craig (Colo)	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Cress (Westcliffe,Colo)	6 NW	8000	30 S1	80 oct.
DENVER Range (Stapleton) (Colo)	379(DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER Range (Stapleton) (Colo)	109.1(DV) (vhf)	211°, 9.7	VAR-DTXV	(3);116.1,122.1
Doughty's (Julesburg)	12 ESE	3600	18	PRIV.Use in emerg
Douglas (Akron,Colo)	0.8 N	4400	28 S1	73 oct. (Colo)
Eads (Colo)	1.3 WSW;RR N	4210	46 S6	80 oct.No sto.Poles NE.
EAGLE Range (Colo) (6 mi ENE Eagle)	108.3 (EQ) (vhf)		BVAR-DTV	3105,3117.5; 116.1, 122.1
Eagle (Colo)	4.5 WSW;RR N	6496	34	
Estes Park (Colo)	2 SE;riv N	7635	30	Closed till June 1947.
Flagler (Colo)	0.8 S;RR N	4975	48 S4	80 oct.20' p-line E.
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE
Fremont Co.(Canon City, Colo)	6.9 E;riv S	5350	49 S2	80 oct.Rnwy data unver. (Colo)
General Brees (Laramie)	4 W;riv SE	7270	63h L5 S6	73,91,100 oct. (Wyo)
Glenwood Sprgs.(Colo)	2 S	5900	38 S1	73 oct.
Granby (Colo)	1 ENE;riv W	8200	39 S1	80 oct.
Gregg (Pueblo, Colo)	6 N;RR,hwy E	5000	40 S1	80 oct.
→ Holyoke (Colo)	1.8 ESE	3720	35 S4	80 oct. RR NW.
Hugo (Colo)	1.5 E;RR S	5034	26 S1	80 oct.
Idle Acres (Potter,Nebr)	11.8 N;hwy N	4550	21 S4	80 oct.P-line W.Data unver.
Julesburg (Colo)	2.8 SW;hwy W	3490	24 S6	80 oct.
LA JUNTA Range (AAF)	281(LH)(116.1)	194°,2.6	SBMRLZ-DTV	(4); 116.1 (Colo)
LARAMIE Range (General Brees) (Wyo)	245(LR)(vhf)	137°,2.2	SBMRAZ-DTV	(4); 116.1, 122 1
(A) Las Animas (La Junta, Colo) (A)	19 NE	4119	70h	CLSD.Las Animas 5.9 mi SSE.
Lorenzo (Nebr)	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct.Cattle on fld.
Medicine Bow,31,SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct. (Wyo.)
Meeker (Colo)	1.3 E;hwy S	6300	31 S1	80 oct
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	(Colo)
Mitchell (Nebr)	1.6 S;riv N	3950	40 S6	73,80 oct.Trees,poles NW.
→ Montrose Mun. (Colo)	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
→ Montrose (Colo)	1.3 S;RR NE	5800	33 S4	80 oct.
Ogallala (Nebr)	2 W;RR S	3250	26 L1 S6	80 oct.Poles S,SE,SW
Ordway (Colo)	0.9 S;RR N	4300	40	NOT MAINTAINED.
Oshkosk (Nebr)	1.8 SE;riv S	3375	21 S1	Ltd 80 oct.Poles NW,NE
PETERSON Tower (Colo)	272 (126.18)		CA	(4); 116.1, 126.18
(A) [Peterson](Colorado Springs, Colo)(A)	6.3 E;hwy N	6170	85h L5 S6	73,91,100 oct. No sto.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	73 oct.P-line N.(Wyo)
PUEBLO Range (Colo)	302(PU)(vhf)	340°,2.0	SBRAZ-DTV	(3);116.1,122.1
(P) [Pueblo] (Colo)	2.1 SW	4853	53h L5 S6	80,91 oct.
(A) Pueblo AAB (Colo)(A)	7 NE;RR S	4712	88h	TMP INACT.NO FACS.
Rawlins (Wyo)	2.3 NE;RR I S	6780	52 S4	80, 91 oct.
(P) Rifle (Colo)	3.3 E;riv N	5400	42 S2	80 oct.
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 mi S.
Roderick (Lindon,Colo)	4.3 N;riv E	4900	26 S1	73 oct. (Colo)
Royal Gorge (Canon City, Colo)	6.4 NW;hwy N	6320	26 S2	80,91 oct.P-line N
(P) Saguache (Colo)	2 W;hwy NE	7700	48 S1	80 oct.
St. Francis (Kans)	1 SSE;riv NW	3400	35 S2	80 oct.
→ Salida (Colo)	4 W;RR S	7500	36 S2	80 oct.
Saratoga Mun. (Wyo)	0.7 SSW;hwy E	6900	47 S1	80 oct.P-line ESE.
Schwartz-Johnson (Sidney, Nebr)	1.6 SSE;RR N	4120	32 S1	73,80,91 oct.Hwy N
SCOTTSBLUFF Range(Nebr)	341(TF)(116.1)	301°,3.1	SBMRLZ-DTV	(4); 116.1
(P) [Scottsbluff] (Nebr)	3.3 E;hwy S	3945	82h L5 S1	80,91 oct.Lgts on req.
Sharon Springs (Kans)	1.2 NW;RR S	3500	32 S1	80 oct. P-line E.
SIDNEY H Fac. (Nebr)	314(SD)(116.1)	350°,0.0	BH-DTV	(4);116.1,122.1
* Sidney Int,50,SL-OH	3 W;RR N	4132	36 L3 S1	Ltd 73,80 oct. (Nebr)
SINCLAIR Range (Wyo)(Int)	209(XP)(116.1)	80°,1.7	SBMRAZ-DTV	(4);116.1,122.1
* Sinclair Int,27,SL-OH	3.8 ENE;RR S	6561	50 L3	
Stake's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct. (Colo)
STAPLETON Tower (Colo)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,126 18,118 7
[Stapleton](Denver,Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
(P) Starr Nelson(Delta,Colo)	4 E;rd N	5200	40 S4	80 oct.
Teter (Fairplay,Colo)	3 SSE;hwy E	9700	67	
(P) Trading Post(Kit Carson)	0.8 NW;crk E	4290	40	PRIV.P-line S.(Colo)
Valley (Silver Cliff,Colo)	0.7 ESE	8000	40	Hwy W
Walden (Colo)	1.5 N;hwy W	8250	63 S1	80 oct.
Wamsutter Int,22,SL-OH	2.4 NNW;RR S	6812	50 L3	35' pole line SW.(Wyo)
Wray (Colo)	1.2 NNW;RR S	3400	30 S1	Ltd 73 oct.
(P) Young (Ft.Morgan,Colo)	6 N;hwy E	4460	54 S6	73,80 oct.Rnwy data unver.
Yuma (Colo)	1.4 SSE;RR N	4150	35 S6	73 oct.Poles S,SW

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
STAPLETON	110.3 — ·· ···· —	335	206°	IM-	MM- ·—·—· (0.65)	OM- — — (4.19)
					MMH- 335 ···—	OMH- 359 —··
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.68 mcs *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop N.B. Radio facilities are all CAPITALIZED Airports are indented and non-capitalized


ROCK SPRINGS 26
CHART 27
SCOTTSBLUFF 341 116.1 MC.
LARAMIE 245 111.1. 116.1 MC.
CHEYENNE 326 111.1. 116.1 MC.
SINCLAIR 209 116.1 MC.
CHEYENNE 278 KC. 118.3. 126.18 MC.
SIDNEY 314 116.1 MC.
AKRON 368 111.1, 116.1 MC.
EAGLE (VHF) U-108.3 111.1. 116.1 MC.
DENVER 379 111.1.116.1 MC.
DENVER (VHF) W-109.1 111.1. 116.1 MC.
STAPLETON 278 KC. 118.7. 126.18 MC.
COLORADO SPRGS. (W) 224
PETERSON AAF 272 KC. 126.18 MC.
PUEBLO 302 111.1. 116.1 MC.
LA JUNTA 281 116.1 MC.
GRAND JUNCTION (VHF) V-1087
ROCK SPRINGS 290
RAWLINS
WAMSUTTER
SINCLAIR
SARATOGA
MEDICINE BOW
GREEN 3
TWO RIVERS
SHERMAN HILL
GENERAL BREES
DIAMOND
MEADOWS 17
ARCHER
SILVER CROWN 12
CASPER
MITCHELL
SCOTTSBLUFF
RAPID CITY
BAYARD
IDLE ACRES +
SCHWARTZ-JOHNSON
PINE BLUFFS
OSHKOSH
OGALLALA
NORTH PLATTE 236
CHAPPELL
LORENZO
SIDNEY
JULESBURG
BIG SPRINGS
DOUGHTY'S
KIMBALL
NEB.
WYO.
COLO.
WALDEN
CRAIG
SALT LAKE CITY
DENVER
FOR DETAILS IN THE DENVER AREA SEE CHART 35
FORT COLLINS
ESTES PARK
MEEKER
GRANBY
STERLING
HOLYOKE
N PLATTE
ALVIN
HAYES CENTER 400
YOUNG
DOUGLAS
BLUE 36
YUMA
WRAY
AKRON
RODERICK
ST. FRANCIS
SMOKY HILL AAF
OMAHA 33
KANS.
COLO.
BURLINGTON
STAKE'S
FLAGLER
HUGO
SHARON SPRINGS
TRADING POST
EADS
ARLINGTON No. 4
LAS ANIMAS
GARDEN CITY
ROCKY FORD
ORDWAY
PUEBLO AAB
GREGG
PUEBLO
FOUNTAIN 33
ROYAL GORGE
FREMONT CO.
SALIDA
D.A.
CRESS
VALLEY
TRINIDAD
SAGUACHE
TETER
AURORA 10
FRANKTOWN 30
DACONO 20
WATKINS 15
HENDERSON 9
GLENWOOD SPRINGS
RIFLE
EAGLE
MONTROSE
MONTROSE MUN.
MEEKER RANCH
STARR NELSON
WINSLOW 77
ROCK SPRINGS 26
ALBUQUERQUE 79
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 15°E TO 13°E
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
DENVER 31

FACILITY	FREQ. IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Abilene (Kans)	1.7 WSW;RR N	1100	20 S6	80 oct. Trees E. P-line
Arrow (Lincoln, Nebr)	4.8 NE;hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts. SE
Atwood (Kans)	2 N;hwy W	2900	26 S1	73 oct. Data unver.
(E) Beatrice (Nebr)	3.5 N;hwy E	1260	38h L3 S4	80 oct. Twrs SSW; poles S. Rnwy data unver.
Belleville (Kans)	1.8 WSW;hwy S	1520	24 S2	73 oct.
Benkelman (Nebr)	1.2 NNE;RR SE	2990	28 S2	80 oct.
Bern (Kans)	0.6 S;RR N	1300	26 S1	80 oct. Pwr line N.
Blosser (Concordia, Kans)	1 SSE;hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
Brainard Int, 82, SL-OH	5.5 SW;hwy W	1640	31 L3	(Nebr)
Broken Bow (Nebr)	2 N	2400	30 S6	80 oct.
(A) Bruning AAF (Nebr)(A)	7.7 E;RR N	1544	68h	CLOSED.
Central (Grand Island, Nebr)	1.7 NE;RR S	1851	33 S6	73,80 oct. P-lines W,S N,E.
(P) Clay Center (Kans)	1.5 W;hwy S	1200	30 S2	80 oct. Poles S,NW.
Clay Center (Nebr)	1.5 E;hwy N	1800	26 S2	80 oct.
Clothier (Cedar Point, Kans)	4 SSW;creek E	1320	20 S2	73 oct.
Colby (Kans)	1.8 N;RR S	3150	42 S2	80 oct. Poles SW,W.
Columbus (Nebr)	1.3 NE;RR S	1445	26 S6	P-line SSE,SSW.
Crete (Nebr)	1 S;RR NE	1368	24 L3 S2	73 oct. Lgts prior req.
David City (Nebr)	1.5 N;hwy W	1640	22 S2	80 oct. Windmill E.
Downs (Kans)	Adj SW;RR N	1550	20 S2	80 oct. RR NW. Data unver.
Eddie Hutton (Brewster, Kans)	1 SE;RR N	3420	35 S2	73 oct.
Elgin (Nebr)	0.8 SW;RR E	1930	16 S6	80 oct. Bldgs SE,N.
Elkins (Wakefield, Kan)	1 SSE;riv NE	1170	13 S1	80 oct. Poles W.
Ellinwood (Kans)	1.5 NW;RR S	1790	26 S1	73 oct. Poles N.
Emporia (Kans)	5.4 S;hwy E	1200	26 S6	80 oct. Poles E,SE,NE
Fairbury (Nebr)	2.5 NNE;RR SE;hwy SE	1316	26 L S6	80 oct. Port rnwy lgts P-line W,NW,S
(A) Fairmont AAF (Geneva, Nebr) (A)	4.8 NE	1639	70h	CLOSED
(P) Fremont (Nebr)	1.4 WNW; RRs NE	1203	38h S4	80,91 oct. P-line N. NE,E,SE.
Giffin-Orton (Hoisington, Kans)	1.3 NE;hwy S	1870	25 S2	80 oct. Poles S
GOODLAND H Fac. (Kans)	353 (GN)		HW-T	
GOODLAND Range (Kans)				DECOMMISSIONED.
(P) Goodland (Kans)	2 NNE;RR N	3689	37 S6	80,91 oct. Trees NW
Gothenburg (Nebr)	Adj E;hwy S		32 S2	80 oct. Data unver.
GRAND ISLAND Range (Nebr)	263 (GI)(vhf)	165°, 1.3	SBMRLZ-DTV	(4); 116.1, 122.1
GRAND ISLAND AAF Tower (Nebr)				DECOMMISSIONED
(A) Grand Island AAF (Nebr) (A)	3.5 NE;RR W	1843	72h	CLOSED
(A) Great Bend AAF (Kans) (A)	4.5 WSW	1891	80h	CLOSED
Great Bend Arpk. (Kan)	1.6 NNE;RR W	1850	26 S2	80 oct. Poles W.
(A) Harvard AAF (Nebr)(A)	2.5 NE	1817	76h	CLOSED.
Hastings (Nebr)	1.5 NW;RRs N,S	1940	35 S6	73 oct.
Hastings Sky Ranch (Nebr)	3.2 WSW;RR N	1960	30 L S6	80 oct. Port rnwy lgts. Rnwy data unver. P-line S.
Hawks (Bruning, Neb)	4 SE;hwy N	1500	26 S2	Fuel. Data unver.
HAYES CENTER Range (Nebr)	(400)(KB)(vhf)	64°, 2.2	SBMRAZ-DTV	(4); 116.1, 122.1
Hayes Center Int, 21, DV-GI (Nebr)	3 ENE;rd S	3074	51 L3	
Hays (Kans)	1.5 E;RR S	2020	29 L S6	80,91 oct. Port rnwy
Hebron (Nebr)	1 S;RR W	1458	26 S4	80 oct. S appch lgts 6:1, SW 10:1.
Herington (Kans)	1.5 SE;RR W	1450	27 S6	80 oct. P-line N. Data
(A) Herington AAF (Kans)	7.5 ENE	1485	69h	CLOSED. (A) unver
Hewett's (Beaver City, Nebr)	2.5 NNE; hwy S	2300	40 S1	73 oct. Pole NNW, SSW. Bldg N
Hiawatha (Kans)	1.3 WSW;RR E	1110	24 S1	80 oct. Pwr line N.
Holdredge (Nebr)	2 NNE;crk S	2324	26 S4	80 oct.
Holyrood (Kans)	0.5 ESE;RR N	1820	17 S1	73 oct. Poles N.
Huntoon (Topeka, Kans)	5.4 W;riv N	1000	18 S6	80 oct. Pwr line N.
Imperial (Nebr)	1 ESE;RR SW	3280	36 S4	80 oct.
Janssen Skytel (Mc Pherson, Kans)	1.5 SW;hwy N	1500	22 S6	80 oct. Hi-line W. Poles E.
KEARNEY Army H. Fac.	536 (DKR)	130°, 5.3	HW	(Nebr)
KEARNEY AAF Tower	396 (126.18)		CA	(4); 126.18 (8-1630)
(A) Kearney AAF (Nebr)(A)	4.5 ENE;RR S	2130	73h L5 S6	73,91,100 oct. JP-1. No sto
Kearney (Nebr)	4.5 S;riv N	2145	15 S1	80 oct. Trees N;p-line E
Larkinburg (Kans)	0.3 E;hwy N	947	27 S2	80 oct. Hi-lines N. Data unver.
Larned Mun. (Kans)	1.6 NNE	2012	33 S6	80,91 oct. RR SE.
LEBO Range (Int.) (Kans)	311 (LN)(116.1)	336°, 0.0	BMLZ-DTV	(4); 116.1
Lebo Int, 39, AQ-KC	4 ENE;RR N	1160	33 L3	(Kans)
Lenora (Kans)	1.2 NNW;hwy S	2325	29	
Lexington (Nebr)	1 W;RR S	2400	32 S5	Data unver.
LINCOLN Range (Nebr)	385 (HK) (116.1)	170°, 2.4	SBMRLZ-DTV	(4); 116.1, 122.1
(NG) Lincoln (Nebr)	5.5 NW;RR NE	1190	71h L5 S1	80,91 oct. Fld lgts prior req.
Lyons (Kans)	1.4 W;hwy N	1950	26 S6	80 oct. P-line N.
Manhattan (Kans)	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan, Kans)	3.7 ENE;hwy S	1050	30 S6	80,91 oct. Poles sur fld.
Mankato (Kans)	0.8 ESE;RR S			ABANDONED
(P) Marion (Kans)	1.8 ESE;RR W	1370	36 S2	80 oct. P-line SE.
MARSHALL Army Range (Ft. Riley)(Kans)	215 (DFY)	196°, 4.0	SBMRAZ	
MARSHALL Tower (Kans)	396 (126.18)		CA	(3); 126.18
(A) Marshall (Ft. Riley, Kans) (A)	1.8 SE	1062	45h L5 S6	73,91,100 oct. Ditch E, S.
McCook (Nebr)	2.2 E;RR S	2586	42 S4	80 oct. Windmill N. Hwy
(A) McCook AAF (Nebr)(A)	9 NNW;hwy E	2784	75h	TMP INACT. NO FACS. S
McPherson (Kans)	4 NNE;RR W	1500	26 S6	80 oct. Soft when wet. Poles E.
Moritz (Beloit, Kans)	1.2 NW;RR S	1420	24 S2	73 oct. Trees E.
MORLAND Range (Kans)				DECOMMISSIONED.
Moundridge (Kans)	2.2 WNW	1485	17 S2	Ltd 80 oct. Poles W RR
(P) Norfolk (Nebr)	3 SSW;RR W	1572	58h S4	73 oct. Riv N. NE
NORTH PLATTE Range (Lee Bird)(Nebr)	236 (NQ)(vhf)	352°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
[North Platte] (Nebr)	3.2 ESE;riv SW	2779	55h L5 S6	73,80,91,100 oct.
(P) Norton (Kans)	0.7 NNW;hwy E	2365	52 S3	73 oct. P-line E,S.
Oberlin (Kans)	0.9 NW;RR SE	2684	25 S1	80 oct. P-line SE,NE.
Ohiowa (Nebr)	3 SW	1572	20	Fence sur fld. Data unver.
OMAHA Range (Nebr)	320 (OH)(vhf)	146°, 0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE; ik W	982	54h L6 S6	73,80,91,100 oct. No contact lgts.
100th Meridian (Cozed, Nebr)	0.8 SW;RR N	2490	22 S1	80 oct. P-line E.
Ord (Nebr)	1 NW		32 S2	80 oct. Data unver.
Overton Int, 69, SL-OH (Nebr)	4.8 E;RR S	2300	40 L3	Bldgs, trees NW; poles NE.
PHILLIP BILLARD Tower (Topeka, Kans)	278		CI	(3) (sunrise to sunset)
[Phillip Billard] (Topeka, Kans)	3.5 ENE;RR S	879	42h L5 S6	80, 91 oct.
(P) Phillipsburg (Kans)	1.5 S;RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan, Kans)	1.4 NE;RR SE	1100	20 S4	80 oct. Poles SE,NW,NE
Republican City (Nebr)	0.5 NW;RR S		30 S6	80,91 oct. Flares in emerg.
Russell (Kans)	2.7 ESE;RR NE	1860	30 S4	80 oct. No sto. Poles N,S,NE.
SALINA Range (Kans)				DECOMMISSIONED.
Salina (Kans)	2.5 SE;riv W	1275	26 S6	80, 91 oct.
Schuyler (Nebr)	2.5 W;bet RR and hwy		25 S4	80 oct. Data unver
Scott City (Kans)	1.3 ESE hwy N	2980	25 S1	73 oct. P-line N,NE, NW,SW.
(A) Scribner AAF (Nebr) (A)	4.1 SSE;hwy N	1315	67h	CLOSED.
Seneca (Kans)	0.5 W;RR S	1250	24	Poles N,S.
Sky Village (Salina, Kans)	6.6 WSW;RR SE	1270	20 L S2	80 oct. Port rnwy lgts P-line S.
Smith Center (Kans)	1 SSW;RR NW	1806	27 S1	80 oct.
SMOKY HILL Army Range (Salina) (Kans)	344 (DSN)	170°, 5.05	BMRLZ-DT	(4)
SMOKY HILL AAF Tower (Kans)	396 (126.18)		CA (ILS-W)	(4); 126.18
(A) Smoky Hill AAF (Salina, Kans) (A)	4.5 SW;RR E	1289	100h L5 S4	73,91,100 oct. No sto.
Summerfield (Kans)	0.3 SSE;RR W	1450	20 S2	80 oct. P-line N,NW.
TARKIO H Fac. (Mo)	261 (TK)(116.1)		MHTV	(4); 116.1, 122.1
Tarkio, 10, KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct. Trees N.
TOPEKA VHF Range (Kans)				DECOMMISSIONED
TOPEKA Army Range (Kans)	269 (DTO)	32°, 3.5	BMRAZ	(4)
TOPEKA AAF Tower (Kans)	206 (116.1, 126.18)		CA	(3); 116.1, 126.18
(A) Topeka AAF (Kans) (A)	6 S;RR W	1078	65h L5 S6	73,91,100 oct. JP-1 No sto.
Union (Lincoln, Nebr)	4.8 NNE;RR S	1140	18h L3 S6	80,91 oct. All lgts prior req.
WALDO VHF Range (Kans)				DECOMMISSIONED.
(A) Walker AAF (Hays, Kans) (A)	12.5 E;hwy S	1975	80h	CLOSED.
Waverly (Lincoln, Neb)	9 NE;RR SE	1180	20	Poles SE,SSW.
West Point (Nebr)	1.5 E;hwy W		16 S4	80 oct. Data unver.
Wood Arpk (Clay Center, Kans)	3.5 N;hwy W	1260	15 S6	80 oct. No sto. P-line W.
Wright Arpk (Abilene, Kans)	1 SSE;riv S	1150	13 S1	80 oct. S blkd.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRAND ISL. AAF (A)				DECOMMISSIONED		
OMAHA	110.3	335	135°	IM-	MM- ·—·—(0.78)	OM- ——(4.90)
					MMH- 201 ····	OMH- 219 ———
SMOKY HILL (A)	109.9	333.8	123°	IM- (0.19)	MM- ····· (0.89)	OM- ——(4.20)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ. IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Hill City Mun. (Kans)	0.8 NE;riv S	2200	28 S2	Sto. SW blckd.
Mankato Mun. (new) (Kans)	1.4 NW;RR SW	1840	24 S6	80 oct. Windmill NE
Trenton Mun. (Nebr)	1.3 NW;RR S	2840	27 S2	80 oct. Poles SE.
Wahoo Mun. (Nebr)	2.5 NE	2540	25	Poles S.

S-Simul Range and Voice W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways R-radio facilities

* L-lighting facilities S-servicing (see page IV) —► NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED Airports are indented and non-capitalized.

CHART 27 | CHART 28

EXTREMELY HAZARDOUS ⓪ USABLE WITH CAUTION

COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: ◄12°E TO 9°E►

CONTROLLED ONLY BETWEEN 6500 AND 8500 FT. M.S.L.

FOR DETAILS IN THE OMAHA AREA SEE CHART 35

NEB / KANS

STATUTE MILES

OMAHA 33

DENVER-OMAHA-ST. LOUIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR & DIST. ELEV.	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
Auburn (Nebr)	2.7 E;riv SW	960	29 S6	80 oct P-line N,NW,NE
Beardstown (Ill)	1.5 SE;RR N,W		18 S2	80 oct. Data unver
➸ Black Walnut (St. Louis, Mo)	18 NNW			ABANDONED
Blair (Nebr)	3 NNW;RR E	1050	24 S6	80,91 oct Windmill NW
(P) Boulder (Colo)	3 ENE;RR NW	5350	42 S5	80,91 oct. Bldg N. RR S.
BUCKLEY Tower (Colo)(NG)	201 (126.18)		CA	(3); 126.18 (8-16)
(NG)(N) Buckley (NAS) (Denver, ➸ Colo)	12.5 ESE	5642	80h	73,100 oct,1-ech maint NG To be taken over by Navy
Calhan (Colo)	0.6 ESE;hwy N	6500	22 S1	80 oct.
* Chesterfield Int,4,LS-CG (Ill)	3 ENE;hwy N	612	26 L3	
Civil Air Patrol (Denver,Colo)	3.9 E	5328	29 L S6	80 oct Flood lgts.
➸ Clear Ridge (Omaha, Nebr)	5.2 NW;RR N	1230	28 S6	80 oct P-line E.
COLORADO SPRINGS Range (Peterson)(Colo)	224 (CD)	166°, 3 9	MRLWZ	
Combs (Denver, Colo)	3 NE;RR N	5276	29 S6	80,91 oct P-line N,S
Council Bluffs (Iowa)	3 SE;RR S	980	37 S6	80 oct Bldgs SW
Craig (Mo)	0.6 NE;RR SW	875	25 S1	73 oct. P-line WNW
Creighton (Golden, Colo)	4 E;lake E	5600	30 S1	80 oct NW blocked
Creve Coeur (St. Louis, Mo)	14.5 WNW			ABANDONED
Crosier (Greeley, Colo)	3.5 E;rd,riv S	4648	34	73,91 oct
Cyril Lebert (Lebanon, Ill)	0.5 SE;hwy N	440	22 S2	80 oct. Poles N,W,S
➸ DENVER Range (Stapleton)(Colo)	379 (DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
➸ DENVER VHF Range (Stapleton) (Colo)	109.1 (DV)(vhf)	211°,9 7	VAR-DTXV	(3);116.1,122.1
Dunlap (Iowa)	0.5 WNW;RR SE	1160	30 S3	80 oct. P-line NNE
Eagleton (Decatur, Nebr)	1 S;riv NE	1100	26 S2	73 oct Poles NE;trees NW.
East Colfax (Watkins, Colo)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N,NW
Edwardsville (Ill)	3.4 E;RR N	555	21 S2	No fuel P-line E,S
Ellisville (Mo)	0.4 NE;hwy S	750	16 S2	80 oct.
Englewood (Colo)	6.8 SSE;hwy S	5520	45 S6	80, 91 oct.
➸ Falls City (Nebr)	1.2 NE			ABANDONED
Flagler (Colo)	0.8 S;RR N	4975	48 S4	80 oct. 20' p-line E
Fleck's Lakeview (Rochester, Ill)	2.8 W;lake W	580	21 S6	80 oct P-line W
Gundlach (Belleville, Ill)	1.8 E	514	23	Obsts sur fld.
➸ H & S (Gillespie, Ill)	1 W;RR S	661	18	P-line N,E.
Harlan (Iowa)	5 SSW;hwy E	1196	27 S2	73 oct. Hi-line S,E.
Hew's (Humboldt, Nebr)	4.2 NNE;RR S	1200	13	Pwr line E.
Highland-Winet (Highland,Ill)	3.6 NE;RR S	535	24	P-line S.
➸ Jacksonville (Ill)	3.9 S;hwy E	650	18 S6	80 oct P-line E.
Kratz (St. Charles, Mo)	1.1 ESE;RR S	442	30 L S6	80,91 oct Port rnwy lgts.
Lakeside (E. St. Louis, Ill)	7 NNE;lake W	420	32 L S6	80,91 oct Port lgts on req SE blocked
LAMBERT-ST LOUIS Tower (St Louis, Mo)	278 (126.18, 118.3)		AC (ILS-W)	(4); 126 18, 122 5, 118 3
(NG)(N) [Lambert-St Louis](Nas) ➸ (St. Louis, Mo)	10.8 NW;hwy N, W	552	60h L6 S6	80-100 oct. Ltd 100 oct, 2-ech maint NG.Rdo rqrd.
Longmont (Colo)	2.9 W;RR N	5030	40 S6	80,91 oct. Trees NW.
LOWRY Tower (Colo)	396 (126.18)+		CA	(3); 126 18
(A) Lowry (Denver, Colo) (A)	5.3 ESE	5412	83h L5 S6	91, 100 oct JP-1
Lucas (Festus, Mo)	1.7 S;RR W	425	16 S2	73 oct.
➸ Machens (Mo)	1 NNW			ABANDONED
Meremec (Valley Park, Mo)	1.5 ESE;riv N	440	30 L S2	80 oct. Port rnwy lgts. P-line S.
Missouri Valley (Iowa)	1.5 S;RR W	960	16 S2	80 oct.
Negus (Alexander, Ill)	2.8 WSW;RR SE	645	22	PRIVATE.
(N) Neubeiser OLF (St. Louis, Mo) (N)	22 NNW;riv N	438	20h	CLOSED.
Nichols (Colorado Springs, Colo)	2.8 NNE;hwy W	6200	42 S6	80,91 oct. P-line SE,NE,N
OFFUTT Tower (Omaha, Nebr)	396 (126.18)		CA	(3); 126.18
(A) Offutt (Omaha, Nebr) (A)	10 S;RR W	1046	61h L5 S4	91,100 oct. No sto.
Oliver Ranch (Onawa, Iowa)	5 SE;hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
OMAHA Range (Nebr)	320(OH)(vhf)	146°,0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118 5
[Omaha] (Nebr)	3.5 NE;lake W	982	54h L6 S6	73,80,91,100 oct No contact lgts.
➸ Parks (East St. Louis, Mo)	4.2 SW;RR SE	410	26 L4	Lgts on req.NW blkd.
Parks Metropolitan (East St. Louis, Ill)	3.5 SSW;RR W	420	40 L S6	80,91 oct Port rnwy lgts. 1700' paved rnwys.
Pine Valley (Colorado Springs, Colo)	9.2 N;hwy E	6575	47 S6	80,91 oct Poles E,W, NNW
Randolph (Iowa)	1.7 NNE;RR W	1050	20	
Rocky Mountain (Colorado Springs, Colo)	6 ESE	6100	35 S2	No fuel.
Ross (St. Louis, Mo)	4.8 NNW;RR SE	430	30 S6	80,91 oct. Poles sur fld.
Ruston (Denver, Colo)	10 NNW;hwy W	5550	40 S6	80,91 oct P-line NE,SW, E,W blocked.Rnwy data unver.
Rutledge (Dupont, Colo)	1 S;bet RR & hwy	5107	42 S6	80 oct. P-lines sur fld
St. Charles (Mo)	5.3 NNW;RR N	470	29 S6	80 oct Poles E,N,NE,SE
ST. LOUIS Range (Lambert-St. Louis) (Mo)	209(LS)(vhf)	256°,2.2	SBRAZ-DTXV	(3); 116.1, 122.1
SCOTT Army Range (Bellev'l, Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill)	396 +		CA	(4)
(A) Scott (Belleville,Ill)(A)	7.5 ENE;RR S	444	55h L5 S5	73,91,100 oct JP-1.
Shenandoah (Iowa)	2.8 W;RR SE	960	25 L S2	80 oct Port rnwy lgts
SKY RANCH Tower (Colo)	296		CI	(3); (8-17)
Sky Ranch (Denver, Colo)	12.6 E;RR S	5478	55 S6	73,80,91 oct.
SPANISH LAKE H Fac.(Mo)	219 (L)	69°, 6.8	FMH	St. Louis
➸ Springfield (Ill)	3.5 SW;bet RRs	606	31 L4 S6	80,91 oct. Use strips. Lgts.
SPRINGFIELD Range (Mo)	254(SX)(116.1)	134°, 4.3	SBRAZ-DTV	(4); 116.1 prior req.
STAPLETON Tower (Denver, Colo)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
[Stapleton] (Denver, Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
Starling (St. Louis, Mo)	14 SSW;RR E	615	26 S4	80,91 oct. Obsts sur fld.
➸ Steckley (Weeping Water,Nebr)	3 S;RR,rd E	1260	22 S1	P-line N. 80 oct
Sylvan Beach (Fenton, Mo)	2 NNW	442	42 L S2	80,91 oct Port rnwy lgts. P-line N.
TARKIO H Fac. (Mo)	281 (TK)(116.1)		MHTV	(4);116.1,122.1
Tarkio,10,KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct. Trees N.
➸ Tecumseh (Nebr)	1 W;RR NE	1115	26 S4	80 oct.Trees W;p-line N.
Valley (Nebr)	1.8 NW;RR NE	1150	22 S1	80 oct.
Vest Aircraft Co.(Denver,Colo)	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.
Wadlow (Alton, Ill)	3.5 NNW	600	25 S4	80 oct.
Weiss (Kirkwood, Mo)	4 SW	430	15 S4	80 oct. P-line NE,N.

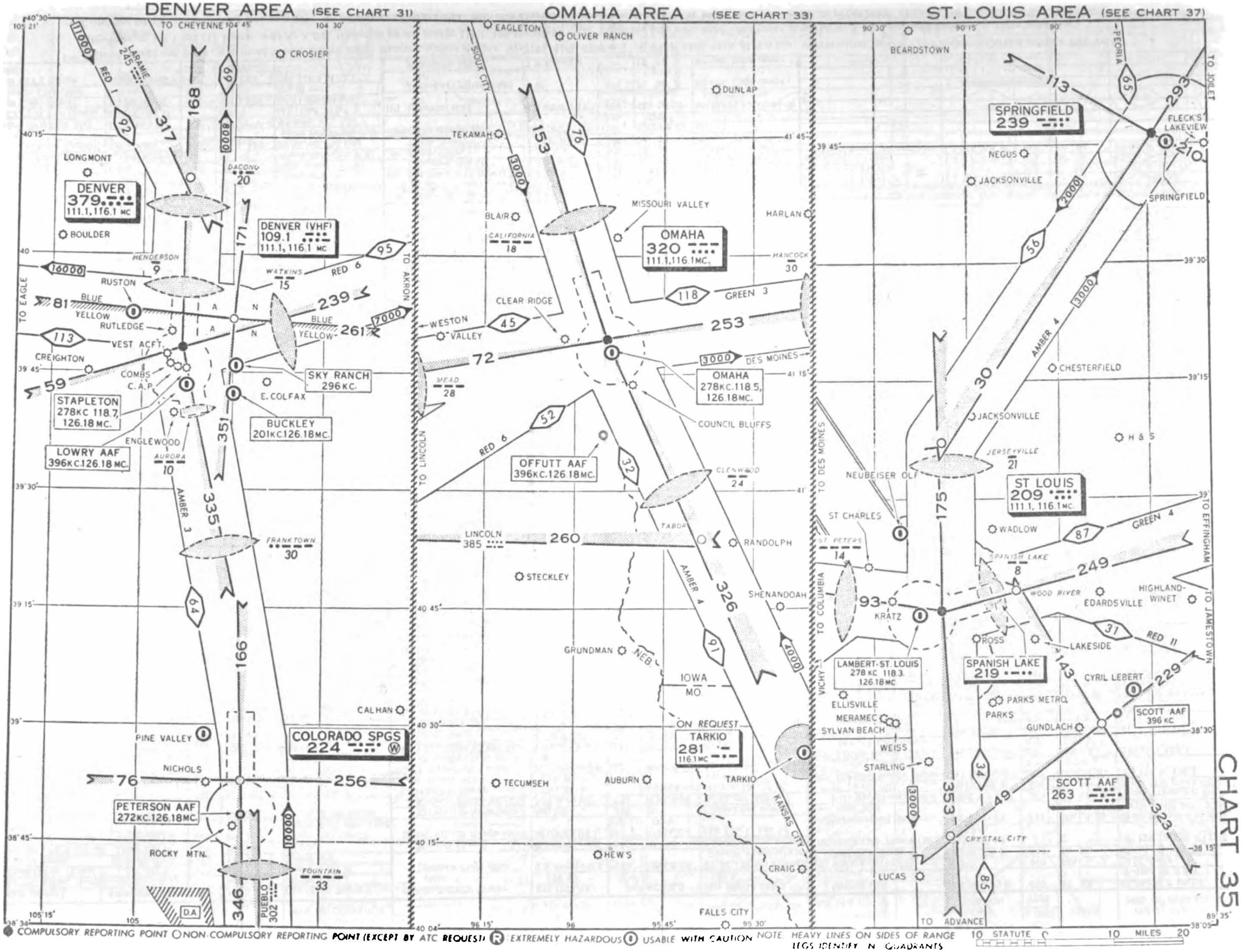
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LAMBERT	110.3		238°	IM- ••••••(0.06)	MM-	OM- ——(3.98)
					MMH- 201 •••(0.60)	OMH-
➸ OMAHA	110.3	335	135°	IM-	MM- •—•—(0.78)	OM- ——(4.90)
					MMH- 201 ••••	OMH- 219 ———
STAPLETON	110.3	335	206°	IM-	MM- •—•—(0.65)	OM- ——(4.19)
					MMH-335 •••—	OMH- 359 —••

NEW FACILITIES

➸ Tekamah (Nebr)	1.3 S;hwy W	1010	30 S2	80 oct.S blckd.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) ➸ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


DENVER AREA (SEE CHART 31)
OMAHA AREA (SEE CHART 33)
ST. LOUIS AREA (SEE CHART 37)
DENVER 379 111.1, 116.1 MC
DENVER (VHF) 109.1 111.1, 116.1 MC
SKY RANCH 296 KC.
STAPLETON 278 KC 118.7, 126.18 MC.
BUCKLEY 201 KC 126.18 MC.
LOWRY AAF 396 KC 126.18 MC.
COLORADO SPGS 224
PETERSON AAF 272 KC. 126.18 MC.
OMAHA 320 111.1, 116.1 MC.
OMAHA 278 KC. 118.5, 126.18 MC.
OFFUTT AAF 396 KC. 126.18 MC.
LINCOLN 385
TARKIO 281 116.1 MC
SPRINGFIELD 239
SPRINGFIELD
ST LOUIS 209 111.1, 116.1 MC.
LAMBERT-ST. LOUIS 278 KC 118.3, 126.18 MC
SPANISH LAKE 219
SCOTT AAF 396 KC.
SCOTT AAF 263
FLECK'S LAKEVIEW
BEARDSTOWN
JACKSONVILLE
CHESTERFIELD
NEUBEISER OLF
WADLOW
EDARDSVILLE
HIGHLAND-WINET
LAKESIDE
CYRIL LEBERT
PARKS METRO.
GUNDLACH
ELLISVILLE
MERAMEC
SYLVAN BEACH
WEISS
STARLING
CRYSTAL CITY
LUCAS
ST CHARLES
KRATZ
ROSS
PARKS
H & S
JERSEYVILLE
TO ADVANCE
TO JAMESTOWN
TO EFFINGHAM
TO JOLIET
TO PEORIA
TO DES MOINES
TO COLUMBIA
TO LINCOLN
TO AKRON
TO EAGLE
SIOUX CITY
KANSAS CITY
LARAMIE
CHEYENNE
CROSIER
LONGMONT
BOULDER
RUSTON
RUTLEDGE
VEST ACFT.
CREIGHTON
COMBS C.A.P.
ENGLEWOOD
AURORA
E. COLFAX
FRANKTOWN
PINE VALLEY
NICHOLS
ROCKY MTN.
FOUNTAIN
PUEBLO
DA
EAGLETON
OLIVER RANCH
DUNLAP
TEKAMAH
BLAIR
MISSOURI VALLEY
HARLAN
CLEAR RIDGE
WESTON
VALLEY
COUNCIL BLUFFS
MEAD
TABOR
RANDOLPH
SHENANDOAH
STECKLEY
GRUNDMAN
NEB.
IOWA
MO.
CALHAN
TECUMSEH
AUBURN
HEWS
CRAIG
FALLS CITY
ON REQUEST
VICHY
ALTITUDES ARE MSL
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY IN QUADRANTS
10 STATUTE 0 10 MILES 20
CHART 35

FACILITY	FREQ. IDENT ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
Adair (Iowa)	1.5 SSE;RR NW	1350	18 S1	Ltd 73 oct. Trees S
ATLANTIC H Fac. (Iowa)	257(IZ)(116.1)		MHTV	(4);116.1,122.1
Atlantic Mun. (Iowa)	1.9 W;RR E	1153	33 L3	Bcn 1 /4 mi W
Atlantic (Iowa)	4.6 NW;RR S	1353	21 S6	80, 91 oct.
Audubon Arwys (Iowa)	1 SSE;RR W	1300	15 S1	80 oct.
Bailey's (Brookfield, Mo)	2 WSW;hwy N	800	26 S1	80 oct. Pwr line SE Poles E,SE. NW blckd
Bailey's Arpk (Chillicothe, Mo)	2 SSE;RR W	675	32 S6	80 oct. S,SW blckd
Beaver (Des Moines)	3.4 NW	900	25 S6	80 oct. (Iowa)
Boonville (Mo)	1.5 NNW;riv S	602	16 S4	80 oct. Obsts sur fld
Bowling Green (Mo)	1.6 NW;RR E	882	25 S2	80 oct. Poles S;pwr line SE.
BRADFORD H Fac. (Int.)	382 (MQ)		MHT	(4) (Ill)
* ✈ Bradford Int,29,KC-CG (Ill)	4.5 NNE;	795	26 L3 S1	80 oct. P-line SW,NE
(P) Bradley (Moberly,Mo)	3 NNE;hwy W	865	37h S6	80 oct. Obsts.
Briggs (Fiscus,Iowa)	4.2 NE;RR E	1370	21 S2	80 oct. Trees N
BURLINGTON Range	326(BN)(vhf)	357,1.9	SBRAZ-DTV	(4); 116.1, 122.1 (Iowa
(P) Burlington (Iowa)	1.7 SSW	698	54h L5 S6	80, 91, 100 oct. Hwy E
→ Butler, (Mo)	2N;RR,hwy W	870	26 S2	80 oct. Hedge N
Cameron (Mo)	2 E;RR NW	1050	21 S4	80 oct. Poles N,W,NNW
Carthage (Ill)	1.5 SSW;RR E	665	24 S6	80 oct. P-line E.
(P) Cedar Rapids (Iowa)	6.7 SSW	860	55h L5 S1	80,91 oct. RR E
Centerville (Iowa)	3.5 SSW;RR N	1017	25 S2	80 oct. Use strips only.
Chariton C.A.P. (Iowa)	2.3 NNE;RR SE	1050	16 S1	80 oct.
CHILLICOTHE H Fac (Mo	242(CK)(116.1)		MHTV	(4);116.1,122.1
Chillicothe,7,KC-CG	3 ESE;RR N, SW	780	25h L3	P-line S;trees SW 4000' strip avail.
Clarinda (Iowa)	0.8 SE;RR W	1060	26 S4	80 oct.
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct. No sto. Port rnwy lgts.
(P) Clinton (Mo)	2 NE;RR SE	800	37 S4	80 oct. Poles SW,S,E,N
COLUMBIA Range (Mo)	379 (CA)(vhf)	89,3.9	SBRAZ-DTV	(4);116.1,122.1
Columbia (Mo)	2.4 NW;hwy S	777	33h L3 S5	80, 91 oct.
Columbus Junction (Ia)	3 N;RR E	580	28 S2	80 oct. P-line N,E.
Cram (Davenport,Iowa)	2.5 NW;RR SW	646	21 S6	80,91,100 oct.
→ Creston Arwys (Iowa)	1.6 NE;RR W			ABANDONED
Daviess Co. (Mo)	1.1 W;RR N	930	16 S1	80 oct. Pole N.
Decatur (Ill)	4 NW	678	29 S6	80,91 oct. P-line S,SW W, NW.
DES MOINES Range (Iowa)	212(DM)(vhf)	346°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
DES MOINES Tower (Iowa)	278 (126.18, 118.3)		C	(4);126.18,122.5,118.3
(A) [Des Moines] (Iowa) Dixon (Ill)	4.5 SSW	950	57h L5 S4	80,91,100 oct. RR W.
	1.9 ESE;RR S	786	30 L1 S6	80,91 oct. Appchs blckd except E and N half W boundary.
Dodge (Iowa)	3.5 E;RR E	835	27 S6	80 oct. Hwy E.
Dressler (Anita,Iowa)	7 SSE;rd W	1250	17 S2	80 oct. Trees S.
Eads (Iberia, Mo)	1.1 W;hwy NE	960	32 S2	80,91 oct.
Edwards (Grant City)	1.2 ENE;RR W	920	17 S1	Ltd 80 oct. (Mo)
→ Fayette Flying Fld.(Mo.)	1.8 S;RR W	730	29 S2	80 oct. Trees W,S.
Fitzgerald (Mendota, Ill)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
Fordyce (Bethany,Mo)	4.8 ESE;rd W	1050	22 S2	80 oct.
Fort Madison (Iowa)	1.5 N;RR W		27 S4	80 oct. Ltd sto. Data
Fulton (Mo)	3 WSW;hwy SE	875	20h S2	80 oct, unver
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct. Fld lgts prior req. E blocked.
Grand (Grand Mound)	1.2 SW;RR N	770	20 S2	80 oct. (Iowa)
Green(Mexico, Mo)	4.3 ESE;RR S	815	36 L S6	80 oct. Port rnwy lgts
Guthrie Center (Iowa)	0.5 NW;riv E	1074	21 S1	80 oct.
Hannibal (Mo)	4.3 WNW; hwy N	735	28 L S6	80 oct. P-line SW. Port rnwy lgts.
Hillsboro (Ill)	1 NE	630	25 S4	Data unver.
Hi-Way (Piatt, Ill)	1.3 WNW;hwy S	665	20 S4	80 oct. 35' p-line S,E.
(P) Hunter (Cedar Rapids, Iowa)	3 S;riv N	732	27 L3 S6	80,91 oct. Fld lgts prior req. Poles S,E
Huston (Windsor,Mo)	4.3 E;hwy N	932	25 S1	80 oct.
← IOWA CITY H Fac (Iowa)	248(IX)(116.1)		DHTV	(4);116.1,122.1
(P) [Iowa City] (Iowa)	1.7 SW;riv E	650	43h L1 S6	80,91 oct. No sto.
Jefferson City (Mo)	2 N;hwy S	550	32 S6	80, 91 oct.
KANSAS CITY Range (Mo)	359(KC)(vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower (Mo) [Kansas City] (Mo)	278 (126.18, 118.3)		AC (ILS	(4); 126.18,118.3, 122.5.
	2.5 NW;riv W,S	739	52h L6 S6	80,91,100 oct. Poles E. Dike W. Flood lgts in op.
Keokuk (Iowa)	4.6 NNW;riv E	670	28 S1	Ltd 80 oct.
KIRKSVILLE Range (Mo)	391(KR)(116.1)	333°, 0.9	BMRLZ-DTV	(4); 116.1, 122.1
Kirksville Arpk (Mo)	Adj SE	927	26	Closed for winter.
Kirksvi lle,12,KC-CG	7 SE;hwy NE	970	39h L3 S6	80,91 oct. (Mo)
LAMBERT Tower (St. Louis, Mo.)	278(126.18, 118.3)		AC(ILS-W)	(4);126.18,122.5, 118.3
(NG) [Lambert-St.Louis] (N) (NAS)(St.Louis,Mo.)	10.8 NW,hwy N, W	552	60h L6 S6	80-100 Oct. do rqrd.
* Lamoni Int,10,KC-MP	3 WNW;RR NE	1169	37 L3	(Iowa)
Leon (Iowa)	4.1 N;RR SE	1050	20 S2	80 oct.
Lexington (Mo)	3 WNW;RR NW	650	33 S6	73 oct. P-line S,W,SW
* Luray Int,16,KC-CG	1.9 ESE;hwy N	727	26 L3	(Mo)
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73,80 oct. N,NE blckd P-line E, SE.
Mader (Garnett,Kans)	2 WNW;hwy S	1060	26	
Manning (Iowa)	0.6 SW;RR W	1327	25 S2	73 oct.
Marceline (Mo)	1.5 N;RR SE	855	20 S1	80 oct. P-line NNE.
MARSHALL H Fac. (Mo)	281(MH)(116.1)		MHTV	(4);116.1,122.1
* Marshall Int,7,KC-LS	1.8 S;hwy E	800	39 L3 S2	80 oct. Silo NE corner
(P) Maryville Mun. (Mo)	2.2 WNW;hwy S	1154	25 S6	80, 91 oct. (Mo)
Matanzas (Havana, Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
McCoy (Blue Mound,Ill)	5 W	660	16 S2	No fuel.
McVille (Mechanicsville, Iowa)	3.2 WNW;RR S	850	30 S6	80 oct. Poles S,W.
Medbury (Armington)	1 NE	650	28	Data unver. (Ill)
Mel Adkins (Gravois Mills, Mo)	4.2 SSE;hwy W	950	19	
Melbourne (Iowa)	1.5 SW	1000	20 S1	80 oct. Poles N.
Melbourne, com.(Iowa)	0.3 S;RR E	1000	21 S2	80 oct. P-line E.
MOLINE Range (Ill)	224(MO)(116.1)	142°, 12.0	SBRAZ-DTV	(4); 116.1
MOLINE ARPT Range (Ill)	278	86°, 2.3	ML	3105 (on req.)
(P) [Moline] (Ill)	4 S;hwy E,N	590	40h L6 S6	73,80,91 oct.;100 oct for Army. Poles NW.
Monmouth (Ill)	1.5 NNE;rd E	770	31 L1 S6	80 oct. P-line E,W,S.
MONTEZUMA H Fac.				DECOMMISSIONED.
* Montezuma Int,17, OH-CG (Iowa)	3 E;hwy N	953	32 L3	Poles,trees SW. Pwr line N.
Morton (Ill)	3 W;hwy N		33 S2	80 oct. Use NE/SW strip. Data unver.
Mt.Ayrport (Mt.Ayr, Iowa)	6.6 N;RR N	1100	21 S1	Ltd 80 oct. Poles N, NE.
→ Mt.Hawley (Peoria, Ill)	6.4 N;RR SW	700	28 S6	80,91 oct. P-lines SE,
Mt. Pleasant (Iowa)	2.6 ESE;RR N	727	19 S2	80 oct. S,SW
(P) Muscatine (Iowa)	6 SW;RR SE	546	36 L3 S6	80 oct.
Nashville (Ill)	1 E;lake W		20 S1	80 oct. Data unver.
NEW FLORENCE H Fac. (Int.)(Mo)	248(ST)(116.1)		BHTV	(4);116.1,122.1
* New Florence Int,17, KC-LS (Mo)	1 SSE;hwy N	885	40 L3 S1	80 oct.
Newton (Iowa)	1.5 ENE;hwy S	950	19 S1	80 oct.
Nicholas (Marshall,Mo)	3.8 S;hwy W	770	26 S4	80 oct. Pwr line S.
Niederhauser Arwys (Grinnell, Iowa)	4.5 E	1000	26 S2	80 oct.
OLATHE Navy Range (Kans)	420 (NUU)	352°, 2.9	BMRLZ	
(N) Olathe Nas (Kans)(N)	5.2 SW;RR W	1085	53h L5 S6	100 oct.
OTTUMWA Tower (Iowa)	272 (142.74)		CN	(3); 142.74
(N) Ottumwa NAS (Iowa)(N)	6.4 NNW	841	52h L5 S6	73, 100 oct.
Ottumwa (Iowa)	3.6 N;hwy S	830	32 S6	80,91 oct. Hwy W.
→ Pekin (Ill)	4 S;RR E	505	29 S6	80,91 oct. P-lines SE,
Pella (Iowa)	3.5 SE;RR N	977	24 S6	80 oct. S,SW,W,NW.
PEORIA Range (Ill)	356 (PI)	178°, 2.3	SBMRAZ-DT	(4)
(P) [Peoria] (Ill) →	4.8 WSW;rd E	659	44h L5 S6	80,91 oct. No flood or boundary lgts.
Phil-Larry (Roanoke, Ill)	4 W	474	23 S6	80 oct. Data unver.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
Quincy (Ill)	2.8 SE;hwy E	650	26 S6	80,91 oct. E blckd. P-line SE,S,SW.
(P) Quincy (new)(Ill)	9.5 E	760	54h	Data unver.
Red Oak (Iowa)	1.5 W;RR E	1044	25 S2	80 oct. P-line N.
ROSECRANS Tower (Mo)	278 (126.18, 118.7)		C	(4); 126.18,118 7,122.5
(NG) [Rosecrans] (St. Joseph, Mo) →	4 NW;riv SW	821	60h L5 S6	80,91,100 oct. Ltd 100 oct, 2-ech maint NG. Fld lgts prior req.
Roth (Oskaloosa,Iowa)	2 SSE;RR NE	850	20 S2	80 oct. Trees sur fld
St. David (Ill)	1.5 SW;RR N	628	22 S2	80 oct. 200' stack NE.
ST. JOSEPH Range (Rosecrans) (Mo)	341 (ZJ)(vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
ST. LOUIS Range (Lambert-St.Louis)(Mo)	209(LS)(vhf)	256°, 2.2	SBRAZ-DTXV	(3);116.1,122.1
SCOTT Army Range (Belleville)(Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
(A) Scott (Belleville,Ill)(A)	7.5 ENE;RR S	444	55h L5 S5	73,91,100 oct. JP-1
Sedalia (Mo)	6.3 NW;RR S	820	30 S6	80 oct. Poles S.
(A) Sedalia AAF (Knobnoster, Mo) (A) →	2.8 S;hwy N	848	72h	TMP INACT. NO FACS
Seymour (Iowa)	2 NNW;RR S	1060	24 S1	80 oct. Hedge S.
Slater (Mo)	0.8 NW;hwy SE	850	26	P-line adj N.
SPANISH LAKE H Fac (Mo)	219 (L)	69',7.8	FMH	St. Louis
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4) Lgts prior req.
→ Springfield (Ill)	3.5 SW;bet RRs	606	31 L4 S6	80,91 oct. Use strips.
Sterling (Ill)	1.4 N;hwy E	645	25 S6	80,91 oct. E,SE blckd.
* Stuart Int,8,OH-CG (Ia)	3.5 SE;rd E	1189	31 L3	P-line NE,E.
Taylorville (Ill)	1 SW		26 S6	80 oct. Data unver.
Unionville Arwys (Mo)	1.5 ESE;hwy NE	1100	24 S2	80 oct. P-line N.
Vandalia (Ill)	4.4 NW	532	39h L3 S6	80 oct.
* Van Orin Int,34,OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vaughn (Trenton,Mo)	1.2 NNW;RR E	790	26	
Venture (Ottumwa,Ia)	2.8 SSE;RR W	800	13 S6	80 oct. P-line N,W,NE
Versailles (Mo)	1.7 ENE;RR N	1050	20 S2	80 oct. Pwr line N,NE, NW.
VICHY (AAF) Range (Mo)	344(OM)(116.1)	310°, 2.7	BMRLZ-DTV	(4);116.1,122.1
(A) Vichy AAF (Mo)(A)	1.5 NNW	1120	55h	CLOSED. Hwy SW
Vogel (La Salle,Ill)	6.5 NNW;RR E	664	26 S2	80,90 oct. Soft when wet. Poles N, W.
Warrensburg (Mo)	7.3 SSW;hwy E	860	22 S6	80 oct.
Washington (Iowa)	1.5 SSE;RR NE	769	26 S6	80 oct.
Weise Flying Service (Lone Tree, Iowa)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver.
Winterset (Iowa)	2 W;RR E	1130	21 S4	80 oct. Fence each end rnwy.
Wright (Garden City, Mo)	1.4 NNW;hwy SW	860	25 S1	80 oct. P-line S.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KANSAS CITY	109.9	333.8	173°	IM- ••••••(0.01)	MM-	OM- ——(4.65)
					MMH-221-•••2.6)	OMH-248-•••(11.0)
LAMBERT	110.3		238°	IM- ••••••(0.06)	MM-	OM- ——(3.98)
					MMH-201-•••(0.60)	OMH-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-

NEW OR REVISED DATA

FACILITY	FREQ. IDENT ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
→ Dewitt (Iowa)	1.5 ESE;RR S	719	23 S2	80 oct. S blckd.
→ Newton Fly.Svc.(Iowa)	3 W;hwy S	960	22 S2	80 oct. P-line SE.
→ Pittsville (Mo)	1.2 WNW;hwy S	925	20 S1	80 oct. P-line W. Trees
→ Stephenson (Macon,Mo)	3.5 SSE;RR W	850	26 S2	80 oct. P-line N E.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV). → NEW OR REVISED DATA (NC)-Not charted. [Iowa]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

ST. LOUIS 37

STATUTE MILES

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

CHART 29

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Allman (Lenexa, Kans)	2.5 NNW;hwy N	900	22 S1	80 oct. Hedge E.
Conard (Ottawa, Kans)	3.8 NNE;RR S	946	24 S1	80 oct. P-line N; hedge S.
FAIRFAX Tower (Kansas City, Kans)	278 (126.18, 118.9)		C	(4); 126.18, 122.5, 118.9
(A) Fairfax (Kansas City, Kans) (A)	3 NE;RR E	742	65h L5 S4	81, 100 oct.
Fisher (Edwardsville, Kans)	1 ESE;RR N	770	26 S6	80 oct.
Gardner (Kans)	1.4 WSW; hwy S	1070	39	
Gault (Wellsville, Kans)	0.8 ESE; RR N	1020	20 S1	80 oct. Trees E.
Hall's (Olathe, Kans)	2.6 SSE;RR W	1000	16 S2	73 oct. Cattle on fld. Pole line N.
Harrisonville (Mo)	2.1 W;RR N, S	910	20 S1	73 oct. Fld rough.
Hawk's (Atchison, Kans)	1.3 WNW	1000	12 S1	80 oct. Poles N. RR S.
Heart of America (Kansas City, Mo)	4 E;RR E	759	23 S6	80 oct. Poles, trees S.
Independence (Mo)	5.8 ESE;RR S	825	23 S6	80 oct. Poles S.
KANSAS CITY Range (Mo)	359 (KC) (vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower (Mo)	278 (126.18, 118.3)		AC(ILS)	(4); 126.18, 118.3, 122.5
[Kansas City] (Mo)	2.5 NW;riv W,S	739	52h L6 S6	80,91,100 oct. Poles E. Dike W Flood lgts inoperative.
(P) Kansas City-Grandview (Kansas City, Mo)	16.4 S;RR E	1072	55h L5 S2	80,91 oct. Fld lgts prior req.
Lawrence (Kans)	2.5 NNE;hwy S	832	32 L3 S6	80 oct. No bcn. Poles W. Lgts prior req.
Leavenworth Lecompton (Kans)	3.6 WSW; RR E	1125	14 S4	80 oct. No sto. Trees, bldg S.
OLATHE Navy Range (Kans)	420 (NUU)	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kans)	201 (142.74)		CN (GCA)	(3); 142.74 (8-18)
(N) Olathe NAS (Kans) (N)	5.2 SW;RR W	1085	53h L5 S6	100 oct.
(N) Olathe OLF #2 (Kans)(N)	5 SE	1090	16h	INACTIVE. 4 mi. W of Stanley.
(N) Olathe OLF #4 (Kans)(N)	10 S	1090	22h	INACTIVE. 1.3 mi. SE of Springhill.
(N) Olathe OLF #7 (Kans)(N)	16 SSW	940	23h	INACTIVE. 4.3 mi. W of Hillsdale.
(N) Olathe OLF #9 (Kans)(N)	11 SE	1070	23h	INACTIVE. 1 N of Stillwell.
Ong (Kansas City, Mo)	9 SE;hwy NE	1050	24 S6	73,80 oct. P-line N,W.
* Osborn Int, 4, KC-MP (Mo)	1.5 NW;hwy S	1046	32 L3	
Ottawa (Kans)	5.3 S;RR W	975	34 L S6	80 oct. Port rnwy lgts Rnwy data unver.
ROSECRANS Tower (St. Joseph, Mo)	278 (126.18, 118.7)		C	(4); 126.18, 118.7, 122.5
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW;riv SW	821	60h L5 S6	80, 91, 100 oct. Ltd 100 oct, 2-ech maint NG. Fld lgts prior req.
ST. JOSEPH Range (Rosecrans) (Mo)	341 (ZJ)(vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
SHERMAN Tower (Fort Leavenworth, Kans)	396 (126.18)+		CA	(3); 126.18 cont. except Sun. (On Sun. 23-7)
(A) Sherman (Fort Leavenworth, Kans) (A)	1 NNE;RR W	771	60 L5 S4	73, 91, 100 oct.
State Line Arpk (Stanley, Kans)	3.8 NE;RR E	1000	22 S1	80 oct. Poles E.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

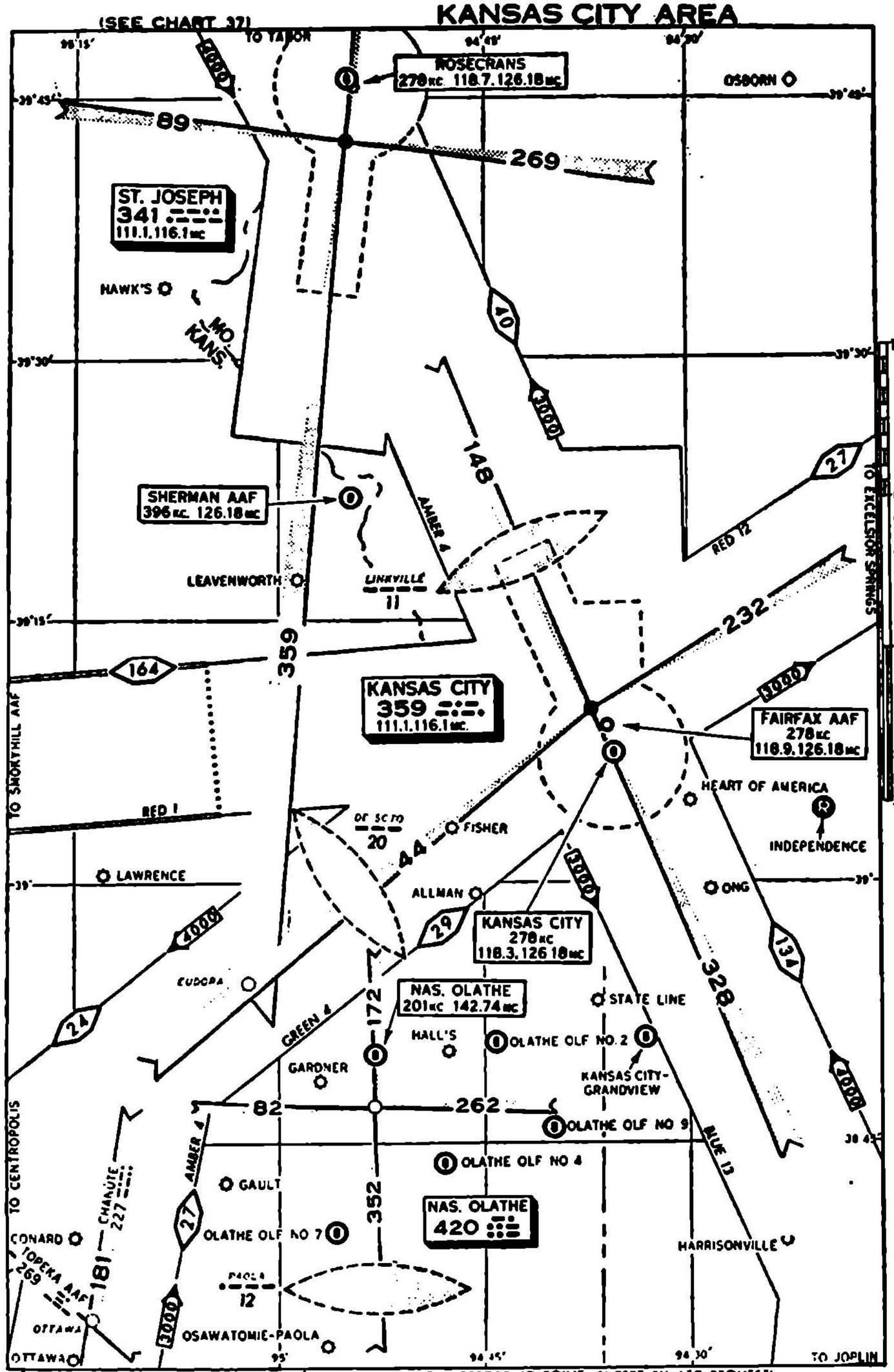
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KANSAS CITY	109.9	333.8	173°	IM- ••••••(0.01)	MM-	OM- ——(4.65)
					MMH-221 —·—(2.6)	OMH-248 —·—(11)
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
→ Osawatomie-Paola Mun. (Osawatomie, Kans)	3.8 N;pond S	960	25 S1	80 oct. P-line S. Hedge SW, N

S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105; 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116 1 and 111 1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

KANSAS CITY AREA



● COMPULSORY REPORTING POINT ○ NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 39

ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
BRADFORD (Int.)	382 (MQ)	MHT	(4)
CHICAGO	350(CG)(116.1)	SBRAZ-DTXV,152°,2.2	(3); 116.1
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
GLENVIEW (Navy)	269 (NBU)	BMLZ-DT	(3); 140.58, 142.74
Glenview NAS	236(142.74, 140.58)	CN, 140°, 3	(3); 140.58; 3117.5 on req.
HARVEY (Rubinkam)	385 (GH)	MLWZ, 90°, 2.2	
JOLIET	257 (JO)(116.1)	SBRAZ-DTV,126°,3.7	(4); 116.1
NEWARK FM	(- - -)	FM, 246°, 49	Chicago
PEORIA	356 (PI)	SBMRAZ-DT,178°,2.3	(4)
ROCKFORD (Machesney)	338(RD)(116.1)	SBRAZ-DTV,45°,1.7	(4); 116.1

INDIANA

LOWELL FM	(. . - -)	FM, 152°, 40	Chicago
McCOOL (Int.)	359(ML)	MHW	(Cont.)
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen

WISCONSIN

GENERAL MITCHELL (Milwaukee)	278 (116.5)	C; 352°, 2.5	(4); 116.5,122.5
GENESEE FM	(- - -)	FM, 270°, 28.3	Milwaukee
KENOSHA FM	(- -)	FM, 178°, 24.7	Milwaukee
MADISON (Truax)	400(MA)(116.1)	BMLZ-DTV,314°, 3.6	(4); 116.1
MILWAUKEE (General Mitchell)	242(MK)(116.1)	SBRAZ-DTV	(3); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Albertus (Freeport)	3.8SE,RRS,W	740	26 S6	73,80 oct.
Beloit-S.Beloit (S. Beloit)	1 S; RR E	772	33 S6	80,91 oct. Hill N.
* Bradford Int,29, KC-CG	4.5 NNE	795	26 R1 L3 S1	80 oct. Pole line SW, NE.
Clearview (Earlville)	3 E; hwy S		18 S1	80 oct. Data unver.
Dixon	1.9 ESE,RR S	786	30 L1 S6	80,91 oct. Approchs blocked except E.
Elgin	2.2 N; hwy W	770	24h S1	80, 91 oct. E and N half W bndry.
Evergreen (Warren)	1.4 SSE; hwy W	1000	26 S4	80 oct. Trees W.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
(N)Glenview NAS (N)	1.6 NW;RR W,E	654	63h R2 L3 S6	91,100 oct. No sto.
Grayslake	1.1 ENE;rd W	791	26	Trees W,S,E
➤ Interstate (De Kalb)	1.8 E;RR W	900	34h	CLOSED
➤ Johnsburg Airpark	0.4 SSW;riv S	740	20 S4	80 oct. P-line NNW
Kane County (Elgin)	7 WNW;hwy E	910	21 S4	80 oct. Trees E,SE,NW
Kankakee	3.2 WSW;hwy E	625	26 S4	73,80 oct.Use strips only.Ditch N.
➤ Kiswaukee (Sycamore) (NC)	2.5 SW;riv N,S,E	820	19 S6	80 oct. P-lines N,NW
Lake County (Waukegan)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
Machesney, 7, CG-Twin Cities (Rockford)	5 NNE;riv NW	735	29 R1 L3 S6	73,80 oct.E,S blkd.P-line SE
Momence	3.5 SW;riv NW,N	645	23 S2	80 oct. Trees N,NW,NE.
Morris	4.5 N;hwy W	590	21 S2	73 oct. Poles N,NNE.
➤ Mt. Hawley (Peoria)	6.4 N;RR SW	700	28 S6	80,91 oct.P-lines SE,S,SW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv). NC-(not charted). ➤ NEW OR REVISED DATA

ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Pal-Waukee (Glenview)	5.5 WNW;RR S	642	26 L3 S6	80,91 oct. Pole line N.
Pecatonica	1 N;hwy E	750	24 S1	73 oct. Poles E.
(P)PEORIA	4.8 WSW;rd E	659	44h R1 L5 S6	80,91 oct.No flood or boundary lgts.
Phil-Larry (Roanoke)	4 W	747	23 S6	80 oct. Data unver.
Powell Brothers (Sheldon)	2.2 S;hwy NE	690	20 S2	80 oct.
Princeton	3 N; creek N		18 S2	80 oct. Data unver.
➤ Sky Harbor (Northbrook)	1.6 NW;RR E	680	26 S6	80,91 oct. Port rnwy lgts. P-line S
Sterling	1.4 NW;hwy E	645	25 S6	80,91 oct. E,SE blocked.
Stockton	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Service	2 ENE;hwy S	650	26 S4	80 oct. Pole line E.
* Van Orin Int, 34, OH-CG	1 ENE;RR S	828	33 L3	Poles W.
Vogel (La Salle)	6.5 NNW;RR E	664	26 S2	80,90 oct.Soft when wet.Poles N,W
Waukegan	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Will County (Steger)	0.5 S;RR W	740	15 S6	Pole line S. No sto or fuel.

[redacted]

Cedar Lake	1.5 NNW;lake E	751	28 S4	73,80 oct. Data unver.
Cheever (Demotte)	3 W		29 S1	80 oct. Data unver.
Crown Point	1 N		30 S6	80 oct.P-line E.Data unver.
Jasper Co. (Rensselaer)	1.5 WNW;hwy S	676	32 L3 S4	80 oct
Kentland	6 ENE		19	Data unver.,
Lake Village	1 NW;hwy S	650	22 S2	80 oct. Data unver.
Rensselaer	10 NE		18	Data unver.

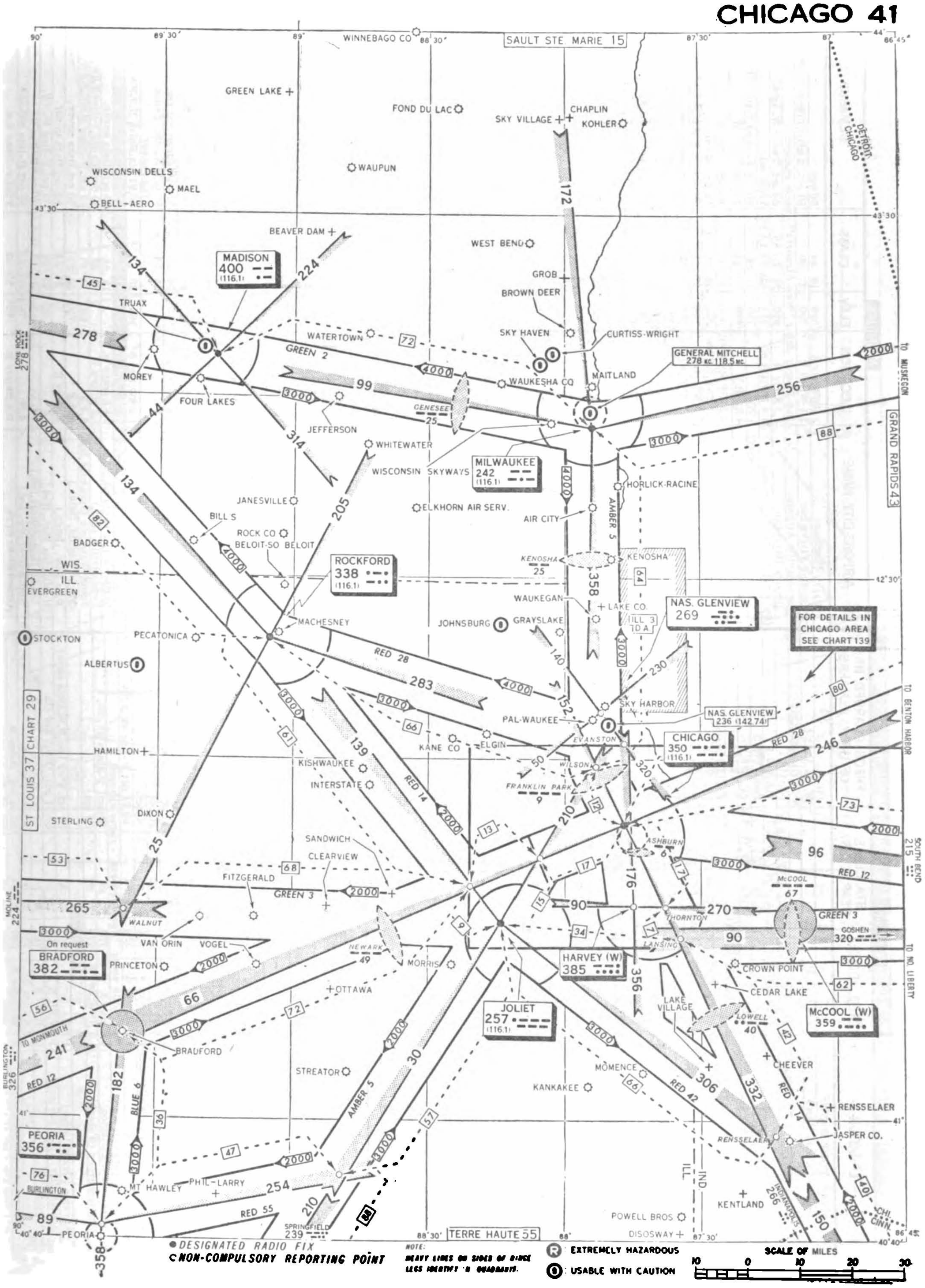
[redacted]

➤ Air City (Sturtevant)	0.6 SE;hwy N	633	26 S6	80,91 oct.P-line NW.Const.on strips
➤ Badger (Monroe)	1.8 SW;RR N;hwy	1080	20 S4	80 oct. Fence S,W
➤ Beaver Dam Inc.	2 N;lake W			ABANDONED
➤ Bell-Aero Service (Baraboo)	4 NNW;hwy W	980	21 S2	80 oct.N/S strip rough.
➤ Bill's (Broadhead)	1.8 S;hwy S	780	24 S2	80 oct.SE blocked.
➤ Brown Deer (Milwaukee)	10 NNW;RR E	681	25 S6	80 oct. Pole lines N
Chaplin Arpk (Plymouth)	0.5 N;RR W		22 S2	80 oct. Data unver.
➤ Curtis-Wright (Milwaukee)	9 NW;riv W	750	27 S6	80,91 oct.NE,E blkd.Hi-line N.
➤ Elkhorn Air Service	1.5 N;hwy E	1000	21 S6	80 oct. Rough and rolling P-line E,W
➤ Fond du Lac	2.6 ENE;hwy S	769	26 S4	80,91 oct.P-line N,NE,NW SE blkd.
➤ Four Lakes (Madison)	3 SSE;lake N	881	25 S6	80 oct. P-line
(P)GENERAL MITCHELL (Milwaukee)	6 S;RR E	676	50h R2 L4 S6	80,91,100 oct.
Grob (Cedarburg)	2 N	875	24 S4	Data unver.
Horlick-Racine (Racine)	2 N;RRs E,W	665	25h L1 S6	80,91 oct. Trees N,SE.
➤ Janesville City (Janesville)	1.8 NNE;RRs NW	880	26 S6	80,91 oct.51' twr SE;p-line
➤ Jefferson	1.7 WSW; riv E	800	17 S2	80 oct,N blkd.
➤ Kenosha	2 S; RR W	623	29 L S6	80,91 oct. Flood lgts.P-line SW,NW
(P)Kohler	1 N;hwy S	647	30 L1 S6	80,91 oct. SW blkd.
➤ Mael (Portage)	1.6 NW;lake SE	820	26 S6	80 oct. Obsts sur fld.
➤ Maitland (Milwaukee)	3 ESE; lake E	590	25 S6	73,80,91 oct. Stack S.
Morey (Madison)	9 WNW;hwy E	928	34 S6	80 oct. 30' pole line S.
(P)Rock County (Janesville)	4.5 SSW;RR W	807	54h L5 S2	80,91 oct.
➤ Skyhaven (Milwaukee)	2.5 NW;hwy N	800	25 S6	80 oct.P-line N.Trees E,S;hill W.
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver.
(A)TRUAX (Madison)	5 NE;hwy E	859	60h R1 L5 S6	80,91 oct. ARMY TMP INACT: CIVIL FACS
Watertown	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
➤ Waukesha County	1.8 N;hwy N	904	31 S6	80,91 oct. S,NW blkd.
➤ Waupun	3.5 W;hwy SE	912	18 S1	80 oct.
➤ West Bend Flying Service (West Bend)	2.5 E;riv S	880	21 L3 S6	80 oct.Fld lgts prior req. Poles sur fld. N,NE,NW blkd.
➤ Whitewater	2 N;RR S	810	22 S5	80 oct.P-line ESE, E,ENE blkd.
(P)Winnebago Co. (Oshkosh) ➤	2 SSW;RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE,N,W. Rnwy data unver.
➤ Wisconsin Dells-Lake Delton (Lake Delton)	0.8 SE;riv NW	910	24 S6	80,91 oct. P-line SE
Wisc. Skyways(Hales Corner)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.

NEW AIRPORTS

Ottawa (Ill.)	Adj NW		22 S2	80,91 oct. Data unver.
Disosway Sheldon (Ill)	5.8 SW; RR W		26 S2	73, 80 oct Data unverified
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.
Sandwich, (Ill.)	1 W;RR N		13 S4	30 oct. Data unver.
➤ Beaver Dam, (Wisc.)	1.7 N;lake N,E	910	20 S4	80 oct.
Hamilton Arpt (Polo,Ill.)	2.3 NE	795	25 S3	80 oct.P-line N,E blkd.

CHICAGO 41


SAULT STE. MARIE 15
WINNEBAGO CO
GREEN LAKE
FOND DU LAC
SKY VILLAGE
CHAPLIN
KOHLER
DETROIT
CHICAGO
WAUPUN
WISCONSIN DELLS
MAEL
BELL-AERO
BEAVER DAM
WEST BEND
MADISON
400
(116.1)
GROB
BROWN DEER
TRUAX
SKY HAVEN
CURTISS-WRIGHT
WATERTOWN
GREEN 2
GENERAL MITCHELL
278 kc 118.5 Mc
MOREY
FOUR LAKES
WAUKESHA CO
MAITLAND
GENESEE
JEFFERSON
WHITEWATER
MILWAUKEE
242
(116.1)
WISCONSIN SKYWAYS
HORLICK-RACINE
JANESVILLE
ELKHORN AIR SERV.
AIR CITY
BILL S
ROCK CO
BELOIT-SO BELOIT
BADGER
KENOSHA
ROCKFORD
338
(116.1)
WIS.
ILL.
EVERGREEN
WAUKEGAN
LAKE CO.
NAS. GLENVIEW
269
FOR DETAILS IN CHICAGO AREA SEE CHART 139
MACHESNEY
JOHNSBURG
GRAYSLAKE
STOCKTON
PECATONICA
ALBERTUS
RED 28
SKY HARBOR
PAL-WAUKEE
NAS. GLENVIEW
236 (142.7)
EVANSTON
CHICAGO
350
(116.1)
KANE CO
ELGIN
HAMILTON
KISHWAUKEE
WILSON
FRANKLIN PARK
INTERSTATE
RED 14
DIXON
STERLING
SANDWICH
CLEARVIEW
ASHBURN
FITZGERALD
GREEN 3
WALNUT
McCOOL
67
THORNTON
LANSING
GOSHEN
320
VAN ORIN
VOGEL
On request
BRADFORD
382
PRINCETON
NEWARK
MORRIS
OTTAWA
HARVEY (W)
385
CROWN POINT
CEDAR LAKE
LAKE VILLAGE
JOLIET
257
(116.1)
LOWELL
McCOOL (W)
359
BRADFORD
STREATOR
MOMENCE
CHEEVER
KANKAKEE
RENSSELAER
JASPER CO.
PEORIA
356
MT HAWLEY
PHIL-LARRY
BURLINGTON
KENTLAND
POWELL BROS
DISOSWAY
SPRINGFIELD
239
TERRE HAUTE 55
TO MUSKEGON
TO BENTON HARBOR
TO NO. LIBERTY
SOUTH BEND
215
GRAND RAPIDS 43
ST LOUIS 37
CHART 29
LONE ROCK
278
MOLINE
224
BURLINGTON
326
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF AIRWAY LEGS IDENTIFY 'R' QUADRANTS.
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO

INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BAER, FORT WAYNE	278	C	(4)
BENDIX (South Bend)	278 (118.3)	C	(4);118.3,122.5
DECATUR FM			DECOMMISSIONED
FORT WAYNE (Baer Field)	251 (FW)(116.1)	BMRLZ-DTV,51°,3.5	(4);116.1
GOSHEN	320(GO)(116.1)	SBRAZ-DTV,90°,2.7	(4); 116.1
NOTRE DAME LFM	(- -)	LFM, 75°, 8.2	South Bend.
SOUTH BEND (Bendix)	215(SN)(116.1)	SBMRAZ-DTV,75°,3.3	(3); 116.1
MICHIGAN			
BANGOR FM	(- - -)	FM, 213°, 48	Grand Rapids
BATTLE CREEK (Kellogg)	272(JC)(116.1)	BMLZ-DTV, 3°,3.2	(4); 116.1
GRAND RAPIDS (Kent County)	329(GR)(116.1)	BMRLZ-DTV,303°,2	(4); 116.1
JACKSON (Reynolds)	257 (JN)	MHT	(4)
LANSING (Capital City)	206 (LJ)	SBMRAZ-DT,280°,3	(4)
MUSKEGON (Muskegon County)	263 (UK)	BMLZ-DT,317°,2.8	(4)
OHIO			
ARCHBOLD (Int.)	371(YV)	MHW	(Cont.)
NEW RADIO FACILITIES			
MARKLE(Ind)FM	(- - -)	FM, 231°, 10	Ft. Wayne

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Auburn	1.3 NNW;RR E	872	27 S6	80,91 oct.P-lines E,W.Soft when wet
(A) BAER (Fort Wayne)	7.5 SSW;RR E	799	63h R2 L5 S4	91 oct;100 oct Army.Fld lgts prior
BENDIX (South Bend)	3.5 NW;hwy S	778	48h R2 L3 S6	80-100 oct. Pole line E, S req
Cadet (South Bend)	6.5 NE;RR E	730	33 S4	80 oct. Twr W; pole line E.
Chain Lakes (South Bend)	5.2 W;hwy N,S	765	22 S3	80 oct.
Culver (NC)	2 E;lake W	815	26	
Elkhart	2.7 NNW;RR S	752	27 S6	73,80 oct. Hedge N.
Gordon (New Carlisle)	2.8 ESE;RR N	730	13 S1	Fuel avail. Poles E.
(P) Goshen	4.5 SSE;riv SW	823	39 R1 L3 S6	80,91 oct. P-line S,SE,SW.
La Porte	2.5 SSW,RR W	801	29 L3 S6	80 oct. S & SW blocked
Logansport	4.4 SSW;hwy E	605	27 S1	80 oct. Port rnwy lgts.Poles E,N
McComb (Decatur)	0.9 NW;hwy E			ABANDONED.
Manchester (No. Manchester)	1.5 W;RR E	752	20 S2	80 oct.Poles S.
Medaryville	1.1 NW	645	24 S1	80 oct. Data unver.
Michigan City	4 E;RR N	650	23 S3	80,91 oct. Pole line S,W
Midway (Goshen)	5 NW		36	Data unver.
Million (Logansport)	See Logan under "New Airports" - name changed.			
Monticello (Chalmers)	3 ENE;RR W	650	19 S2	80 oct. Hwy W.
Myers (Fort Wayne)	3 SSE;rd E,S		24 S6	80,91 oct. Pwr line NE.
Peru	3.5 WSW;riv E	650	24 S6	80 oct. S,SW blocked
(P) Plymouth	1.5 NW;RR E	898	32 S4	80,91 oct. Poles W,E.
Rochester	1.5 E;RR N	779	25 L S6	80 oct.Poles SE,S,N,NW,NE blkd.
Smith (Fort Wayne)	4.5 N;bet RRs	831	35h L4 S6	80,91 oct. Lgts prior req.
Sportsman (Mishawaka)	3.7 NE;riv S	760	18 S4	73 oct. No sto. Poles E, S.
Starke County (Knox)	1.7 S		26 S3	80 oct. P-lines sur fld.No sto.
Triangle Air Service(Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct.
(P) Tri State (Angola)	4.2 W;lake W	900	35 S4	80,91 oct.P-line SE,S,SW
Victory (Warsaw)	See Smith under "New Airports" - name changed.			
Wakefield (Huntington)	4 N;hwy E	750	30 S4	80 oct. P-lines SE,SW.
Whittenberger (Wabash)	1.5 NNW;hwy E	770	20 S2	80 oct.

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abrams (Grand Ledge)	1 NE	844	26 S2	80 oct. Pwr line S,W.Data unver.
Adrian City Arpt (Adrian)	3 SW;RR N	800	25 S6	80,91 oct. Obsts sur fld.
Allegan	1.9 E;RR S	701	21 S4	80 oct.P-line SE,Trees NW,
(P) Alma	1.3 NE;riv SE	750	32 S4	80 oct. Tanks S
Austin Lake (Kalamazoo)	8.5 SSE;lake N	860	27 S4	80,91 oct. Poles N.
Aviation Co. Club (Galesburg)	1.7 WSW	800	19 S2	80 oct. Data unver.

h-hard surfaced runways R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

MICHIGAN

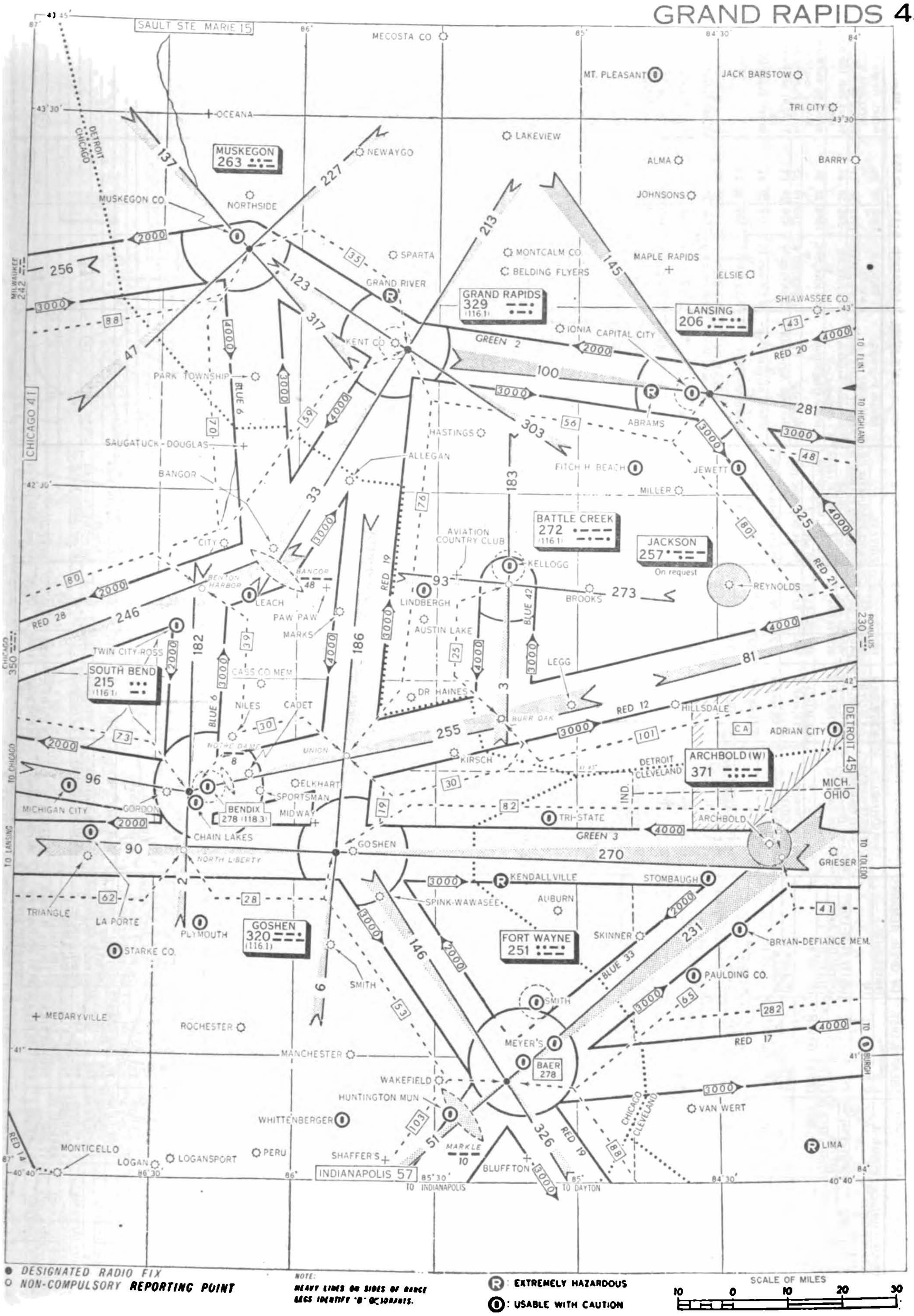
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Barry (Saginaw)	3 WSW;riv S	599	19 S4	80 oct.
Belding Fliers Inc.	2.1 W;RR E	790	27 S6	80 oct. S blkd.Trees W,NE
Breedsville Airpark	See Bangor under "New Airports" - name changed.			
Brooks (Marshall)	1.3 S;riv N	950	26 L3 S6	80 oct. Trees W, lgtd.
(P) CAPITAL CITY (Lansing)	3.8 NW;RR S	857	42h R1 L4 S6	73,80 oct.
Cass Co. Memorial (Dowagiac)	1 NW	750	31 S4	80 oct P-lines E,NE,S blocked.
City (South Haven)	4 S;RR W	640	30 S4	73 oct.Trees W.
Elsie	0.3 SSE;RR NNE	730	19 S2	80 oct. bldg W.
Fitch H. Beach (Charlotte)	1.8 ENE;RR NW	880	25 S6	73 oct. No sto.
Haines (Three Rivers)	2.3 NE;riv SE	820	26 S2	80 oct. N,E,S blckd.
Hastings	3.2 WNW;RR SW	802	34 S3	80 oct. Pole line N.
Hillsdale	1.6 NW;RR E	1160	19 S4	73,80 oct. No sto.Poles NE,E.
Ionia	3 S;hwy W	810	24 S6	73 oct. Poles NW.
Jack Barstow (Midland)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
Jewett (Mason)	1.3 SE;RR W	920	22 S2	73 oct. Poles W. ARMY TMP
Johnsons (Ithaca)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto. INACT.CIVIL FACS
(A) KELLOGG (Battle Creek)	3 WSW;RR bed W	936	62h R1 L5 S6	80-100 oct.Lgts on req.
(P) KENT COUNTY (Grand Rapids)	3.5 S;RR NE	681	44h R1 L3 S6	80,91 oct. Obst sur fld. Rdo
Kirsch (Sturgis)	1 NW;RR E	922	24 S4	80 oct. Poles S. repairs.
Lakeview	1.1 NNE;lake S	900	19 S6	80 oct. Poles N.
Leach Fld (Hartford)	1 NNW;RR E	664	26 S5	80 oct.
Legg (Coldwater)	1.5 NW	982	32 S4	80 oct. Trees E.
(P) Lindbergh (Kalamazoo)	3 W;RR W	872	40h S6	80,91 oct. P-line SE,S.
Marks (Lawton)	1 N;RR S	770	25 S6	80 oct. Poles W, ENE.
Mecosta Co., 5, GR-TG (Big Rapids)	1.5 NW;RR E	928	39 L3 S4	80 oct. Pole SE
Miller (Eaton Rapids)	1 ENE; riv W	908	21 S1	80 oct.
Montcalm Co. (Greenville)	2.5 S;RR E	800	22 S1	80 oct.
Mt. Pleasant	2.2 NE;riv N	755	36 S4	80 oct. E,SE,SW,W,NW blkd.
(P) MUSKEGON COUNTY	3.5 S;lake N	627	40h R1 L3 S6	80,91 oct.Bldg NE. Bndry lgts on
Newaygo	0.8 SSE;hwy W	785	20 S5	80 oct. Trees S. req only.
Niles	1.5 NE;RR NW	740	28 S2	80,91 oct. P-line NE.. N blkd.
Northside (Muskegon)	5.4 NNE	590	29 S4	73 oct. No sto.Refinery SW.
Oceana (Rothbury)	1 W;lakes NE		30 S2	80 oct. Data unver.
Park Township (Holland)	3 WNW;bay S	612	27 L4 S6	73,80 oct.No bcn. Lgts prior req.
(P) Reynolds (Jackson)	2.5 WNW;RR S	990	40h R1 L5 S4	80,91 oct. No sto. P-line SE,SW.
St. Joseph Co. (Centerville)(NC)	5 SE;RR,hwy N	830	26	P-line N,NW blkd. - Fld,obst
Saugatuck-Douglas (Douglas)	2 S;hwy W		26 S1	73 oct. Data unver. lgts on req.
Shiawassee Co. (Owosso)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Sparta	2.7 SE;RR W	752	25 S6	80 oct.Trees SE.
(P) TRI-CITY (Saginaw)	10 NW;RR SW	660	57h	"SERV & L6 LGTS FOR PCA ONLY
Twin City-Ross (Benton Harbor)	1.5 NNE;RR S	640	38h S6	73,80 oct.
White Cloud (NC)	0.5 N	872	18	Twr SE. P-lines NE,SW

OHIO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Archbold Int, 18, CG-LG	3.5 NNW;RR N	716	28 L3	
Bryan-Defiance Memorial (Defiance)	5.2 NW;riv E	705	31 S2	73,80 oct. Pole line S,E.
Grieser (Wauseon)	2.5 E;RR N	750	24 S1	80 oct.
Lima	4 WNW;RR NE	830	26 S6	80,91 oct. Pole line N.
Paulding County (Paulding)	2.5 NE;RR W	720	26 S2	80 oct. Poles S.Data unver.
Skinner (Hicksville)	1.6 NNW;RR S	810	26 S1	73 oct. Obsts sur fld.
Stombaugh (Bryan)	0.5 S		24 S4	80 oct. No sto. Fence E;wire W. Data unver.
Van Wert	1 WSW;hwy S	785	26 S6	80,91 oct.Poles N,S,NW,NE.

NEW AIRPORTS

Shaffer's (La Fontaine,Ind.)	5 NE;hwys N,W		19 S4	80 oct. Data unver.
Kendallville, (Ind.)	2.2 N;hwy W		25 S4	80 oct.No sto.P-line S,SW.
Spink-Wawasee (Syracuse,Ind.)	3.4 E	880	15 S1	80 oct.P-lines N,NE,S,SW.
Maple Rapids, (Mich.)	Adj E	750	26 S2	80 oct.Data unver.
Paw Paw, (Mich.)	2 N;riv E		26 S3	80 oct.Data unver.
Huntington Mun. (Ind.)		825	22 S4	73 oct.P-line W,NW.
Logan (Logansport,Ind.)	7 S	594	15 S1	80 oct.P-line S.
Smith (Warsaw, Ind.)	4 N	780	27 S2	80 oct.P-line NE,SSW.
Grand River Arpk (Comstock Park,Mich.)	0.4 SW;riv E	614	30 S2	Fuel.P-lines S,N.
Bangor (Breedsville,Mich.)	0.6 WNW;RR E	654	18 S4	80 oct.N blkd.Trees S.


SAULT STE MARIE 15
MECOSTA CO
MT. PLEASANT
JACK BARSTOW
TRI CITY
OCEANA
LAKEVIEW
MUSKEGON 263
NEWAYGO
ALMA
BARRY
JOHNSONS
MUSKEGON CO
NORTHSIDE
SPARTA
MONTCALM CO
MAPLE RAPIDS
BELDING FLYERS
ELSIE
GRAND RIVER
GRAND RAPIDS 329
LANSING 206
SHIAWASSEE CO
IONIA
CAPITAL CITY
KENT CO
GREEN 2
RED 20
PARK TOWNSHIP
BLUE 6
ABRAMS
HASTINGS
SAUGATUCK-DOUGLAS
ALLEGAN
FITCH H BEACH
JEWETT
BANGOR
MILLER
BATTLE CREEK 272
JACKSON 257
On request
AVIATION COUNTRY CLUB
CITY
BENTON HARBOR
BANCOR
KELLOGG
REYNOLDS
LEACH
PAW PAW
LINDBERGH
BROOKS
RED 28
RED 19
BLUE 42
AUSTIN LAKE
MARKS
TWIN CITY-ROSS
SOUTH BEND 215
CASS CO MEM
LEGG
DR HAINES
NILES
CADET
BLUE 6
BURR OAK
HILLSDALE
RED 12
ADRIAN CITY
NOTRE DAME
UNION
KIRSCH
DETROIT CLEVELAND
ARCHBOLD (W) 371
MICH. OHIO
ELKHART
SPORTSMAN
MIDWAY
BENDIX 278
MICHIGAN CITY
GORDON
TRI-STATE
ARCHBOLD
CHAIN LAKES
GREEN 3
GOSHEN
NORTH LIBERTY
GRIESER
KENDALLVILLE
STOMBAUGH
SPINK-WAWASEE
AUBURN
TRIANGLE
LA PORTE
PLYMOUTH
GOSHEN 320
FORT WAYNE 251
SKINNER
BRYAN-DEFIANCE MEM.
STARKE CO.
SMITH
BLUE 33
PAULDING CO.
MEDARYVILLE
ROCHESTER
MANCHESTER
MEYER'S
BAER 278
WAKEFIELD
HUNTINGTON MUN
VAN WERT
WHITTENBERGER
CHICAGO CLEVELAND
LIMA
MONTICELLO
LOGAN
LOGANSPORT
PERU
SHAFFER'S
MARKLE 10
BLUFFTON
INDIANAPOLIS 57
TO INDIANAPOLIS
TO DAYTON
TO CHICAGO
TO LANSING
TO TOLEDO
TO FLINT VIA HIGHLAND
DETROIT 45
ROMULUS 230
CHICAGO 350
MILWAUKEE 242
CHICAGO 41
DETROIT CHICAGO
137
227
213
145
123
317
47
256
100
281
303
183
325
33
246
182
186
93
273
81
255
96
90
270
146
231
326
51
3
2
6
137
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "B" CORRIDORS.
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS GUARDED, HRS OF OPER., REMARKS
→ BISHOP (Flint)	278(118.3)	C	(4);118.3,122.5
DETROIT CITY (Detroit)	278	C	(4)
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
DETROIT	201 (D)	MH; 329°, 2.2	Detroit City Arpt.
FLINT	335(FN)(116.1)	MHTV	(3);116.1
→ ROMULUS (Wayne Co)	230(DT)(116.1)	SBRAZ-DTV;86°, 2.8	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ;119°, 2.0	(3); 126.18
Selfridge Field	396 (126.18) +	CA(ILS-W)	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
→ YPSILANTI (Willow Run)			DECOMMISSIONED
Willow Run Arpt.	332 (118.7)	C(ILS-W)	(4); 118.7

OHIO

AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272(118.9)	C; 45°, 0.4	(4);122.5,118.9
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 261°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(3); 116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (JF)	BHMT	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
→ HOMERVILLE FM			DECOMMISSIONED
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. . - - -)	FM; 280°, 26	Cleveland

CANADA

WINDSOR, ONT.	353(QG)	SBRAZ-T;243°, 3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM- (0.23)	MM- ..... (0.83)	OM- -- (4.31)
					MMK-	OMK-
→ WILLOW RUN			50°	IM-	MM-	OM-
					MMH 341 - (0.65)	OMI 359 - - -(5.80)
				IM-	MM-	OM-
					MMK-	OMK-

S Simul Range and Voice. W Without Voice / VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army ACS transmits on and guards 116.1, 133.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct. Trees S,SW,SE.
Ann Arbor	4 S;RR E	835	28 L2 S6	80 oct. Trees NE.
Baker's (Port Huron)	3 NNW;RR NNE	585	27 S6	80 oct. Poles N,S,NE.
→ Berz(Birmingham)	1.5 E;RR SW	700	32 S2	80,91 oct. N blkd.
→ Big Beaver	0.8 E;hwy W	650	21 S6	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct. P-line N
→ Burns (Detroit)	8.5 WSW;RR N	625	19 S6	80 oct. SW blkd.
Caro	3 WSW;RR SE	741	22 S2	80 oct. S,SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line N
Croswell City	1 W;RR,riv E	732	26 S1	80 oct. S blocked.
↘ Dalton (Flushing)	2 ESE;riv W		26 S4	80 oct. Data unver.
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. P-line E
→ DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	80,91 oct. Rdo rcvr rqrd. ARPT OF ENTRY
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct. Poleline sur fld.
Gridley (Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct. Pole E; woods N.
→ Hance (Wyandotte)	2.5 W;hwy W	590	28 S6	80 oct. N blckd.
→ Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. P-line E, trees ENE, W, WSW, WNW
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct. Bcn prior req.
→ Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	80 oct. Obsts sur fld.
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct. Poles NW; bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct. Poles N,W.
Milan	3.8 SW;RR SE	705	23 S2	80 oct. Poleline N
Monroe (Newport)	3.5 SSE;hwy SE	590	29 S4	73 oct. No sto
Nan-Bar (Flat Rock)	0.7 ENE;RR N	590	28 S6	80 oct. Smudge pots prior req. Data unver.
→ Nat'l Flying Service (Detroit)	11.5 WSW;RR N	635	29 S4	80 oct. Poles NE,NW.
(N) Newport OLF (N)	3 W;hwy E	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct. Poles S
(NG) Romulus	See Wayne Co. under "New Airports" - name changed.			
→ Roseville	0.5 S;hwy W	610	31 S6	80 oct. SE,SW blocked.
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct. Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct. Poles. Lgts on NE,SE,SW,NW req
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. N,NE blocked.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct. JP-1. Poles E. FOREIGN CLEAR STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
→ Stinson (Wayne)	1.4 SW;RR E	664	25h S1	80 oct. P-line NNE. PRIV.
→ Tecumseh	1.8 NNE;riv SW	815	26 S6	80 oct. P-lineS. W blkd
→ Thomas B. Joy (Detroit)	13 NE;RR W	616	24 S6	80 oct. Trees SW
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct. 30' poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct. Pole line N.
Washtenaw (Ann Arbor)	5 W		26 S2	80 oct. Hi-line S. Data unver.
West's (Clio)	4 SW;rd E	690	21 S2	80 oct.
(P) Willow Run (Ypsilanti)	4 E;RR N; riv S	710	74h R2 L5 S1	90,100 oct. Rdo rec required.
→ Wings (Utica)	2.5 SW;RR E	630	23 S1	73 oct. N,NE blocked.

OHIO

(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct. No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80, 91 oct. Poleline W
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. E blocked
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct. Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE	600	18	
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct. Pole line all sides.
Gage (Mansfield)	4.5 W;RR SE	1360	13 S2	73 oct.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy S	1300	30 R1 L3	
→ Hinde (Sandusky)	2.8 E;RR S	574	30 S6	80 oct. P-line SE,S ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto. Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct. Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE	1080	30 L S6	80 oct. Pole line sur fld.
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct. Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct. No sto Poles SSW. Const. E, W rnwy
→ Norwalk	0.8 NE;RR W	700	18 S2	80 oct. Poles W,SW.
Norwalk Airpark (NC)	2 NNE;RR W	690	29 S2	73,80,91 oct. Poles W, SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	29 S1	80 oct. Poles E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int. 4B.CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus (Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct. Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto Pole line N,E,SE.
Snyder (Fostoria)	1 E;reservoir SSW		32 S1	80 oct. Data unver
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct. No sto Poles sur fld.
→ Tiffin	1.5 N;RR W	750	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	623	42h R2 L5 S4	80,91,100 oct
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE. Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct. Pole line W. Rnwy data unver.
Willard	1.6 SSW;RR NE	960	22 S2	80 oct. Poles W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.

NEW AIRPORTS

Akron-Canton, (Ohio)	12 SE Akron		56h L3 S1	91 oct. Data unver.
(NG) Wayne Co. (Romulus, Mich) (NG)	3 E;RR N	630	61h R1	100 oct. 1-ech maint NC ARPT OF ENTRY

h-hard surfaced runways. R-radio facilities L-lighting facilities. S servicing (See page IV) NC (not charted). → NEW OR REVISED DATA

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

R : EXTREMELY HAZARDOUS

O : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

DETROIT AREA

SAULT STE. MARIE 15
JAMES CLEMENTS
SKYHAVEN
SAGINAW
CARO
SAGINAW 212
FLINT 335 (116.1)
On request
FORREST
DALTON
WEST'S
BISHOP 278 (118.3)
LAPEER
SEELYS
CROSWELL CITY
MICH. 3 D.A.
MICH. CAN.
BAKERS
ST. CLAIR CO. MUN
ALLEN'S
CENTER
SELFRIDGE AAF 388
SELFRIDGE AAF 396 (126.18)
OXFORD
PONTIAC
HIGHLAND
HOWELL
ROMULUS 230 (116.1)
WIXOM
WASHTENAW
ANN ARBOR
GRIDLEY
McENNAN
SALINE
ECORSE
FLAT ROCK
MILAN
DUNDEE
TECUMSEH
WILLOW RUN 332 (118.7)
NAN-BAR
NAS. DETROIT 269 (142.74)
MONROE
NEWPORT OLF
NATIONAL AVIATION
MICH. OHIO
FRANKLIN
TOLEDO 263
DETROIT CLEVELAND
OHIO 6 D.A.
PUT-IN-BAY
PENINSULA
BOWLING GREEN
BRICKER
TOLEDO 239 (116.1)
SLAGER
SNYDER
TIFFIN
FINDLAY
FINDLAY 209
GAGE
PORT BUCYRUS
GALION
NORWALK
PARKS
HINDE
SANDUSKY
VERMILION
ELYRIA
AVON LAKE
BRECKSVILLE
WINDSOR 353
CHATHAM
CLEAR CREEK 248
PERRY 332 (116.1)
PERRY
FOR DETAILS IN CLEVELAND AREA SEE CHART 139.
CLEVELAND 344 (116.1)
CAN. OHIO
BUFFALO 4 7
ERIE
CLEAR CREEK 248
AMBER 6
TO YOUNGSTOWN
TO ERIE
TO BUFFALO
TO FORT WAYNE
TO TROY
TO ARCHBOLD
TO LANSING
TO BUFFALO
TO BUFFALO OAK
GRAND RAPIDS 43
STATUTE MILES
BIG BEAVER
McKINLEY
BERZ
KRIST-PORT
WARREN
THOMAS B. JOY
ROSEVILLE
WINDSOR
DETROIT CITY 278
DETROIT 201
GREEN 2
METTETAL
BURNS
TRIANGLE
NATIONAL FLY. SVC.
HARTSELL AIR TERM
FORD
STINSON
HANCE
WAYNE CO.
ROMULUS 230 (116.1)
SCALE OF MILES
MITCHELL BAY
WILLOW RUN
NAS. DETROIT
NEWPORT OLF
NATIONAL AVIATION
DETROIT CLEVELAND
PENINSULA
SANDUSKY
HINDE
NORWALK
PARKS
WILLARD
MANSFIELD
ASHLAND
WOOSTER
MEDINA
PRICHARD
WESTFIELD
LING
AKRON 272 (118.9)
AKRON-CANTON
McKINLEY
NOBLE
MARTIN
NORTH ROYALTON
PARKMAN
KENT STATE
AKRON 362 (116.1)
MILLER
TAYLORCRAFT
CLEVELAND
PITTSBURGH
DAYTON 245
COLUMBUS 59
COLUMBUS 391
HAYESVILLE
HAYESVILLE 329
TO NEWARK
TO PITTSBURGH
TO WELLSBURG

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	BEAR. & DIST	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANGOLA FM	(. . - - -)	230°,24	FM	Buffalo.
BUFFALO Range	260(BJ)(116.1)	230°,0.9	SBRAZ-DTXV	(3); 116.1
Buffalo Tower	278 (126.18, 118.5)		AC	(4); 126.18,122.5,118.5
CHEEKTOWAGA LFM	(- - -)	230°,4.7	LFM	Buffalo
DUNKIRK MH Fac.	239 (DK)		MHW	
EAST PEMBROKE FM	(- -)	92°,17.5	FM	Buffalo
NIAGARA FALLS Tower	272 (126.18)		CI	(4);126.18,122.5 (8-20)
WOLCOTTSVILLE FM	(-)	50°, 11	FM	Buffalo
OHIO				
YOUNGSTOWN Range	212 (CT)(116.1)	185°,3.4	BMRLZ-DTV	(4); 116.1
Youngstown Tower	278		CI	(4); (630-2030)
PENNSYLVANIA				
➤ BROOKVILLE FM				DECOMMISSIONED
BROOKVILLE Range (Int.)	391 (BR)		MHW	
ERIE Range (Port Erie)	371 (ER)(116.1)	64°,2.0	SBMRAZ-DTV	(4); 116.1
MILLBROOK Range	109.1 (MC)		VARW	
NORTH SPRINGFIELD FM	(- - -)	253°,12	FM	Erie
PHILIPSBURG Range	224 (MJ)(116.1)	169°,5	SBRAZ-DTV	(4); 116.1
PHILIPSBURG Range	108.7 (MJ)		VARW	
CANADA				
CLEAR CREEK Range (Ont.)	248 (QO)		BRAZ-T	(4)
TORONTO Range (Ont.)	368 (YZ)	17°,4.0	SBRAZ-TX	3105,6210,3117.5

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice + — Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Angola	1.4 N;RR SE	610	15 S1	80 oct.
Arcade	2 N;RR E,W	1740	22 S4	Ltd 80 oct. No sto.
Audubon (Getzville)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia	2.4 NNE;rd W	910	30 S6	80 oct. Pole line W. Trees E.
Buffalo Arpk (Gardenville)	1.5 ENE;rd S	680	27 S6	80 oct. OF ENTRY.
(A) BUFFALO	6.1 ENE;RR NE	711	56h R2 L6 S6	80-100 oct;100 oct Army ARPT
➘ Country Club (Clarence)	2.3 SSE;RR S	800	36 L S6	80 oct. Trees SW. Port lgts on req.
County Line (No. Tonawanda)	3.4 E;RR SW	577	21 S4	80 oct.
(P) Dunkirk	3 E;RR N,S	692	40h L5 S6	80,91 oct.
Falconer	1.3 NNE;RR S	1250	22 S4	80 oct. Obsts sur fld.
➤ Fredonia	3.5 W;RR SE		27 S2	80 oct. Pole line N,E.
Gowanda	1.4 NNW;crk W	760	22 S6	80 oct. No sto.
Graf (Lockport)	2.8 N;RR S	380	15 S6	80 oct.
Hamburg Airpark Incorporated	2 NNW;RR,hwy W	722	23 S2	80 oct. Pole line NE.
Hayes (Blasdell)	0.7 SSE;RR E,W	723	20 S4	80 oct. No sto.
Jamestown	4.1 N; hwy E	1719	27h S6	80 oct. Trees S.
Lee (Lockport)	1.8 SSE;hwy N	640	18h S2	80 oct. Pole line N.
Medina	2 W; RR S	500	21 S1	80 oct. Obsts sur fld.
(P) Niagara Falls	4 E;RR N	587	55h R1 L5 S4	80-100 oct JP-1. No sto.
Olean	1.8 SE;RR N	1440	22 S6	80 oct. Trees W,N; hill S.
Palmer (Olcott)	1.2 SSW;RR S	315	17 S2	73 oct. Pole line E.
Perry Central	1.7 NNW;lk SSW	1400	23	P-line,trees N,E
➤ Perry Flying Svc. (Perry) (NC)	3.3 W;RR 3 mi W	1640	21	Pole lines NNE Reported
Ripley	1.4 WNW;lake N	650	22 S4	80 oct, No sto. ABANDONED
Salamanca	1.6 W;RR N,S	1370	12 S6	80 oct.
Scott (Lancaster)	1.5 E;RR N,S	680	22 S1	80 oct. Pole line SW. Rnwy data
Shawnee Flying Service (North Tonawanda)	4.5 NNE;riv SE	580	33 S6	80 oct. Pole line E,W. unver.
Sheridan (Williamsville)	2.5 NE;hwy SE	640	38 S6	80 oct. No sto.
Silver Creek (NC)	1 WSW;hwy SE	720	11	Trees E, NW
Silver Springs	0.5 E;lake NE	1420	15 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). ➤ NEW OR REVISED DATA

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Springville	1.5 NE;RR W	1395	26 S4	80 oct. Pole line N,E. Rnwy data unver.
Steffen (East Amherst)	3.5 N	582	22 S6	80 oct. Obsts sur fld.
Tonawanda	3 SSW;RR E	610	30h S4	80 oct. Rough. Obsts sur fld.
Transit (Depew)	2 SSW;RR N	670	13 S2	80 oct. Trees, bldg E.
Werle (Dunkirk)	1.8 ENE;RR N,S	640	22 S1	80 oct. Poles,trees sur fld.
Westfield (NC)	1.5 WSW;hwy N	758	18 L1	S blocked.
OHIO				
Ashtabula	3.1 W;lake N	621	17 S2	80 oct.
Bernard (Youngstown)	3.4 E;lake NE	1140	28 S6	73,80 oct. Pole line N,S,W.
Bird (Youngstown)	2.6 NE;RR W	1000	22 S4	80,91 oct. Pole line W,N.
Brookfield	0.8 W;RR W	1130	20	Poles N,E.
Conneaut	2 ESE;hwy S	670	18 S1	80 oct.
Hall (Warren)	3.5 ENE;RR NW	900	26 S2	73,80 oct. Poles E.
➤ Holloways (Greenford)	1 ENE;RR W			ABANDONED
Port Warren (Warren)	1.5 N; RR W		24 S1	80 oct. Data unver.
Sky Harbor (Williamsfield)(NC)	1 S;hwy E	1140	26	Poles E
Swaney (East Liverpool)	4.9 NW;crk SE	1170	22 S2	80 oct.
Tyndall (Warren)	6 NNW;RR E	940	30 L1 S4	80 oct. No sto.
Warren Airways	2.3 WNW;RR S,E	900	22 S2	73 oct. Trees S.
Watson (Youngstown)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
YOUNGSTOWN	11 N;hwy E	1178	39h R2 L5 S6	80,91 oct;100 oct on req.
PENNSYLVANIA				
Albert (Philipsburg)	5.5 NNW;rd N	1750	38 S5	80,91 oct. P-line sur fld. Rnwy
➤ Braebreeze (Marchand)	0.3 N;RR NW	1600	18 S2	80 oct. Trees N,NE. data unver
Brockway	1.3 NE	1700	18	
Brokenstraw (Youngsville)	2.6 W;RR S	1230	17 S4	73 oct.
* Brookville Int,45A,CG-LG	2 WSW;RR E	1416	30 L3 S1	80 oct.
Butler-Alameda (Butler)	3.4 WNW	1340	24 S6	80 oct. Pole line E.
Clearfield	1.5 WSW;RR SE	1220	20 S1	80 oct. Pole line NE.
Conneaut Lake	1.7 WSW;hwy SE	1250	18 S2	80,91 oct. Pole line SE end.
Conway	0.7 N	950	24 S4	80 oct. Hill N. Rnwy data unver.
Dubois	1.7 ESE;RR NE	1575	30 S6	80 oct.
Erie City (Kearsarge)	0.5 W;hwy E	900	29 L S6	80 oct. Port rnwy lgts. P-line SE
Erie County (Erie)	11.6 SW;hwy N	805	24 S6	80 oct. Poles N,E,S.
➤ Green (Ridgeway)	3 NW;hwy 1 E	1720	21 S1	80 oct.
Greenville	2.3 W;RR E	1180	17 S2	80 oct. Pole line S.
Grove City	2.1 SSE;RR E	1275	19 S4	80 oct
➤ Harri-Emery (Bradford)	2.3 WSW;hwy N	1490	26 S1	80 oct.
➘ Kylertown	1 WNW	1660	40 S4	80 oct. Trees S,WNW
(P) McKean County (Bradford)	11 S;RR SW	2140	45h S1	80 oct.
Mercer	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
Merry's Pymatuning (Linesville)	1.5 NW;RR E	1200	21 S2	73 oct. Pole line NNE.
➤ Mount Jewett	0.8 ESE;hwy N	2240	19 S2	80,91 oct. Trees NE,W.
New Castle	4 WNW;hwy SE	1080	29h S5	80 oct.
Parker Cramer (Clarion)	1 ENE;riv N	1480	28 S2	80,91 oct. Rnwy data unver.
Patterson (Beaver Falls)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville)	3 SSW;hwy E	1365	20 S2	73 oct.
Perry (Mars)	5 E;hwy E	1060	16 S6	80 oct. No sto. Pole line E.
Phillipsburg, 51A, CG-LG	7 E;hwy N	1940	30h R1 L3	
Pittsburgh-Butler (Butler)	6.7 SSW;hwy E	1235	49 L1 S6	80 oct.
PORT ERIE (Erie)	6 WSW;RR SE	735	46h R1 L6 S6	80, 91 oct.
Port Lawrence (Corry)	1.2 S;RR N	1745	23 S2	73 oct. Pwr line NW.
Port Meadville (Meadville)	3.4 W;hwy S	1400	32h L4 S6	80 oct.
Punxsutawney	3 NE;hwy S	1470	22 S2	Ltd 80 oct. Pole line ESE,S.
Splane Memorial (Oil City)	4.1 NNW;hwy E	1490	22h L S4	80,91 oct. Port rnwy lgts.
Utahville	1 N; RR S	1800	22 S4	80 oct. Ltd 91 oct.
Warren	2 WSW;RR N	1100	23h L S4	80 oct. Port rnwy lgts.
NEW AIRPORTS				
Perry-Warsaw (Perry,N.Y.)	3 WNW;hwy N		15 S2	80 oct.
➤ Keystone Park (Emporium, Pa.)	.5 SW	1210	15	P-line SW,NE

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RADIO AIDS IDENTIFY 'R' QUADRANTS.

SCALE OF MILES
10 0 10 20 30

SYRACUSE

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
DANSVILLE MH Fac.	212 (DA)		MHW	
ELMIRA Range (Chemung Co.)	385 (EA)(116.1)	75°,1.8	SBRAZ-DTV	(4); 116.1
ROCHESTER Range	206 (RC)(116.1)	298°,2.2	BMRLZ-DTV	(4); 116.1
Rochester Tower	278		CI	3105, 4495 (8-24)
ROME AAF Tower	396 (126.18)+		CA	(4); 126.18 (8-22)
SYRACUSE Range (Mun.)	350 (SR)(116.1)	178°,2.2	SBRAZ-DTV	(3); 116.1
Syracuse Mun. Tower	278		C	(4)
TRI-CITIES Tower	278		CI	3105,6210 (days)
UTICA Range	359 (UA)(116.1)	151°,3.0	BMRLZ-DTV	(4); 116.1
PENNSYLVANIA				
ALLENTOWN Range (Allentown-Bethlehem)	320 (XA)(116.1)	192°,2.7	SBMRAZ-DTV	(4);116.1,122.1
LAKE CAREY FM	(- - - -)	360°,20.8	FM	Wilkes-Barre
SLATINGTON FM	(- - - -)	290°,12	FM	Allentown
→SUNBURY MH Fac.	353(SV)(116.1)		MHTV	(4);116.1
SUNBURY Range	108.3 (SV)		VARW	
WILKES-BARRE Range (Wilkes-Barre-Scranton)	272 (WI)(116.1)	91°,4.0	SBMRAZ-DTV	(4); 116.1
WILLIAMSPORT Range	375(IA)(116.1)	281°,7.0	BMRLZ-DTV	(4); 116.1
NEW RADIO FACILITIES				
→WATERTOWN(N.Y)	109.1(WB)		VARW	
→ALLENTOWN Range (Pa)	109.1(XA)	178°,5.7	VARW	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Martins Creek (Belvidere)	3 SSW;riv SE	340	25 S6	80,91 oct.Pole line N.

NEW YORK

Auburn	3.7 NNW;lake E	525	24 S4	80 oct. Poles,trees sur fld.
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct. Trees N.
Bonnie Brae (Owasco) (NC)	1.7 SW;RR W	960	17	Cattle on fld.
Boonville	4.5 ESE;riv NE	1273	29 S1	80 oct. Obsts sur fld.
Brizee (Pittsford)	2 E; RR N	422	25 S4	80 oct. Pole line S, NW.
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
→Carthage	1 E; RR NW	740	20 S1	80 oct. Hi-line W.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct. Pole line E.
(P) CHEMUNG CO. (Elmira)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate University (Hamilton)	5.4 N; RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct. Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30 S6	80 oct. Wooded ridge E.
Costa's (Painted Post)	2.7 NW	960	16 S1	80 oct. Trees W, NW.
Crowner (Wellsville)	1 W; RR E	1506	22 S2	80 oct. Obsts sur fld.
(P) Dansville	1 NW; RR NE	662	40h L3 S6	80 oct. Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct. Trees S,W.
Elmira	2 SSW;RR E	890	16	Trees adj NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy N	980	14	Trees WSW.
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct.No sto.Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct.Brush WNW.Rnwy data unver.
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct. 3' fence E,S,SE.
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct. Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W.	525	27 S6	80 oct. Trees E.
Ithaca	1.3 NW;inlet E	386	25h S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct. Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct. Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct.Pole line NE.
Martin (Montour Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct. Pole line S.
Meacham-Genesee (Rochester)	6 S; RR N	564	22 L S6	80 oct. Floodlgts in emerg.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). →NEW OR REVISED DATA

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct. Hill W. CLOSED
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
Moravia Air Haven	1 NW; RR E	730	20 S1	80 oct. S approach blocked.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct. Mtns N, NE.
* Newark Int, 27A, CV-AZ	1.3 NNW;rd N,E	—	—	ABANDONED
Painted Post	4.4 SW;RR W	950	19 S2	80 oct. Trees E, W.
→Parker (Palmyra)	2.8 S; RR N			ABANDONED.
Penn Yan	1.1 S; lake W	850	20 S2	80 oct.
Pulaski	3 SE;riv N	500	18 L S4	80 oct.Port rnwy lgts.Trees WSW.
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct.
Richland	0.6 NE;RR SW	560	21 S4	80 oct.Hi-line S.No sto.
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct.Pole lines W,NW,SE.
(N) ROCHESTER	3.7SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OF ENTRY NATS(Hospital flights)
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct. JP-1.
Rushville	2.5 NNE	1120	20 S1	Data unver.
Schoharie Co.(Richmondville)	1.3 NE;RR N	1000	16 S1	80 oct. Trees E.
Scottsville	1 N; RR W	600	10	Allway area: 1000 x 1000'.
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct. Pole line S.
Smithport Inc. (Utica)	3.5 SSE	1150	20h S1	80, 91 oct. Data unver.
(P) Syracuse	3.5 NNE;hwy W	419	55h	
SYRACUSE MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct. Rdo rec rqrd.
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80 oct.Twr W;hill N;trees E
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct. Wooded ridge E.
(P) Watertown	5.9 WNW;hwy N	325	50h L1 S4	80 oct.Bcn on req. ARPT OF ENTRY.

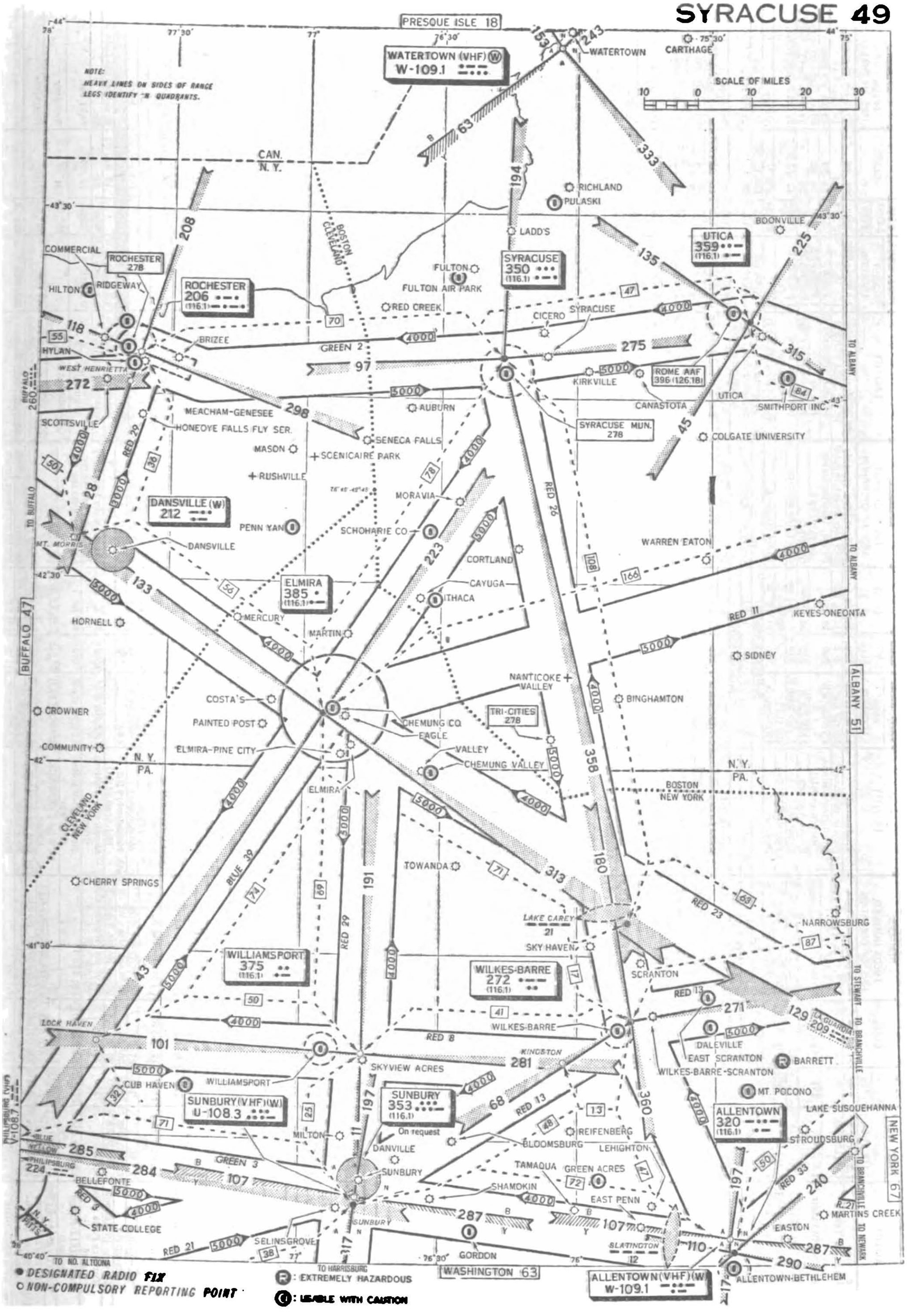
PENNSYLVANIA

→ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only. Fld lgts on req.
Barrett (Canadensis)	1.8 N;hwy SW	1450	18 S2	No fuel. Trees E.
Bellefonte	4.3 ESE;hwy N	1045	21 L3 S6	80 oct.
→Bloomsburg	0.8 ESE;riv S	478	32 L5 S6	80,91 oct.Pole lines SW,E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	24 L S4	80 oct.Lgts prior req.
→Cherry Springs (Galeton)	10 SW;hwy 1 S	2265	19 S2	80 oct. Trees W,SE,NW
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S1	80 oct. Pwr line E.
Daleville	0.6 N;hwy W	1775	19 S4	80 oct. Hill S.
Danville	2.2 SW;RR N	480	22 S3	80 oct. Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct. Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct.
East Scranton (Scranton)	7.3 ESE;lake E	1660	23	Trees S, N.
Gordon	1.8 W; RR E	960	18 S2	80 oct. Hill S.
Green Acres (Hazleton)	4 SE	1260	20 S4	80, 91 oct.
Lehighton	0.9 WSW;hwy NW	502	18 S5	80 oct. Trees WSW.
→Mid Valley (Olyphant) (NC)	3 N; rd NE	1580	20	
Milton	0.8 S;RR W	450	24 S6	80 oct. Pole line SW.
Mt. Pocono, 21, BJ-LG	1.5 NW;hwy NE	1925	26h L3 S1	80 oct. Pole line NE.
Mt. View (Nicholson) (NC)	4.8 ENE;crk NW	1280	21	50' trees S.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
Scranton	7.2 WNW;hwy N	1150	24h L3 S6	73-91 oct.Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S; RR N	639	20 S1	80 oct. Pole line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	19 S4	80 oct. Poles adj W.
Stroudsburg-E.Stroudsburg (Stroudsburg)	2.5 NNE;hwy S	426	22 S4	80 oct.
(P) Sunbury	2 NNE	443	37 R1 L1 S6	80 oct. No sto.
* Tamaqua Int, 61B, CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S1	80 oct. Pole line SW,NE.
Wilkes-Barre-Wyoming Val'y	3.5 NNE;riv S	546	35h R1 L3 S4	80, 91 oct.
(P) Williamsport	5.1 E; riv S	526	43h R1 L5 S6	80,91 oct. Lgts prior req.

NEW AIRPORTS

Nanticoke Valley Arpk (Maine,N.Y.)	4 NNE;hwy E	975	18 S2	80 oct.Data unver.
ScenicAire Park (Geneva,N.Y.)	2 S;lake E	550	27 S2	80,91 oct.Data unver.
Valley (Sayre, Pa.)	2.7 WNW	800	29 S6	80 oct.
→Wilkes-Barre-Scranton (Wilkes-Barre,Pa)	10 NE;		52h R1 L3	

SYRACUSE 49


PRESQUE ISLE 18
WATERTOWN (VHF) W
W-109.1
WATERTOWN
CARTHAGE
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.
SCALE OF MILES
10 0 10 20 30
CAN. N.Y.
RICHLAND
PULASKI
BOONVILLE
LADD'S
UTICA
359
(116.1)
COMMERCIAL
ROCHESTER
278
HILTON
RIDGEWAY
ROCHESTER
206
(116.1)
BOSTON CLEVELAND
FULTON
FULTON AIR PARK
SYRACUSE
350
(116.1)
RED CREEK
CICERO
SYRACUSE
BRIZEE
GREEN 2
HYLAN
WEST HENRIETTA
KIRKVILLE
ROME AAF
396 (126.18)
UTICA
CANASTOTA
SMITHPORT INC.
TO ALBANY
BUFFALO
MEACHAM-GENESEE
HONEOYE FALLS FLY SER.
SCOTTSVILLE
AUBURN
SENECA FALLS
SCENICAIRE PARK
MASON
RUSHVILLE
SYRACUSE MUN.
278
COLGATE UNIVERSITY
DANSVILLE (W)
212
PENN YAN
MORAVIA
SCHOHARIE CO
TO BUFFALO
MT. MORRIS
DANSVILLE
WARREN EATON
CORTLAND
CAYUGA
ITHACA
ELMIRA
385
(116.1)
HORNELL
MERCURY
MARTIN
KEYES-ONEONTA
SIDNEY
BUFFALO 47
ALBANY 51
NANTICOKE VALLEY
COSTA'S
CROWNER
PAINTED POST
CHEMUNG CO
EAGLE
TRI-CITIES
278
BINGHAMTON
COMMUNITY
ELMIRA-PINE CITY
VALLEY
CHEMUNG VALLEY
N.Y.
PA.
BOSTON
NEW YORK
CLEVELAND
NEW YORK
ELMIRA
CHERRY SPRINGS
TOWANDA
LAKE CAREY
21
SKY HAVEN
NARROWSBURG
WILLIAMSPORT
375
(116.1)
WILKES-BARRE
272
(116.1)
SCRANTON
LOCK HAVEN
WILKES-BARRE
KINGSTON
SKYVIEW ACRES
DALEVILLE
EAST SCRANTON
BARRETT
WILKES-BARRE-SCRANTON
MT. POCONO
LAKE SUSQUEHANNA
CUB HAVEN
WILLIAMSPORT
SUNBURY (VHF) (W)
U-108.3
SUNBURY
353
(116.1)
On request
MILTON
DANVILLE
SUNBURY
REIFENBERG
BLOOMSBURG
LEHIGHTON
ALLENTOWN
320
(116.1)
STROUDSBURG
TAMAQUA
GREEN ACRES
SHAMOKIN
EAST PENN
PHILIPSBURG
224
BELLEFONTE
STATE COLLEGE
SELINSGROVE
EASTON
MARTINS CREEK
SLATINGTON
12
GORDON
WASHINGTON 63
ALLENTOWN (VHF) (W)
W-109.1
ALLENTOWN-BETHLEHEM
TO HARRISBURG
TO NO. ALTOONA
TO STEWART
TO BRANCHVILLE
TO NEWARK
NEW YORK 67
LA GUARDIA
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
C: USABLE WITH CAUTION

CONNECTICUT

FACILITY	FREQ., IDENT, ARPT LOCATION	BEAR & DIST ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Bethany	1.3 N;hwy E	680	21 L2 S6	80,91 oct.No bcn.Lgts
→BRADLEY Tower	284 (126.18)		CI	3105,4495, prior req. 126.18
(NG) Bradley (Windsor Locks)	2.8 WNW; RR,riv E	171	50h R1 L1 S6	No fuel.
BRAINARD Tower [Brainard](Hartford)	278 (118.5) 2.8 SE;RR W	18	AC 48h R2 L5 S6	(4);126.18,122.5,118.5 80,91,100 oct.Dike E,N.
↘BRIDGEPORT Tower	269 (118.7)		C	(4); 122.5, 118.7
(P) [Bridgeport]	3.5 ESE	9	48h R2 L5 S4	80, 91 oct.
Brookfield	0.5 S,hwy W	280	10 S6	80 oct.No sto.Hi-line E
Canaan	1 N;RR W	680	24 S6	80,91 oct.No sto.P-line
Danbury	2.5 SW,RR N	454	44h S6	80 oct.P-line SW WSW,SSE.
Doane (Essex)	1.2 SW;RR E,N	30	21 S6	80,91 oct.Trees N,N W
Groton Trumbull	2.8 SE;RR W	10	50h	(Groton)
Hammonasset (Madison)	2 E.hwy N	15	14 S2	80 oct.Trees W.Use NE/SW strip only.
HARTFORD Range (Brainard)	329(HT)(116.1)	323°,2.3	SBMRAZ-DTV	(3) ; 116.1
Kinsley (Somers)	2.5 NNW,RR W	200	19	
Lufbery(Wallingford)	0.5 WSW;RR E	80	22 S6	80 oct.No sto.Stacks N,S
MERIDEN FM	(- - -)	244°, 17.6	FM	Hartford
MERIDEN Tower	278		CI	3105,4495 (days)
Meriden	2.7 SW;RR E	102	35 R1 L3 S6	80 oct.Hi-line W,S.
Milford	1.5 SSW,RR NW	10	20 S1	80 oct.
Monroe	0.7 SSE;rd E	620	20 S6	80 oct. Rd W.
[New Haven]	3.5 SSE;riv W	4	42h S6	80,91 oct;ltd 100 oct.P-
RENTSCHLER Tower	254 (126.18)		CI	(3);126.18 line NW.
Rentschler(E.Hart'd)	1 S;riv W	45	58h R1 L5 S6	80,91,100 oct.
Salem	2.1 E;lk NNE	400	21 S6	80 oct.
Southington	3.5 NNE;RR W	200	21 S4	80 oct.
Stephenson (Bristol)	1.5 ESE;RR N	240	18 S6	80,91 oct.
Tier Airstrip(Cheshire)	0.8 NNE;hwy W	200	14	W blckd.Use in emerg.
Waterbury	2.6 S;RR E,W	843	20 S6	80 oct. (Plymouth)
Waterford	1.7 N;RR SSE	60	20 S6	80 oct.Trees,hill S.
Watertown	2.2 S;lk N	660	19 L S4	80 oct.Port rnwy lgts on prior req.
West Haven	2.7 SW;hwy E	15	18 S4	80 oct.No sto.P-line E, W blocked.
Windham	3.5 NNW;hwy S	238	44h S1	80 oct.Trees NE,ENE.

MASSACHUSETTS

Adams	1.3 SSE;RR W	1400	18 S1	80 oct.
Agawam Land & Seaplane Base	0.5 S;riv E	50	16 S6	80 oct.P-line SE.
Barnes (Westfield)	3 NNE;RR W	268	50h R1 L5 S6	80,91 oct.
Bowles (Agawam)	2.4 WSW;trk E	190	40 S4	80 oct.P-line S,SSE,NW,
Brookfield's	1 W;RR SW	680	20 S6	80 oct.P-line SW. W.
→ East Brookfield	1 W;hwy N	640	15 S4	No fuel,no sto
Fair View Farm (Williamstown)	4 SW;riv E	954	23 S1	80 oct.P-line ENE.Hill NNE. Lgt acft only.
Gardner	2 SW;hwy N	1020	18 S4	80 oct.
→ Great Barrington	2 WSW;riv N	726	27 S6	80,91 oct.Obst sur fld.
Hiller(Barre Plains)	2 SW;riv W	589	25 S1	80 oct.
La Fleur(Northampton)	1.2 ENE;riv SW,N	120	26 S4	80 oct. No sto.
Metropolitan(Palmer)	5 N;riv W	400	19 S6	80 oct. Hill N.
(P) Orange	1.5 SE;hwy SE	555	50h S1	80 oct. Poles NE.
Pilgrim(Northampton)	9 N	120	16 S3	No sto. Data unver.
Pittsfield,3B,AZ-BW	2.4 WSW;hwy NW	1140	27 L3 S1	80 oct.P-line N.
Southbridge	1.7 N	700	27 S1	80 oct.Trees W,N
Springfield	2.3 NE;RR S	205	26 S6	80,91 oct.Bldgs W.
Stevens (N.Adams)	2.8 WSW;RR N	690	20 S4	80 oct.No sto.P-line E.
Turners Falls (Montague)	4.2 N	350	33 S6	80,91 oct. Wooded ridge SE,SW.
WESTFIELD Range (Barnes)	230(WJ) (116.1)	27°,1.7	BMRLZ-DTV	(4); 116.1
WESTOVER Army Rng	272 (DOJ)	239°,2.7	BMRAZ	(3)
WESTOVER Tower	396(126.18)+		CA(ILS)(GCA)	(3);126.18 (Appch cont.)
(A) Westover (Chicopee Falls) (A)	3.8 NNE;riv W	244	70h R3(L6)S6	73,91,100 oct. No sto.
→ West Springfield	2.2 WNW;riv E	50	18 S1	80 oct.

NEW HAMPSHIRE

FACILITY	FREQ., IDENT, ARPT LOCATION	BEAR & DIST ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Claremont	1.3 W;riv NE	520	28h S2	80,91 oct. req. (Keene)
Dillant-Hopkins	2 S;riv,RR W	481	40h L S6	80,91 oct.Port lgts prior
Brattleboro-Hinsdale (Hinsdale)	2.7 NW;RR W	360	18 S4	80 oct. Landing flares on prior req.
Keene Airpark	3 NW;RR W	500	21	CLOSED
Lebanon	3.3 WSW;RR N	579	40h L5 S4	80 oct.Rdo repairs.
LEBANON MH Fac.	209 (LP)		MHW	
Newport	2 NNW;RR W	780	20 S4	80 oct.P-line E.

NEW JERSEY

Sussex	1.2 WSW;RR S	420	25 S1	80 oct.200' knoll NNE.

NEW YORK

Accord (NC)	0.7 N;RR S	260	19	PRIV.Trees S,NE,SW.
Aero Lake & Seaplane Base (Kingston)	3.7 SSE;RR W	220	23 S4	80 oct. Trees S.
ALBANY Range	365(AZ)(116.1)	196°,3.1	SBRAZ-DTV	(3); 116.1
ALBANY Tower	278 (118.3)		AC	(4); 116.1,118.3,122.5
(P) [Albany]	6.9 NNW,riv N	283	35h R2 L5 S6	80,91,100 oct.ARPT OF
Amsterdam	6 N;rd NW	887	18 S6	80 oct,ltd 91 ENTRY. oct.Use strips only.
Arlington(Poughkeepsie)	1.5 E;RR E	280	18 S2	80 oct P-line NE,trees SW.
AURIESVILLE FM	(- - - -)	302°, 27.2	FM	Albany.
(P) Ballston Spa	3 N;RR E	433	40h L5 S6	80,91 oct.Fld lgts prior
Briggs (Carlisle)	0.6 SE;RR W	1320	12	req.
Catskill Valley (Catskill)	1.5 SW	100	26 S3	80 oct.Data unver.
Christie (New City)	1.5 N;RR E	150	16 S4	80 oct. P-line SW.
COLONIE LFM	(- - -)	206°,5.7	LFM	Albany
Cooperstown	1.4 NNW;RRSE	1660	16 L S4	80 oct.Pole S.Port lgts.
Cozine (Rhinebeck)	0.5 SE;RR W	200	20 S1	87 oct. Pole-line W.
Cliff Haven(Accord)	11 W;RR S	260	16 S1	80 oct.
Croton Arpk.	4.8 SW;riv SW	280	13	Hill SW. (Peekskill)
East Greenbush	0.8 NW;RR W	260	38 L S6	80 oct.Port rnwy lgts.P-
East Hampton	2.5 W;RR S	40	25 S4	80 oct.No sto. line N.
(A) Elizabeth (Fisher's Island) (A)	W end Island	7	29h L4	No bcn.
Farly's (New Baltimore)	3 S;RR W	10	20 S1	80 oct. Trees N.
* Ft.Plain Int,40A,CV-AZ	3 NNW;RR NE	680	35 L3	
Freedom Plains	2 W;rds N,E	340	11 S1	80 oct.Pwr line S.(Billings)
Fulco(Johnstown)	1 SE;hwy S	840	22 S4	80 oct.No sto
→GLENS FALLS MH fac	206(GB)(116.1)		BMHTV	(4);116.1 Data unver.
Glens Falls,	2.6 NW,rd S	474	36h S6	80 oct.
Glove City	1.5 NE;RR S	860	17 S1	80 oct. (Gloversville)
Halcott(Halcott City)	1 N		10 S1	80 oct. Data unver.
Hayduk (Herkimer)	0.6 SSW;RR N	400	12 S4	Ltd 80 oct.P-line E.
Huguenot(Port Jervis)	3.3 NE;RR SE	480	21 S6	80 oct.Trees SW.
Intercity (Schenect'y)	3.6 SSE;RR NE	340	20 S4	80 oct.
Kingston	1.5 NW;RR S	150	17 S4	80 oct.P-line NW.
(P) Kingston-Ulster	2.7 N;RR E	160	30 S4	80 oct.No sto.P-line E.
Lime Ridge(Beekman)	1.3 SE;RR S	420	16 L2 S6	80 oct.All lgts prior req.
Livingston Manor	0.5 SE;RR W		21h S4	80 oct.;91 oct.req.Data
Long Meadow (Rexford)	1.5 NE;RR N,S W	380	17 S1	80 oct.Poles unver. NNE.
→ Mahopac	1 NNW;lake E		20 S1	80,91 oct.
Margaretville-Fleischmanns(Marg'v)	0.2 S;riv W		21 S4	80,91 oct.No sto.P-line NE. Data unver.
Mattituck	0.8 ESE;bay S	12	25 S6	80,91 oct. Poles N.
→MEDWAY FM				DECOMMISSIONED
Miller (Nyack)	1.8 WNW;riv E	70	17 S6	80 oct.No sto.P-line SW.
Millerton	1.5 N;RR W	1000	13 S1	80 oct.Trees N.
Montgomery	1 WSW;riv W	393	22 S6	80 oct.Trees N,brush E.
(A) Montgomery U.S. Mil.Acad.#1 (A)	2 SW	355	35h	CLOSED.
Monticello-Sullivan County	1.4 S;RR E	1500	30 L S4	80 oct.No sto.Port rnwy lgts.Rnwy data unver.
Newburgh-Walden (Walden)	2.2 SSW;riv W	404	32 S6	80,91 oct.Obsts sur fld.
NEW HACKENSACK Range	236(NX)(116.1)	5°,5.3	SBRAZ-DTV	(4) ; 116.1
(P) New Hackensack	0.5 W	166	35h R1	Obsts NE.
New Paltz	0.8 W;RR E	190	20 S1	80 oct. NNE
Piseco	0.5 N;hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush

NEW YORK

FACILITY	FREQ., IDENT, ARPT LOCATION	BEAR & DIST ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
→ Plateau(Northville)	2.5 E;riv ESE	1040	24 S6	80,91 oct.Trees S. Rough.
PORTCHESTER FM	(. . -)	42°,16.5	FM	La Guardia
Randall's(Middlet'n)	1.8 ESE	520	20 S2	80 oct. RR NW.
Ravena	1.2 N;riv 2 E	180	14 S2	80 oct. Lgt acft only.
Rockland(New City)	1 SSE;RR E	240	14	Trees W;Hwy E. (NC)
Sacandaga Park (Northville)	1 SW;RR W	770	13 S1	80 oct.P-line WSW.
SARATOGA SPGS FM	(-)	28°,24	FM	Albany
(P) Schenectady Co.	3 N;RR SE	362	50h L5 S6	80,91,100 oct.
Schuylerville,Land & Seaplane Base	2.5 S;riv E	100	29	Trees N,S.
Selkirk	2.7 E;riv E	160	22	Trees N.
Sky Haven(Delanson)	0.9 NW;RR SE	1100	14 S2	80 oct.ESE,W blocked.
Somers	0.6 SE;RR E,S	563	20 S4	80 oct. No sto.
Spring Valley	0.3 E		19 S2	Fuel. Data unver.
Stanton's Newburgh Cub Port (Newb'g)	5.3 NW;RR S	520	12 S2	80 oct. Trees S.
Starhaven(Middletown)	1.3 NW;RR SW, N	750	29	Trees SW, SE, NW.
Steenburgh Avia. Svc.(Gloversville)	1.5 ENE;RR N	900	8 S1	80 oct.
STEWART Army Rng	335(DMU)		MRLW	
STEWART Tower	396 (126.18)	125°,2.4	CA	(3); 126.18 (7-23)
(A) Stewart(Newburgh)	4 W;hwy N	474	61h R1 L5 S6	100 oct. JP-1. (A)
Stone Arabia	3.6 ENE;hwy E	880	18	P-line NNW.(Ft.Plain)
Stormville	1 ENE;RR S	350	23 S4	80 oct.No sto.Trees NE
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	(LG-UL)
★ Ticonderoga Int,22	2.7 NNE;rd E	210	32 L3 S1	80 oct.Obst sur fld.
Troy	2 SSE;riv W	327	30 L4 S6	73,91 oct.Trees NW.
Valley Air Park	1.5 NNW	635	20 S4	Data unver.(Middleb'g)
Vaughan(Johnstown)	1 E;hwy W	760	18 S1	Ltd 80 oct.Trees W.
(A) Wallkill,U.S. Mil.Acad.#2 (A)	3 NW;riv E	340	35h	CLOSED
Wappingers Falls	0.9 SE;rd S	152	21 S4	80 oct.P-line E,W,S.
→ [Warren Co.](Glens Falls)	2.4 NNE;rd N	325	40h R1 L5 S1	80,91 oct.
Warwick-Wickham	4.5 NE;RR W	540	24 S4	80 oct.Ridge N.
WESTCHESTER CO. Tower	260		C	(4)
(P) Westchester Co. (White Plains)	4 NE;lake W	435	50h R1 L5 S6	80,91 oct.days,
White(Bedford)(NC)	3.6 SE;hwy E	475	12	
Wingdale	1.5 NE;RR W	400	25 S4	80 oct.No sto.ROUGH.
Wurtsboro	2 NE;RR E,SE	560	31 S6	80 oct.Obsts sur fld.

PENNSYLVANIA

Matamoras	0.5 SSE;riv SE	450	18h L4 S6	80 oct.No bcn.Lgts prior req.

VERMONT

Bennington	2.5 WNW	830	13 S1	80 oct.470' hill WNW.
Equinox(Manchester)	1 E;riv E,N	700	18 S6	80 oct.P-line,mtn E.
Fair Haven	1.5 N	370	20 S2	80 oct.Hills sur fld.
Hartness(Springfield)	3.8 NNW;riv E	570	20 S6	80 oct.
Rutland	5.8 SSE;hwy W	784	40h L3 S4	80 oct.No sto.All lgts
Twin State (White River Junction)	1 SW; riv, RR E	540	19h S6	80 oct. prior req. Hill NW.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WESTOVER (A) (L6)	109.9	333.8	239°	IM- (0.49)	MM- ····· (0.79)	OM- -- (3.38)
					MMK-	OMK-
WESTOVER (A) (L6)	109.5	332.6	59°	IM- (0.02)	MM- ····· (0.72)	OM- -- (4.42)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Island (Shelton,Conn.)	0.3 E;riv E,W		19 S4	80 oct.No sto.Data unver.
Duanesburg, (N.Y.)	0.3 S;hwy W,N	700	22	Sto.
→ Westchester (Armonk,N.Y.)	0.5 SSE	380	23 S6	80,91 oct.
QUABBIN (Army) FM (Mass)		59°,8.5	FM	Westover
QUABBIN (Army) H Fac (Mass)	317 (D)	59°,8.5	FMH	Oper cont.
BRIDGEPORT Range (Conn)	221(WQ)	231°,4		

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

*◊ Army A.C.S. transmits on and guards 116.1, 137.80, 140.58 mcs * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page iv)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

ALBANY 51

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS

Ⓓ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 8 QUADRANTS.

PRESQUE ISLE 18
TICONDEROGA
BURLINGTON
On request
GLENS FALLS 206 (116.1)
FAIR HAVEN
LEBANON (W) 209
TWIN STATE
NORTHFIELD
MONTPELIER
BLUE 4
RUTLAND
PISECO
D A
BLUE 18
WARREN CO
GLENS FALLS
HUDSON FALLS
LEBANON
BLUE 40
NEW PORT
HARTNESS
CLAREMONT
SACANDAGA PARK
CORINTH
MOREAU
PLATEAU
STEENBURGH
GLOVE CITY
AMSTERDAM
BALLSTON SPA
SARATOGA SPRINGS
EQUINOX
N Y / VT.
VT. / N H.
TO CONCORD
BOSTON 53
GREEN 2
VAUGHAN
LONG MEADOW
HAYDUK
FULCO
SCHENECTADY CO
SCHUYLERVILLE
FORT PLAIN
LAURIESVILLE
KEENE
DILLANT-HOPKINS
STONE ARABIA
ALBANY 365 (116.1)
BENNINGTON
SKY HAVEN
STEVENS
BRATTLEBORO-HINSDALE
BRIGGS
COOPERSTOWN
INTERCITY
COLONIE
TROY
RED 11
VT. N. H. MASS.
GARDNER
ALBANY 278 KC 118.3 MC
FAIR VIEW FARM
ADAMS
DUANESBURG
VALLEY AIRPK.
EAST GREENBUSH
SELKIRK
RAVENA
TURNERS FALLS
ORANGE
WESTOVER AAF 272
QUABBIN (W) 317
PITTSFIELD
FARLY'S
PILGRIM
HILLER
LaFLEUR
QUABBIN
WESTOVER AAF 396 (126.18)
E. BROOKFIELD
SYRACUSE 49
BLUE 18
N.Y. MASS
GREAT BARRINGTON
BARNES
METROPOLITAN
BROOKFIELD
SOUTHBRIDGE
HALCOTT
MARGARETVILLE
FLEISCHMANNS
CATSKILL VALLEY
WESTFIELD 230 (116.1)
SPRINGFIELD
W SPRINGFIELD
KINGSTON-ULSTER
COZINE
CONN
CANAAN
BRADLEY 284 KC 126.18 MC
BOWLES
KINSLEY
BLUE 41
MILLERTON
WALLKILL NO 2
KINGSTON
AGAWAM
WOODSTOCK
ARLINGTON
LIVINGSTON MANOR
BOSTON-NEW YORK
CLIFF HAVEN
AERO LAKE
SIMSBURY
SOUTHINGTON
WEATOGUE
RENTSCHLER 254 (126.18)
NEW HACKENSACK
NEWBURGH-WALDEN
NEW PALTZ
FREEDOM PLAINS
STEPHENSON
STEWART AAF (W) 335
WAPPINGERS FALLS
WINGDALE
RED 13
LIME RIDGE
WATERBURY
HARTFORD 329 (116.1)
WINDHAM
MONTICELLO
MONTGOMERY
WURTSBORO
STANTON'S
STORMVILLE
WATERTOWN
MERIDEN 18
BRAINARD 278 KC 118.5 MC
SALEM
MONTGOMERY NO 1
NEW HACKENSACK 236 (116.1)
BETHANY
BROOKFIELD
LUFBERY
MERIDEN 278
STARHAVEN
HUGUENOT
RANDALL'S
DANBURY
AMBER 7
TIER
WATERFORD
MATAMORAS
STEWART AAF 396 (126.18)
MAHOPAC
MONROE
DOANE
GROTON TRUMBULL
RED 23
RED 33
SOMERS
ISLAND
HAMMONASSET
SUSSEX
WARWICK-WICKHAM
CROTON
NEW HAVEN
WEST HAVEN
TO WILKES-BARRE
TO ELMIRA
TO LAKE CAREY
BLUE 41
ELIZABETH AAF
WESTCHESTER
LA GUARDIA 209
MILFORD
BRANCHVILLE
N.Y. N.J.
CHRISTIE
SPRING VALLEY
BRIDGEPORT (W) 221
BRIDGEPORT 269 KC 118.7 MC
GREEN 5
NY 3 DA
ALLENTOWN 320
LA GUARDIA 209
MILLER
NEWARK 341
PORT CHESTER
NEW YORK 67
MITCHELL AAF 227
MATTITUCK
EAST HAMPTON
WESTCHESTER CO 260 KC
SUFFOLK CO

RADIO

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS. OF OPER., REMARKS
BRUNSWICK NAS			DECOMMISSIONED
PORTLAND	206(PW)(116.1)	BMRLZ-DTV,149°, 2.2	(4); 116.1
YARMOUTH FM (Navy)			DECOMMISSIONED

MASSACHUSETTS

BEDFORD (Army)	522 (DBH)	MH	Operates cont.
Bedford AAF	212026,18137,88	CA	(3);126.18,137.88
BOSTON (Logan)	263(BW)(116.1)	SBRAZ-DTV	(3) ; 116.1
BRANT ROCK FM (Navy)	(- -)	FM, 141°, 20.2	Squantum NAS
EASTON FM (NAVY)	(- - -)	FM, 218°, 17.7	Squantum NAS
EVERETT LFM	(- - - -)	LFM, 298°, 4.2	Boston
FRANKLIN FM	(. . - - -)	FM, 238°, 28.7	Boston
LOGAN (Boston)	278 (118.7 126.18,118 7	AC ;238°.1.4	(4), 122.5,126.18, 118 1. 118 7
PEABODY FM	(-)	FM, 31°, 9	Boston
SOUTH BOSTON LFM	(- - -)	LFM, 238°,4.7	Boston
SOUTH WEYMOUTH (Navy)			DECOMMISSIONED
South Weymouth NAF	3295 (142.74)	CN	(3),142.74,(8-1630,Mon-Fri.)
SQUANTUM (Navy)	472(NZW)	BMRLZ	(3):142.74 flt opers.
Squantum NAS	323(142.74)	CN(GCA);321°,3.7	3105,4495;142.74(8-30 min before sunset)

NEW HAMPSHIRE

BOSCAWEN FM	(- - - -)	FM, 332°,14.2	Concord
CONCORD	251 (CN)(116.1)	BMRLZ-DTV 332°,1.9	(4),116.1
GRENIER(Manchester) (Army)	338(DUR)	SBMRAZ	(3)
Grenier Field	278(126.18)	CA(ILS),352 °.0.4	(3):126.18

RHODE ISLAND

CHARLESTOWN NAAS	269(142.74)	CN	3105;142.74 (0700-1800)
GREENE(Providence)	278 (118.9)	AC	(4); 118.9,122.5
PROVIDENCE (Greene)	347(PR)(116.1)	BMRLZ-DTV; 47°, 3.2	(3):116.1
QUONSET POINT (Providence) (Navy)	356 (NCO)	BMRLZ;339°,2.2	3105;142.74
Quonset Point NAS (Providence)	227(142.74) (126.18)	CN(GCA)	(3);142.74,140.58, 126.18

NEW RADIO FACILITIES

DEDHAM,Mass.FM	. . - - -	FM;238°,14.4	Boston
MOOSUP, Conn.FM	(- - - -)	FM,286°, 18.6	Providence

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRENIER (A)	109.5	332.6	352°	IM- (0.03)	MM- ·····(0.71)	OM- (5 00)
					MMH- 201	OMH- 219
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Foster(Stonington)	1 NE,RR S	5	18 S4	80 oct. Lgt acft only
Plainfield	1.5 SSW,RR E	160	21 L S6	80 oct Port rnwy lgts.
* Putnam Int, 14,LG-BW	1.7 WSW;riv E	460	22 L3	Pole line N;poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv); NC-(not charted). → NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Biddeford	2 SSW;RR NW	110	22 S2	80 oct. Pole line SE.
Brunswick NAS	1.5 SE;RR N	77	60h	91,100 oct.
Douglas (Brunswick)	3.5 W;RR SE	170	15	
Hilltop (West Buxton)	0.8 WSW;RR S	300	22 S4	80 oct. Poleline ESE.
→ Kennebunk	1.6 S..	50	16 S1	80 oct.
Merrymeeting(Bowdoinham)	1 SSE;riv E	60	18 S1	80 oct. Trees N,S.
PORTLAND	2 W,riv E	60	43h R1 L5 S6	80,91 oct.
Port of Maine (South Portland)	1.8 SSW,RR E	40	28 S6	80 oct.Rnwy data unverified.
Riverside Airpark (Brunswick)	1 WNW,RR S	60	18 S4	80 oct. No sto. Trees NNW
(P)Sanford	4 SE,hwy N	243	60h L5 S6	80,91 oct.
Scarboro	2 W,RR SSE	20	25 S2	80 oct.
→ Stover (Freeport)	3.5 NNW	180	11 S1	80 oct.

MASSACHUSETTS

Ames (Brockton)	3 WSW,RR W	120	20 S6	73 oct. RR S.
Auburn	2 SW,RR W,E	700	15 S1	80 oct. Lgt acft only.
(A)Bedford AAF (A)	1 S	128	50hR2 L5S6	73,100 oct;JP-1.
CG) Beverly	3 NW,lake E	108	50h L5 S1	80,91 oct.
Bolton (Clinton)	2.3 NE,RR W	400	17 S6	80 oct. Trees around fld. RR S.
→ Boston-Metropolitan (Canton)	1 W,riv W	50	21 S6	80 oct.Trees NW.
Brockton	2 S,hwy E	128	22 S6	80 oct.Poles E.W.Rnwy data unver.
Cape Cod (West Barnstable)	2.1 SW, lake SW	100	25 S2	80 oct.
→ Country Club(Wareham) (NC)	1.3 E,riv S	25	17 S4	80 oct.P-line,trees N
→ Chatham	1.7 WNW,lk E	66	14 S4	80 oct.P-line NW.
Eastham	1.2 NW;hwy E	50	20 S4	80 oct,FEE,Rnwy data
Edgartown	2 S,rds E,NW	20	30 S4	80 oct. unver.Smudge pots prior P-line E. req.
Falmouth (NC)	2.5 NE	40	18 S4	80 oct Data unver
Fitchburg	2.5 SE,bet RRs	334	45h S6	80 oct Knolls,dike S.
(A)Fort Devens AAF(A) (Ayer)	See Ayer, Mass under "New Arpts" - name changed			
Franklin-Norfolk (Norfolk)	2.5 WNW RR SSE,NW	140	20 S6	80 oct.Pole line S
Grafton (No Grafton)	0.7 SSW,riv N	450	30 S6	80 oct. Wooded hill S
Groton	4.6 WNW,RR W	280	28 S6	80 oct
Haverhill	2 NNE,lake S	125	17 S6	80 oct Stack S;pole line NW
→ HYANNIS	1.2 N,RR E	56	39h L5 S6	80,91 oct. Lgts prior req
→ King (Taunton)	4.5 ESE,RR N	45	26 S6	80 oct.P-line NNE.
(P)LAWRENCE	2.5 ENE,lake E	155	40h L5 S6	91 oct days.P-line SSE.
Leicester	2 N	1140	15h S4	80 oct. Reservoir SE
(A)LOGAN (Boston)	1.5 E in harb	12	70h R2(L5)S6	80,91,100 oct. Rdo rqrd FEE ARMY TMP INACT CIVIL FACS
Mansfield	2 SSE,RR NE	124	25 S2	80 oct Pole line NWNE
Marlboro	2.4 E,RR WSW	265	15 S4	80 oct.Ridge SSE,NNW
(N) MARTHA'S VINEYD. (Vineyard Haven)	4.3 S,rd S	68	38h L5 S2	80,91 oct.Lgts prior req Obsts SE side TMP
Mendon	0.3 S,lake W	450	18 S4	80 oct. No sto P-line N,NW INACT NO NAVY FACS
Myricks	0.8 N,RR SW	65	20 S4	80 oct. Pole line S
NANTUCKET	2.6 SE,rd N	47	40h L S6	80,91 oct.Port lgts.
(P)New Bedford	2.5 NNW,RR W	78	50h L5 S2	No fuel.
North Shore(Essex)	Adj NW	20	15 S1	
Norwood	1.8 E,riv E	55	40h L5 S1	80,91 oct.
→ Oak Bluffs	0.8 SW,rd W	20	30	Avail emerg only.
(N)Otis OLF(Falmouth)	9 NNE	126	70h	INACTIVE (N)
Plum Island (Newburyport)	2.3 SE,riv N	15	25 L1 S6	80 oct. Pole line E.
Plymouth	SSE	149	25	Data unverified.
Providence (Seekonk)	2.1 ESE,rd NE	25	17 S4	80 oct. Pole line NNE
Revere	1 N	20	21h L S6	80,91 oct. Port lgts,fee Data unverified.

MASSACHUSETTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Richardson (Dracut)	2 NNW Lowell	115	15 S4	Data unver
Shawsheen Pines (Billerica)	2.7 E,RR NE	110	24h S6	80, 91 oct.Ltd sto.Rnwy data unver.Trees NE,E,SE
Sherman Memorial (Mansfield)	See Clifford Sherman Memor'l under "New Arpts"- name changed.			
(N)South Weymouth NAF	1.5 SSE,RR W	152	45 R1 L5 S4	100 oct. B-2 lgts.
→ Spencer (N)	3.5 NNE	1040	17 S6	80 oct.
(N)Squantum NAS (N)	0.8 W,bay N.	10	41h R2 S4	91,100 oct. No sto. No ngt flying.
→ Westboro	1.9 WNW,hwy N	310	13 S6	80 oct.
Wilkins (No.Attleboro)	2 NE,lake NW	200	18 S6	80 oct.Poleline ESE
WORCESTER	3.5 W,RR SE	1009	55h	

NEW HAMPSHIRE

Boire (Nashua)	2.8 WNW,RR N	185	20h L3 S6	80,91 oct.Lgts prior req P-line S
CONCORD	1.5 E,riv W	346	40h R1 L5 S6	80,91 oct
Daniel Webster(Nashua)	3.5 NW,riv E	192	25 S6	80,91 oct. Data unverified
Gate City (Nashua)	4 S		20 S4	80 oct. Data unver
(A)Grenier (Manchester)	4 S,RR E	230	70h R3 L5 S6	73,91,100 oct. (A)
Hampton	1.6 N,RR W	80	20 S5	80 oct. No sto.Trees N,S.
Hooksett Land & Seaplane	2 S,RR E	187	20 S6	80 oct. No sto.
Laconia	3.8 NNE;RR S	536	35h L5 S6	73,80,91 oct. Fld lgts prior req.
Lakes Region (Wolfeboro)	2.6 W,RR E	580	14	CLOSED
Merrimack Bay(Concord)	5 NNW,RR W	260	15 S2	80 oct.Poleline S.
Plymouth Mun.Arpk	3.5 WNW,RR N	506	18 S2	Ltd 80 oct.Poleline N
(P)Portsmouth	3 W,bay W	94	50h L5 S6	80,91 oct.
Wayside(Sommersworth)	2.4 W,RR N	200	15 S2	80 oct.Trees SSE.

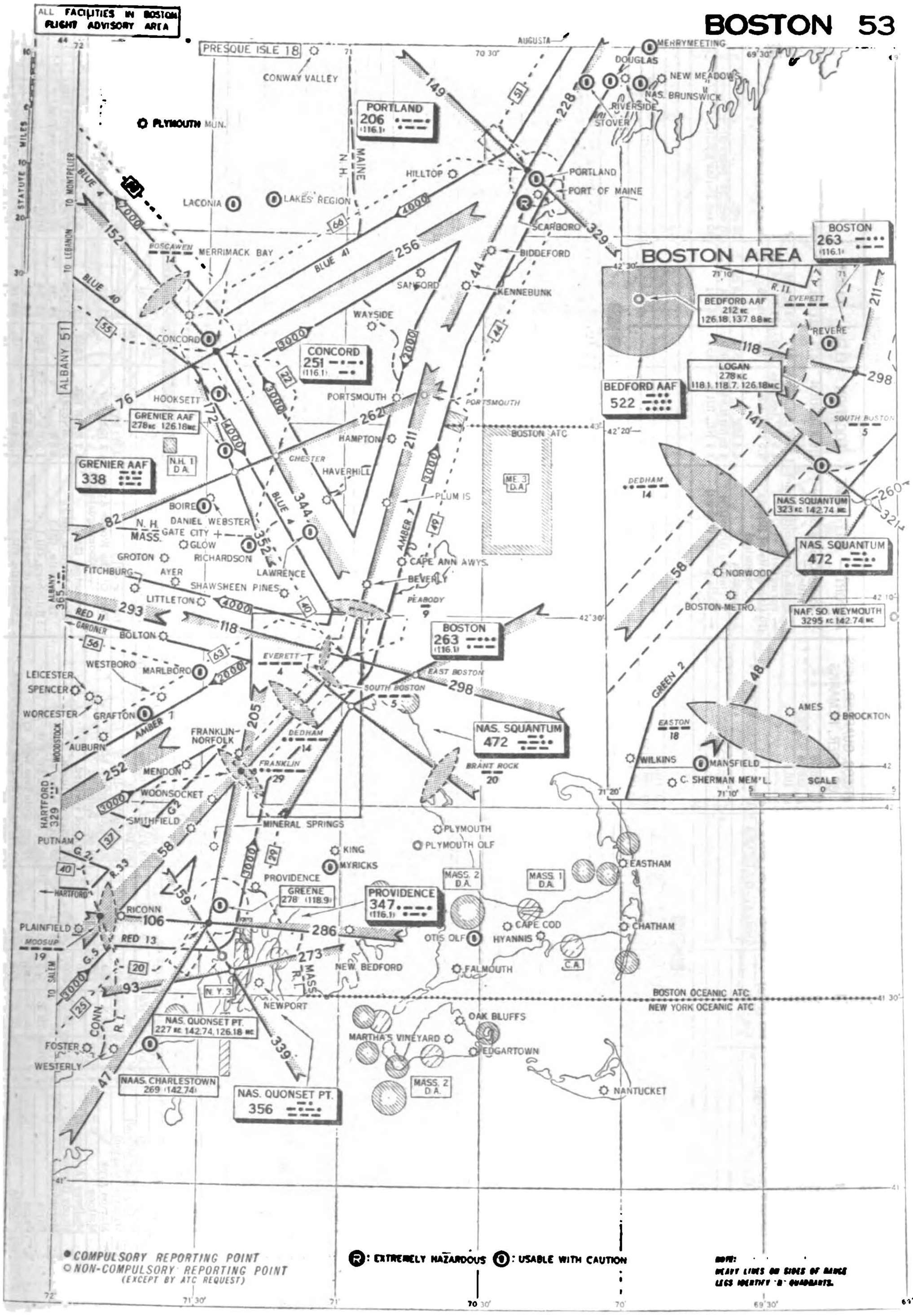
[redacted]

(N)Charlestown NAAS(N)	1.9 SW,hwy N	32	58h R1 (L5) S1	91,100 oct. No bcn.
GREENE(Providence)	7 S,RR W	53	41h R2 L5 S6	80,91 oct.
Newport Arpk	3.5 NNE	145	25 S4	80,91 oct,E rg lgts only.
Mineral Springs (Providence)	4.6 NW,hwy E	240	11 S4	73 oct.No sto.Trees surround field
(N) Quonset Point NAS (Providence) (N)	16.5 S	14	60h R2 L5 S6	91,100 oct. NATS
Riconn (Greene)	1.8 WNW,RR S	390	15 S4	80 oct.
Smithfield	1 NE,RR W	400	17 S6	80 oct. Flares on req.
Westerly	2.4 SSE	81	40h	Riv. E.
Woonsocket	2.5 E;riv WSW	400	20 S2	80 oct.

NEW AIRPORTS

(N)Plymouth, Mass.OLF (N)	4.5 SW	140	28	
(A) Ayer, (Mass.)	1.5 NW;riv W	268	52h	
Conway Valley (Conway,N.H.)	0.3 NW;RR E,S	460	20 S4	80 oct.Trees NNE,SSW Data unver.
Clifford Sherman Memor'l (Mansfield,Mass)	3 SSW;RR W	130	17 S1	73 oct.Trees [redacted] fld.

BOSTON 53


ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
PRESQUE ISLE 18
CONWAY VALLEY
PLYMOUTH MUN.
PORTLAND 206 (116.1)
AUGUSTA
MERRYMEETING
DOUGLAS
NEW MEADOWS
NAS. BRUNSWICK
RIVERSIDE
STOVER
PORTLAND
PORT OF MAINE
HILLTOP
LACONIA
LAKES REGION
SCARBORO
BIDDEFORD
KENNEBUNK
SANFORD
WAYSIDE
CONCORD
CONCORD 251 (116.1)
BOSCAWEN
MERRIMACK BAY
BOSTON 263 (116.1)
BOSTON AREA
BEDFORD AAF 212 KC 126.18 137.8 MC
EVERETT
REVERE
LOGAN 278 KC 118.1 118.7 126.18 MC
BEDFORD AAF 522
SOUTH BOSTON
HOOKSETT
PORTSMOUTH
GRENIER AAF 278 KC 126.18 MC
GRENIER AAF 338
N.H. 1 D.A.
HAMPTON
BOSTON ATC
CHESTER
HAVERHILL
ME. 3 D.A.
PLUM IS
DEDHAM
NAS. SQUANTUM 323 KC 142.74 MC
BOIRE
DANIEL WEBSTER
N. H. MASS.
GATE CITY
GLOW
RICHARDSON
CAPE ANN AWYS.
BEVERLY
PEABODY
GROTON
AYER
FITCHBURG
LAWRENCE
SHAWSHEEN PINES
LITTLETON
NORWOOD
NAS. SQUANTUM 472
BOSTON-METRO.
NAF. SO. WEYMOUTH 3295 KC 142.74 MC
BOLTON
WESTBORO
MARLBORO
EVERETT
EAST BOSTON
SOUTH BOSTON
LEICESTER
SPENCER
WORCESTER
GRAFTON
AUBURN
FRANKLIN-NORFOLK
DEDHAM
NAS. SQUANTUM 472
BRANT ROCK
FRANKLIN
MENDON
WOONSOCKET
SMITHFIELD
MINERAL SPRINGS
PLYMOUTH
PLYMOUTH OLF
AMES
BROCKTON
EASTON
WILKINS
MANSFIELD
C. SHERMAN MEM'L.
SCALE
PUTNAM
KING
MYRICKS
EASTHAM
PROVIDENCE
GREENE 278 (118.9)
PROVIDENCE 347 (116.1)
MASS. 2 D.A.
MASS. 1 D.A.
RICONN 106
PLAINFIELD
MOOSUP
CAPE COD
CHATHAM
OTIS OLF
HYANNIS
C.A.
NEW BEDFORD
FALMOUTH
N.Y. 3
NEWPORT
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
OAK BLUFFS
MARTHA'S VINEYARD
EDGARTOWN
FOSTER
WESTERLY
NAAS. CHARLESTOWN 269 (142.74)
NAS. QUONSET PT. 227 KC 142.74, 126.18 MC
NAS. QUONSET PT. 356
MASS. 2 D.A.
NANTUCKET
TO MONTPELIER
TO LEBANON
ALBANY 51
ALBANY 365
HARTFORD 329
TO SALEM
STATUTE MILES
BLUE 4
BLUE 41
BLUE 40
AMBER 1
AMBER 7
RED 11
RED 13
G 2
G 5
R 33
CONN. R.I.
MASS. R.I.
GREEN 2
149
228
329
256
152
118
293
365
205
252
262
211
344
352
82
76
172
58
159
286
273
339
93
47
298
141
260
321
118
48
211
298
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "R" QUADRANTS.
72°
71°30'
71°
70°30'
70°
69°30'
69°
42°30'
42°20'
42°10'
42°
41°30'
41°

TERRE HAUTE

RADIO

ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE (Rantoul)(Army)	365 (DNU)	SBMRAZ	(3), 126.18
Chanute Field	396 (126.18)+	CA, 43°, 3.3	(3), 126.18
EFFINGHAM	275 (EF)(116.1)	BMRLZ-DTV,341°,0-Intermediate	(4), 116.1
SCOTT (Belleville)(Army)	263 (DCD)	SBMRAPZ-DT,49°,2.2	(4)
SPRINGFIELD	239 (ZD)	SBMRAZ-DT,113°,2.3	(4)
EVANSVILLE	233 (EV)(116.1)	SBRAZ-DTV	(3);116.1
Evansville Airport (old)	278 (118.5)	C, 177°, 5.7	(4).118.5,122.5
TERRE HAUTE	248 (TH)(116.1)	BMRLZ-DTV; 69°, 5.8 (Hulman)	(4): 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Arcola)	2 W,RR N,E	665	20 S6	80 oct.Pole line N, E.
→ B & K (Fairfield)	1.4 WSW,RR S	500	26 S5	80 oct. Pole line S.
→ Beckerman (Mt.Carmel)	4 W,RR S	424	23 S2	80 oct. Pole line N. Sto.
(P) Bloomington	3 E, hwy N	875	33 L1 S6	80,91 oct. Pole line N, NW.Obst lgtd.
Carbondale	0.1 E,lake 2 E	450	20 S4	80 oct. No sto.
↘ Champaign	2 NNW;hwy SW	753	28 S6	73,80 oct.W,NW,S blocked.
(A) Chanute (Rantoul)(A)	1 SE,RR W	738	63h R2 L5 S6	73,91,100 oct. JP-1.Pole N.
Charleston	1.3 SW;RR NW	690	26 S6	80,91 oct.Flares on req.P-line N,E,W.
→ Clinton Flying Club	4.8 NE	720	13	
Cooper (Tuscola)	1.6 SW,RR E	650	24 S2	80 oct.Poles NW, SE, NE, E
Danville	2.4 SSW,hwy W	640	33 S6	80,91 oct.N blocked.P-line NE,E.
↘ Decatur	4 NW	678	29 S6	80,91 oct.P-line S,SW,W,NW. Hedge SW.
(P) Decatur Park	4 E,RR,hwy S	679	53h L5 S6	80,91 oct. No flood lgts.
Denis (Muddy)	Adj E	400	27 S1	80 oct.Data unverified.
(P) Du Quoin	1.8 W,hwy S			ABANDONED
↗ Effingham Co. Memorial	3.6 S,hwy W	585	30 S6	80 oct.
* Effingham Int,10,L3-11	2.5 N,RR E	608	26 R1 L3 S1	73 oct. on req.
Flora	0.8 SW;RR N	490	35 S6	80 oct.P-line N,W.
(A) George (Lawrenceville)(A)	4.5 NE,RR S	428	52h	CLOSED
Illini (Urbana)	2 NNE;hwy E	740	25 S6	P-line SW. 80 oct.Flares on req.E,SE blkd.
(P) Leckrone (Salem)	1.9 NW;lake NW	545	39 S6	80,91 oct.Flares on req.Derrick NW
McCoy (Blue Mound)	5 W	660	16 S2	No fuel.
→ Macarin (Marion)	4.6 WNW,hwy W	470	35 S6	80, 91 oct. P-line S
→ Marion Arpk	1.8 ESE,RR S	430	29 S6	80oct.All appchs blkd.
Mattoon	4 E,RR N	720	23 S6	80 oct. Poles W.
Medbery (Armington)	1 NE	650	26	Data not verified.
Moody (Dalton City)	2.2 S,hwy W	680	19 S6	80 oct. Pole line N
Murphysboro	3 N,riv SE		20 S1	80 oct. Data not verified.
Paris	3.5 NNW;RR E	740	30 S1	80,91 oct.Poles SW,S,W.
↘ → Pekin	4 S,bet RRs	505	29 S6	80 oct. Pole line W,N, E.
(P) PEORIA	4.8 WSW,rd E	659	44h R1 L5 S6	80,91 oct.No flood or boundary lgts.
(A) Presbyterian Church No. 3 (St. Francisville)	4 WNW,hwy E	430	45h	CLOSED (A)
Russell's (Hoopeston)	6.5 WNW,RR S		13	PRIVATE. Data not verified.

h-hard surfaced [illegible] R-radio facilities. L-lighting facilities. S-servicing.(See page 19) (NC)-Not charted. → NEW OR REVISED DATA

ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Shelby County (Shelbyville)	1.9 ESE,RR N	677	21 S6	80 oct.
Smith Aviation (St.Elmo)	1.3 SW;RR,hwy N	647	32 L1 S6	80 oct.Bcn twr NE,poles N.
→ Springfield	3.5 SW,bet RRs	606	31 R1 L4 S6	80,91 oct.Use strips only. Lgts prior req.
(P) University of Illinois (Champaign)	5.5 SSW,RR E	752	53h S6	80,91 oct.Flares on req.
Vandalia	4.4 NW	532	39h L3 S6	80 oct.
Vermilion (Danville)	4 E:RR N,SW	650	21 S4	80 oct. 30' poles S.
→ White County (Carmi)	1.1 NE, RR S	450	28 S1	80 oct.P-line S,SSE.
Attica	2 S;hwy W	647	26 S1	80 oct. Data unverified
Cork (West Lebanon)	4 W		24 S1	80 oct. Obsts NE. Data unverif.
(A) Emison (Oaktown) (A)	3.6 WSW	425	45h	CLOSED
EVANSVILLE	4.5 NNE;bet RRs	383	60h R2 L5 S6	80, 91 oct. Twr W. Fld lgts on req.
Ferguson (Richland)	0.5 SE		13	Data unverified No flood lgts.
Highland (Perrysville)	2.8 WNW;riv 3 E	585	23 S2	Ltd 73 oct.
(P)HULMAN (Terre Haute)	5 ESE;hwy N	585	53h R1 L5 S4	80,91 oct.No sto.Fld lgts prior req.
Jordan (Bloomingdale)	See Port O'The Woods Arpk under "New Arpts" - name changed..			
Kingman Flying Service (Kingman)	0.5 E,hwy N	710	26 S4	80 oct. No sto.Data unver.
Linton	3.3 E, RR S	500	19 S4	Ltd 80 oct. N,NE blocked.
Mount Vernon	1 E;bet hwy,riv	390	26 S1	80,91 oct.Data unverified.
→ O'Neal (Vincennes)	1.5 WNW,RR NE	415	33 S6	80 oct.P-line NE,trees N
Paul S. Cox (Terre Haute)	3.2 S;hwy W	485	27 S4	80, 91 oct. P-line NE,SW
Straub (Cynthiana)	0.5 NW		13	Data unverified
Washington Mun.	4 N		30 S4	80 oct. Data unverified.
Washington	3 W		21	Data unverified

KENTUCKY

Madisonville	6 ENE; hwy SE	420	24 S4	80 oct. No sto. Use strips only.
Owensboro	2.5 ENE;RR NW	484	29 S6	80 oct.
Sturgis AAF (A)	1.5 ESE,hwy SW	371	50h	CLOSED

MISSOURI

Chester (McBride)	3.8 NW,riv N	372	20h	Allway: 5388 x 4695'.

NEW AIRPORTS

Midway Aviation(Horace,Ill.)	1 E,RR W	650	26 S2	80 oct.Poles,bldgs,trees E,N.
Henderson,Ky.	6 SW,riv N		23 S1	80 oct.Data unver.
Morton (Ill.)	3 W; hwy N		18 S4	80,91 oct. Data unver.
Port O' The Woods Arpk (Bloomingdale,Ind.)	4.2 N;hwy W		33 S2	80 oct.Use NE/SW strip.Data unver.
Princeton, (Ind.)	0.7 E;RR NE	502	23 S2	80 oct. Data unver.
→ Mount Vernon, (Ill.)	2.5 ENE;RR S	465	27 L S6	80,91 oct. Temp port lgts.
Taylorville, (Ill.)	1 SW		26 S6	80 oct.Data unverified.
Hillsboro, (Ill.)	1 NE	630	25 S4	Data unverified.
Schilt (Olney,Ill.)	1.5 E;RR S		30 S1	80 oct.Data unverified.
Nashville, (Ill.)	1 E;lake W		20 S1	80 oct. Data unverified.
Casey, (Ill.)	1 NW	645	26 S4	80,91 oct.Data unverified.
Midway Aviation(Horace,Ill.)	1 E;RR W	650		80 oct.Poles,bldgs,trees E,N.

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓓ : USABLE WITH CAUTION

TERRE HAUTE 55

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "A" QUADRANTS.

R-55

PEORIA
MORTON
PEKIN
BLOOMINGTON
CHICAGO 41
TO JOLIET
RUSSELL'S
CHANUTE AAF 365
CHANUTE AAF 396 (126.18)
CHICAGO CINCINNATI
ATTICA
LAFAYETTE
CORK
STATUTE MILES
MEDBERY
CLINTON
ILLINI
CHAMPAIGN
DANVILLE
VERMILION
HIGHLAND
UNIV. OF ILLINOIS
CHICAGO ST. LOUIS
DECATUR
SPRINGFIELD 239
DECATUR PARK
COOPER
KINGMAN
PORT O' THE WOODS
ILL IND
MC COY
MOODY
ALLEN
MIDWAY AVIATION
PARIS
TERRE HAUTE 248 (116.1)
SPRINGFIELD
TAYLORVILLE
MATTOON
CHARLESTON
HULMAN
PAUL S. COX
TO JERSEYVILLE
TO INDIANAPOLIS
SHELBY CO.
EFFINGHAM 275 (116.1)
CASEY
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 35
EFFINGHAM
HILLSBORO
EFFINGHAM CO.
LINTON
INDIANAPOLIS 57
WOOD RIVER
ST. LOUIS 209
SMITH AVIATION
VANDALIA MUN.
ST. LOUIS CINCINNATI
EMISON
WASHINGTON MUN.
WASHINGTON
JAMESTOWN
SCHILT
GEORGE AAF
O'NEAL
FLORA
LECKRONE
PRESBYTERIAN NO-3
B AND K FLY. SER.
BECKERMAN
PRINCETON
STRAUB
EVANSVILLE 233 (116.1)
SCOTT AAF 263
MT. VERNON
NASHVILLE
WHITE CO.
RED 11
TO LANESVILLE
LITTLE ROCK 85
ST. LOUIS 37
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
MARION
DENIS
ILL MO.
EVANSVILLE 278 (118.5)
HENDERSON
OWENSBORO
IND KY.
FERGUSON
MADISONVILLE
STURGIS AAF
ST. LOUIS MEMPHIS
MEMPHIS 87

RADIO — INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ADVANCE FM	(- - - -)	FM, 330°, 24	Indianapolis
CEDAR GROVE FM	(- - - -)	FM, 297°, 35	Cincinnati, Ohio
CLAYTON FM	(- - -)	FM, 250°, 11.2	Indianapolis
GREENCASTLE FM	(. . - - -)	FM, 250°, 27	Indianapolis
GREENFIELD FM	(-)	FM, 82°, 31	Indianapolis
INDIANAPOLIS	266 (ID)(116.1)	SBRAZ-DTV	(3) 116.1
Indianapolis Airport	278(126.18,118.7)	AC (ILS); 82°,3.2	(4); 122.5, 126.18,
LAFAYETTE (Purdue University)	227(LF)(116.1)	BMRL-DTV;50°,2.4	(4).116.1 118.7
MORGANTOWN FM	(- -)	FM; 177°, 22	Indianapolis
STOUT (Indianapolis)	396	CA	4495 (9-18)
KENTUCKY			
BOWMAN FIELD (Louisville)	278(126.18) (118.3)	AC; 269°,1.4	(4);122.5,126.18, 118.3
EASTWOOD FM	(- -)	FM; 89°, 9.4	Louisville
GODMAN (Ft. Knox)(Army)	227 (DKX)	BMRLZ	
Godman Field	272(126.18)	CA; 172°,3.1	(3);126.18 (6-24)
➔LEXINGTON	108.3 (LM)	VARW	
LOUISVILLE (Bowman)	359 (LV)	SBMRLZ-DTX	(3)
SHEPHERDSVILLE FM	(- - -)	FM; 190°,18	Louisville
SULPHUR FM	(. . - - -)	FM; 227°,70	Cincinnati, Ohio
UNION FM	(- - -)	FM; 227°,24	Cincinnati, Ohio
GREATER CINCINNATI (Covington)	221(118.9) (126.18)	AC (ILS)	(4);118.9,122.5,126.18 Call Kenton twr.
OHIO			
➔CINCINNATI (Lunken)	335(CC)(vhf)	SBRAZ-DTV	(3);116.1,122.1,DTV lctd at Gr. Cincin.
DAYTON	245(DY)(116.1)	SBMLZ-DTV;90°,3.2	(3); 116.1 Arpt
Dayton Airport	278 (126.18, 118.9)	AC(ILS-W)	(4); 122.5,126.18, 118.9
FAIRFIELD FM (Army)	(- - -)	FM, 196°,9.3	Patterson
LOVELAND FM	(-)	FM, 44°, 8.8	Cincinnati
LUNKEN (Cincinnati)	227(118.7)	AC-227°, 5.2	(4);118.7,122.5
PATTERSON (Fairfield) (Army)	379 (DPK) (137,88)	SBMRAZ-DTV ;32°,2,96	(4);137.88
➔ Patterson Field	396 (126.18)+	CA(ILS-W) ➡:43,03	(4); 126.18
VERONA FM	(- - - -)	FM,270°,9.9	Dayton
WRIGHT (Dayton)	260 (126.1)	CA	3105,4495;126.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
DAYTON	110.3	335	55°	IM- ·····(0.05)	MM-	OM- - -(4.4)
					MMK-	OMK-
GRTR. CINCINNATI	109.9	333.8	360°	IM-	MM- ·-·-(0.6)	OM- - -(4.3)
					MMH 206 ····	OMH 215 ····
INDIANAPOLIS (L6)	109.9	333.8	44°	IM	MM- ·-·-(0.89)	OM- - -(4.3)
					MMH 201 ·-··	OMH 219 ··
PATTERSON (A)	108.7	333.8	210°	IM- (0.09)	MM- ·····(1.12)	OM- - -(4.5)
					MMK-	OMK-

➔A.C.S.: Scheduled broadcast on 4765 kcs (first figure in scheduled time, second alternate time)
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.58, 140.58 mcs.

AIRPORTS — INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
➔ Ace (Anderson)	3.5 S;RR E	875	33 L S6	80 oct. Port lgts prior req.
Anderson	3.5 SE;RR W	875	27 S6	80 oct. P-line NE.
Aretz (Lafayette)	4 NE	500	35 S6	80 oct. Info. unverified.
(A) Atterbury AAF (Columbus) (A) ➔	3.5 N;RR SE	617	50h	TMP INACT. NO FACS
Bargersville	1 N		20	Info. unverified.
Beck (Zionsville)	5 NE;crk W		14 S2	80 oct. Poleline W. Info. unverified.
(P) Bedford	3.5 SE	682	19 S6	80 oct.
Black Hawk (Sheridan)	5.3 N;hwy E	925	17 S2	80 oct.
(P) Bloomington	5 WSW;RR SE	840	40 L S6	80,91 oct. Port, rnwy lgts Trees N, NE, SW
Boss-Denien (Salem)	3 WNW;RR N		26 S6	80 oct. Poleline S. Data not verified.
Bringham (Portland)	1.5 E;RR E	1020	20	Poles S; 120' tank SW.
Brightwood (Indianapolis)	3.7 NE;rd S		44 S4	80 oct. Data unverfd.
Brownsburg	1.5 SSE;RR N	650	26 S2	80 oct. Poleline S

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted) ➔NEW OR REVISED DATA

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Bunker Hill NAS (N)	1.8 W;RR N	798	50h	INACTIVE
Bush (Jeffersonville)	3 NE		20 S2	80 oct. Inf. unverified.
Bush (Ramsey)	1.5 WSW;hwy N	680	12 S4	73 oct.
Campus (Bloomington)	1.5 ENE,RR S	883	22 S4	80 oct.
(P) Columbus	4.5 SSW	616	45h S4	80 oct. No sto. Stacks NW
Coxey's (Winchester)	1 ESE	1088	16 S6	80 oct. P-line S, SW
Crawfordsville	4.5 SSW;hwys E, W	850	38 S4	80 oct.
East Richmond (Richmond)	3.7 ESE;RR E	1090	20 S6	73 oct.
Elwood	2 S;hwy NW	850	23 S6	80 oct. P-line S.
Farmers (Greenfield)	9 NW		26 S2	73 oct. Info. unverif.
➔Fortville	2.8 E;rd N			ABANDONED
➔Franklin Fly. Field	4 S	745	22 S6	80 oct.
(A) Freeman (Seymour)(A)	2 SW;hwy N	575	55h	CLOSED
French Lick Sprgs. (NC)	1 SE;RR W	500	27h	
G & C (Anderson)	1 N	875	30	Info. unverified.
Greencastle	8 SE		23 S2	80 oct. Info. unver.
(P) Greenfield, Inc.	1.9 ENE,RR S	910	30 S6	80 oct. Poleline S.
Halsmer (Lafayette)	3 ESE;RR S	595	40 L S6	80,91 oct. Port lgts on
Himes (Ladoga)	4 NW		13	Info. unver.
Hoosier-Park (Ind)	4 WNW;hwy N	740	26 S6	80,91 oct. P-line NE, SW
Howell Bros (Rushville)	2 SE;hwy SW	985	13 S4	91 oct. Bldgs SW.
Huffman Air Service (Selma)	0.8 SE; RR N	1000	19 S6	80 oct. Obst sur fld.
(P) Huntingburg 19, LS-LV	3 S;RR E	500	31 L2 S4	80 oct.
(P) INDIANAPOLIS	8 SW;hwy N	796	53h R3(L6)S6	73-100 oct. Exper lgtg.
➔Kokomo, mun.	4.7 NE	827	40h L5 S2	80 oct. P-line N. Lgts prior
Lapel	1 NE		13	Rough. Info. unver. req.
Lawrenceburg	1 SW		22	Info. unver.
Lebanon	1 S;RR N	825	16 S4	80 oct. Trees SW.
Lizton	1 SE		25	Info. unverified.
➔Lockwood (Frankfort)	2.5 S;RR W	873	20 S6	80 oct. E, SE blocked.
Loy (Plainfield)	0.5 NE;RR S		19 S6	73 oct. Data unver.
Madison Commercial	See Myers under "New Airports" - name changed.			
(A) Madison AAF (A)	6 NNW; RR SW	850	50h	Closed to all acft.
Mapleton (Seymour)	3 E	630	18 S4	80 oct. No sto. Info. unver.
Martinsville	2 W		10	Info. unver.
Marion	3.8 SSW;hwy E	832	24 L S6	80,91 oct. P-line NE, E.
Mecco (Danville)	0.5 W		13 S2	73 oct. Info. unver. Port lgts on req.
Mettel (Connersville)	2.8 NNE	950	29 S2	80 oct. bet RR's
* Milroy Int, 5, CC-CG	5.5 ESE	1034	27 L3	
Moore (Zionsville)	12 NW		14 S1	80 oct. Info. unver.
(P) Muncie	3.5 N;RR SW	950	32h L4 S6	80,91 oct. Lgts on req.
New Castle	3.2 E;hwy N	1040	29 S6	80,91 oct. N, NE blkd.
New Castle Western (New Castle)	2.3 NW;hwy E	1080	24 S2	80 oct. P-line N, SE, NW blkd.
Noblesville	1 SE; RR N	801	24 S1	80 oct. Pwr line ESE.
Ockley	1 W		23	Pwrlines N, W; trees E. Info. unver.
Owen (Mooresville)	4 E		31 S1	80 oct. Info. unver.
(P) Purdue University (Lafayette)	2.5 W;RR N	605	35h R1 L3 S6	80 oct. No sto. P-line N; stack NE.
Reese (Muncie)	4 E	950	19 S2	80 oct. Info. unver.
Reimer (Lafayette)	2 S		25 S2	80 oct. Data unver.
➔Richmond, com.	4 WSW; hwy N	1075	38 L1 S6	80,91 oct. P-line N, E.
(P) Richmond, mun.	6 SSE;RR W	1139	55h L5 S1	80,91 oct. No flood lgts.
➔Ruzicka (Kokomo)	2.5 S;hwy E	800	26 S6	80 oct. Pole E.
(P) St. Anne #2 (N. Vernon)	2.3 NNE;RR W	750	45h	
Scottsburg	2 W		18	Info. unver.
Shank's (Indianapolis)	5 WNW	740	28 S6	80 oct. Info. unver.
➔Shelbyville	3.1 S;hwy E			ABANDONED
Silent Brook (Orleans)	5 W;riv SW	650	21 S4	80 oct. Hi-line W, SW
(P) Sky Harbor (Indianap's)	7 ENE;hwy S, E	730	26 L S6	80 oct. Pole line E, S, SE
(P) Sky Haven (Bedford)	2 SSW;riv S	650	36h S6	80,91 oct. P-line E, NE, S
Steed (Portland)	1.5 NW	1030	20 S2	80' hill W end WSW rnwy 80 oct. C s N end NE-SW stp. Info. unver.
Stiles (Shoals)	1 N	740	22 S2	80 oct. Info. unver.
(A) Stout (Indianapolis)(A)	5.5 WSW	715	45h R1 L5	
➔Templeton (Greensb'g)	3.5 WNW;RR N			ABANDONED
Vevay	1 E	450	20 S2	73 oct. Tree NE corner Info. unver.
West Side (Marion)	2.5 NW;hwy S	835	26 S6	80,91 oct.
White Cloud (Greenw'd)	1.6 SW;hwy E	800	25 S4	Fuel. No sto. Info. unver.
Yorktown	1 S		22 S1	80 oct. Obsts E. Info. unver.

KENTUCKY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Blue Grass (Lexington)	6 W;hwy N	978	40h L5 S6	80,91 oct. Fld lgts on req.
➔BOWMAN (Louisville)	5.5 ESE	546	44h R2 L5 S6	80,91 oct. No flood lgts.
Cool Meadow (Lexington)	4.8 NE;rd W	910	28 S6	80,91 oct.
* Glendale Int, 75B,	0.5 NE;RR W	702	25 L3	(DL-LV)
(A) Godman (Ft. Knox)(A)	1 NW;RR E	740	52h R2 L5 S4	73,91,100 oct. No sto.
Goodall (Danville)	4.2 S;hwy W	990	27 S4	80 oct. WNW, SW blocked.
(P) Greater Cincinnati (Covington)	8.2 W;riv NE	890	55h R3 L6 S6	80,91 oct.
➔Paris	1.2 NNE	850	20 L S1	80 oct. Flood lgts NE, SW,
Shelby (Shelbyville)	2.5 ENE;hwy S	850	20 S2	80 oct. Info. unver. NW blkd.
Silver Lake (Frankfort)	3.2 E;hwy N	750	20 S6	80,91 oct. Poles N
(NC) Standiford (Louisville)	4.3 SSE;hwy E	480	50h	
* Warsaw Int, 5A, LV-CV	0.8 SW;riv NW	485	30 L3	

OHIO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Attaway Air Ranch (Mason)	4.2 S;RR NW	850	23 S4	80 oct. No sto. Pole line E.
➔Campbell (Cincinnati)	6.2 NNW;RR E	820	24 S2	80 oct. Pole line WSW.
➔Cheviot (Cincinnati)	9 W;RR 1 E	914	18 S6	80 oct.
Cincinnati (Sharonv'l)	2 SE;hwy N	860	37 S6	80 oct.
* Coldwater Int, 4, DY-CC	2 NW;crk NW	898	33 L3	
➔Country Club (Johnsv'l)	2.9 N;RR NE			ABANDONED
Dahio (Dayton)	8.5 W;hwy S	925	37 S4	80 oct.
(P) DAYTON	10 N;hwy E	1007	55h R3 L6 S6	73,80,91,100 oct.
Hamilton	2.5 SE;RR S	615	29 S6	80,91 oct. Poles SE, SSW Trees NW.
Happy Landings (Morrow) (NC)	2.4 ESE;RR S	880	28	Area SE unusable. Data unver.
Harrison	2 ESE;RR SW	580	26 S6	80 oct. P-line S. Rnwy
Hightman (Lebanon)(NC)	3 E;RR W	880	16	Pole line W; trees W, E.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct. Pole N.
(P) LUNKEN (Cincinnati)	4.3 SE;RR SW	488	41h R2 L5 S6	73,91,100 oct.
(P) Miami University (Oxford)	2.2 WSW;RR W	1040	40 S6	80 oct. Poles N, NW.
(P) Middletown	1.5 N; riv N	653	40 S4	80 oct. Poles E, SW.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct. Trees W.
Mt. Healthy (Cincinnati)	9.5 NW;hwy E	870	22 S6	80 oct. Trees WSW, NE,
New Westville (New Paris)	2.8 S;RR S	1180	21 S1	80 oct. Poles E, ENE NW, SE.
➔Parks Watson (Cincinnati)	9 NE;RR E	865	26 S6	80,91 oct.
(A) Patterson (Fairfld)(A)	1.6 WSW	819	78h R3 L6 S4	73,100 oct. JP-1.
Piqua	4 WNW;RR S	1000	19 S2	80 oct. Poles S, SE, SW.
➔Polk Grove (Vandalia)	3.6 W;riv W			ABANDONED
Sidney	1 W;RR S		25 S2	80 oct. Data unver.
South Dayton (Dayton)	5 SSW;RR W	750	32 S6	80 oct. No sto. Hills S.
Treaty City (Greenv'l)	1.5 NNE;hwy W	1060	20 S4	80 oct. Poleline W. blkd.
➔Waco-Troy (Troy)	1.8 SW; RR E	870	30 S6	80 oct. No sto. all appchs
(A) Wright (Dayton)(A)	5 ENE;RR NW	800	72h R1 L5 S2	62,73,91,100 oct. JP-1 CLOSED.

NEW AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Port Koneta (Wapakoneta, Ohio)	2.5 NNE;RR E		26 S4	80 oct. Inf. unver. Data unver
Stair (Mulberry) Ind.	0.13 NE, hwy S	650	16 S4	80 oct No sto. Pole line S
➔Jeffersonville-New Albany, (Ind)	2 NW;riv S	470	29 S6	80 oct. Poles SW (Jeffersonville)
Veteran's (Bloomington, Ind.)	2.5 W;RR N	890	18 S6	80 oct. No sto. Poles W,
Riverside (Louisville, Ky)	7.5 SW;riv W		27 S4	80 oct. Data unver.
Charlestown (Ind.)	5 NE;hwy E		15 S6	Data unver.
Bethel (Ohio)	1 ESE	890	30 S6	1500' hard surfaced rnwy
Myers (Madison, Ind.)	2.2 N;RR W	960	24 S6	80 oct. N, NE, E blkd.
Delaware (Muncie, Ind)	3 WSW; hwy N		27	Pwr line E Data unver.
Lebanon, (Ky)	3 NW		24 S4	No sto. Data unver.
Lakewood Park (Cincinnati) Ohio	9.5 NNW	870	20h S6	80,91 oct. P-line E
Sheridan, (Ind.)	2.5 N	700	23 S6	80,91 oct. Poleline W. Data unver.
Lansdowne (Greenv'l, Ohio)	2 ESE;RR N	1208	15 S6	80 oct. Bldgs, hi-line N. Data unver.

INDIANAPOLIS 57

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

*DOTTED HEAVY LINES OR SIDES OF BLOCKS LEGS IDENTIFY R QUADRANTS.

NAS BUNKER HILL
CHICAGO CINCINNATI
OCKLEY
KOKOMO MUN.
LAFAYETTE 227 (116.1)
RUZICKA
ARETZ
HALSMER
REIMER
STAIR
BLACK HAWK
LOCKWOOD
PURDUE U.
SHERIDAN
MOORE
LEBANON
CRAWFORDSVILLE
HIMES
ADVANCE 24
LIZTON
BROWNSBURG
INDIANAPOLIS 278 kc. 118.7, 126.18 mc
SHANK'S
MECCO
LOY
GREENCASTLE 27
STOUT AAF 396 kc.
SKY HARBOR
OWEN
WHITE CLOUD
BARGERSVILLE
GLAYTON 11
GREENCASTLE
INDIANAPOLIS 266 (116.1)
MARTINSVILLE
MORGANTOWN 22
VETERANS
BLOOMINGTO
CAMPUS
SKY HAVEN
BEDFORD
STILES
SILENT BROOK AIRPK.
BOSS-DENIEN
TERRE HAUTE 55
TO TERRE HAUTE
JEFFERSONVILLE-NEW ALBANY
BOWMAN 278 (118.3, 126.18)
HUNTINGBURG
BUSH
EVANSVILLE 233
RED 11
IND.
KY.
GODMAN AAF 272 (126.18)
GODMAN AAF 227
K.Y. I D.A.
GLENDALE
BOWLING GREEN 368
LANESVILLE
RIVERSIDE
STANDIFORD
SHELBYVILLE
SUCO
FRANKLIN
ATTERBURY AAF
COLUMBUS
MAPLETON
ST. ANNE NO. 2
FREEMAN AAF
MADISON AAF
MYERS
SCOTTSBURG
LOUISVILLE 359
CHARLESTOWN
SULPHUR 70
LEBANON
GOODALL
CINCINNATI ATLANTA
GRAND RAPIDS 43
WEST SIDE
MARION
ELWOOD
DELAWARE
MUNCIE
REESE
YORKTOWN
G AND C
HUFFMAN AIR SER.
NOBLESVILLE
ANDERSON
ACE
LAPEL
NEW CASTLE
WESTERN
HOOSIER PARK
GREENFIELD INC
BRIGHTWOOD
FARMERS
GREENFIELD 31
STEED
BRINGHAM
TREATY CITY
COXEY'S
LANSDOWNE
DAYTON 245 (116.1)
DAYTON 278 (118.9, 126.18)
VERONA 10
RICHMOND COM.
MIDWAY
E. RICHMOND
METTEL
HOWELL BROS.
NEW WESTVILLE
RICHMOND MUN.
SO. DAYTON
MIAMI U.
NO. HAMILTON
HAMILTON
CEDAR GROVE 35
MT. HEALTHY
LAKE WOOD
CAMPBELL
CHEVIOT
LUNKEN 227 kc. 118.7 mc
LAWRENCEVILLE
GREATER CINCINNATI 221 kc. 118.9, 126.18 mc
UNION 24
CINCI INC
ATTAWAY
MIDDLETOWN
FAIRFIELD 9
LOVELAND 9
PARKS WATSON
BETHEL
CINCINNATI 335 (111.1, 116.1)
LEXINGTON (VHF) U-108.3
WARSAW
EASTWOOD 9
SHELBY
SILVER LAKE
PARIS
COOL MEADOW
BLUE GRASS
SHEPHERDSVILLE 18
PORT KONETA
COLDWATER
LAKEVIEW
SIDNEY
PIQUA
WACO-TROY
TROY
PATTERSON AAF 396 (126.18)
PATTERSON AAF 379 (137.88)
WRIGHT AAF 260 (126.1)
FAIRFIELD 9
TO TOLEDO
TO SPRINGFIELD
TO HUNTINGTON
COLUMBUS 59
NASHVILLE 89 | KNOXVILLE 91

COLUMBUS

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CLINTON CO. (Wilmington)	272 (126.18, 140.58,116.1)	CA(ILS-W)(GCA)	(3); 126.18,137.7,116.1 Tr on 137.88 on req.
Clinton County (Wilmington) (Army)	201	MH	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-DTV,86°, 1.9	(3);116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS-W)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°,25.0	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC (ILS)	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1

CHARLESTON	400 (KN)(116.1)	SBMRAZ-DTV	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-DTV,75°, 2.3	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-
					MMK-	OMK-
LOCKBOURNE (A)	109.9		3°	IM- (0.16)	MM- ·····(0.85)	OM- --(4.29)
					MMK-	OMK-
PORT COLUMBUS	109.5		95°	IM-	MM- ·-·-(0.65)	OM- --(4.50)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

Briggs (Zanesville)	6.4 NNE,RR W	780	18 S2	80 oct. Poles E.
Cambridge	2 N, RR W	800	27 L3 S2	73 oct.
→ Cedar Lawn (Kenton)	2.3 S, RR E	975	16 S2	80 oct. P-lines E,SE
★ Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N;riv W	640	30 S4	80,91 oct. Data not verified.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N,RR,riv E	800	28 S2	73, 80 oct.
→ Crabill (Springfield)	2.5 SE.RR 1 E	1040	29 S6	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) (NC)-Not charted. → NEW OR REVISED DATA

OHIO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L4 S6	80,91 oct.Fld lgts prior req.
Grove City	1 S, RR W	860	21 S6	73,80 oct. No sto.Poles W.
Jones (Chillicothe)	7.2 SE,RR SW	720	20 S2	Ltd 80 oct.
Knore (Minford)	2 SE,RR W	670	20 S6	80 oct. No sto. Pwr line S.
Lancaster	2.5 E;RR N,SW	830	25 S4	80 oct. Poles E.
(A) Lockbourne AAB → (Columbus)(A)	11.5 SSE,RR W	744	55h R3 L5 S5	73, 100 oct. JP-1. No range.
Magnolia	0.5 NW,RR SE	970	22 S1	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
→ Marion	2.5 WNW,RR S	915	28 S4	80 oct.
Newark,2, CO-PG	3.5 SW,RR N	880	25 L3 S2	73 oct. 200' stacks S.
(P) New Philadelphia	2.5 SE,RR SW	885	36 S6	80 oct. Poles N,E,W.
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS (Columbus)	7 E, RR S	815	50h R3 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	14	Poles NNE; trees SSW.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW,riv S	538	24 L3 S6	80,91 oct. Lgtg fac not verified.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE. Rdo repairs.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S4	80 oct. Hill, trees NNE,SSW.
→ Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RP. NE	640	24	WSW blkd.
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
→ Springfield	4.2 ESE,hwy E	1050	28 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver
Tri-Co (New Holland)	3 ESE.RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
→ Washington (Wash.C.H.)	4.5 ENE;hwy S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	960	13	
Woodsfield (NC)	1 W,hwy NE	1220	19	
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S2	80,91 oct.Pole line E. RR E. NE,W
Zaleski St. Forest Svc.	1 SSW,RR NW	705	22	(NC) blocked.
(P) Zanesville	6.2 E,hwys N,S	902	50h R1 L5 S1	80 oct. prior req.

[illegible]

Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts emerg only.

NEW AIRPORTS

Logan (W.Va.)	7.2 NNW.riv E	630	15h S1	80 oct Hill S,N.
Huntington (W.Va.)				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.
(P) Huntington (Chesapeake,Ohio)	2 WSW;riv S	560	29h R1 S6	80,91 oct.
Port Lancaster Corp. (Hooker,Ohio)	0.8 N;RR W	800	28 S1	80,91 oct.Hwy W.
Snook (Reynoldsburg,Ohio)	1.4 NE;RR N	980	21 S6	80 oct.P-line E;trees SW.

COLUMBUS 59

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

DETROIT 45
TO PORT. WAYNE
CEDAR LAWN
MARION
MAGNOLIA
MED 17
+VOSS
MT. LIBERTY
WYNKOOP
NEW PHILADELPHIA
CLEVELAND CINCINNATI
CLEVELAND PITTSBURGH
COLUMBUS 391 (116.1)
COMMERCE
BRIGGS
OHIO STATE U.
GRIMES
SUMMIT STA
SPRINGFIELD
CAMBRIDGE
GREEN 4
PITTSBURGH 254
HILLIARD
SNOOK
RIVERSIDE
ZANESVILLE 263 (116.1) On request
CRABILL
SPRINGFIELD
CLIGRENGER
GROVE CITY
PRICE
NORTON
NEWARK
ZANESVILLE
SULLIVANT AVE.
LOCKBOURNE AAB 317 (126.1)
PORT LANCASTER
LANCASTER
CROOKSVILLE
PORT COLUMBUS-NAS 278 (118.5, 126.1)
WASHINGTON
TRI-COUNTY
On request
CLINTON CO. AAF 201
REED'S
MARIETTA
WOOD CO.
CHILLICOTHE SKYPARK +
OHIO U.
STEWART
JONES
CHERRY FORK
SHUMATE
RAVENSWOOD
KNORE
RAVEN ROCK
OHIO W. VA
ROANE CO
MAYSVILLE
OHIO KY.
ABKEN
ASHLAND
HUNTINGTON
CLARK
CHARLESTON 400 (116.1)
BOLLINGER
HUNTINGTON 236 (116.1)
LOGAN
SCOTT
MORRIS
PAYNESVILLE 356
PRINCETON
KNOXVILLE 91
CHARLOTTE 93

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALLEGHENY CO. Tower (Pa)	278 (126.18, 118.7)		AC	(4); 140.1,122.5,126.18
[Allegheny Co.](Pittsburgh,Pa)	5.3 S;RR NW	1251	57h L6 S6	80-100 oct.No ctc lgts.Rdo rec.rqrd
Allegheny Valley (Tarentum, Pa)	3.2 W;RR W	1125	24 S4	80 oct.
ALTOONA Range (Pa)(Blair Co.)	338(RF)(116.1)	203°,1.3	SBMRAZ-DTV	(4); 116.1
Altoona (Duncansville, Pa)	1 SW;RR E	1050	36 S4	73 oct.
Augusta (Waynesboro, Va)	6 WSW;rivSE	1420	24 S4	80 oct. Pole line SE.
Baker Arpk (Burlington,W.Va)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg,W.Va)	6 E;hwy S	1200	38h S6	80, 91 oct.
Blair Co., 24A, CO-PG (Martinsburg, Pa)	0.9 SE	1495	44h L4 S2	80, 91 oct.
* Buckstown Int,12B,WA-CV (Pa)	1 E;hwy S			ABANDONED.
Buford's (Montvale, Va)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
CECIL H Fac (Pa)	219 (C)	265°,10.3	FMH	Pittsburgh.
CECIL FM (Pa)	(- - -)	265°, 10.3	FM	Pittsburgh.
(P) Connellsville (Pa)	4 SSW;hwy E	1250	34h S2	80, 91 oct.
Covington (Va)	1 NE	1500	20 S4	80 oct. Data unver.
Covington-Clifton Forge (Va)	6.5 E;hwy S	1115	24 S4	80 oct.
Cresson (Pa)	1 NE;RR W	2240	25 S2	80 oct. P-line S.
(P) Cumberland (Md)	2.5 S;rivN,S	780	58h L5 S1	80 oct. Mtns SW Bcn inop.
Elk Garden (W. Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct.P-line NW.
ELKINS Range (W.Va)	281(EK)(116.1)	174°,2.9	SBMRAZ-DTV	(4); 116.1
(P) [Elkins] (W.Va)	2.6 S;RR W	1988	45h L5 S4	80,91 oct. No sto.
Forman (Terra Alta, W.Va)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
FRONT ROYAL Range (Va)	359(FZ)(116.1)		SBMRAZ-DTV	(4); 116.1
Glendale (W.Va)	0.5 WSW;bet. RR & riv	640	29 S6	80 oct.Trees N,S P-line S.
GORDONSVILLE Rng (Va)(Int.)	388(GJ)(116.1)	135°,2.5	SBMRAZ-DTV	(4); 116.1
Gordonsville (Va)	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* Gordonsville Int,51,NA-WA(Va)	5 SSE	438	31 L3	Pole line SW.
GREATER PITTSBURGH Tower	396 (126.18)+		CA	(3); 126.18
(A) Greater Pittsburgh (Pittsburgh, Pa) (A)	15 WNW;riv N	1145	55h L5 S4	100 oct. JP-1. No sto.
(A) Greenbrier AAF (White Sulphur Springs, W.Va) (A)	2 SW	1795	35h	
(P) Greene Co.(Waynesburg,Pa)	2.7 E;RR NW	1100	32 S6	80 oct.
Hamilton (Indiana, Pa)	2.5 E;hwy S	1440	26 S6	80 oct. P-line S.
Harrison City (Pa)	1.1 NW;hwy S	1200	17	Poles NW.
Hartman (Harrisonburg,Va)	1 NW	1350	22 S6	80,91 oct.
Herron (New Cumberland,W.Va)	4 NE;lake W	1250	17 S4	80 oct. Data unver.
Hinton (W.Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW
Hinton-Alderson (Pence Springs, W. Va) (NC)	1 E;riv,RR S	1520	26	Hill W, E.
HOOKSTON FM (Pa)	(- - - -)	308°,32	FM	Pittsburgh.
Huntingdon (Pa)	1 S;riv NE	620	20 S4	80 oct. P-line W.
Ingalls (Hot Springs, Va)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
(P) Johnstown (Pa)	4.7 E;hwy N	2282	45h S4	80,91 oct.
Keystone (Ebensburg, Pa)	3 SW;RR NW	2100	23 S4	87 oct. Obst sur fld.
Latrobe (Pa)	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg (Pa)	1.6 ESE;hwy W	960	30 S6	73 oct. P-line N,NE.
Lewis (Buckhannon, W.Va)	2.4 W;hwy N	1435	18 S4	80 oct.No sto Hills sur fld.
Lexington (Va)	2.7 SW;hwy S	1200	17 S1	73 oct.P-line NE,SW.
(P) Louis Bennett (Weston,W.Va)	3.2 N;RR E	996	37	Hill S;pole line WNW.
LYNCHBURG Range (Preston Glenn)	206(LB)(116.1)	165°,2.1	SBRAZ-DTV	(4); 116.1 (Va)
Marlinton (W.Va) [Jones]	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW.
MARTINSBURG Range (W.Va)	209(MR)(116.1)	35°,2.9	BMRLZ-DTV	(4); 116.1
Mayer (Pittsburgh, Pa)	10 WSW;RR S	770	16 S4	80 oct.P-line S.
Mexico Farms (Cumberland,Md)	3 S;RR E	630	36 S2	80 oct. Mtns E.
Moorefield (W.Va)	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
MORGANTOWN Range (W.Va)	269(MG)(116.1)	173°, 5.6	BMRLZ-DTV	(4); 116.1
(P) Morgantown (W.Va.)	2.2 ENE;hwy NW	1254	36h L3 S6	80,91 oct.
MT. PLEASANT FM (Pa)	(- -)	124°,24.7	FM	Pittsburgh
Narrows (Va)	1 E;RR S	1550	20 S2	Ltd 80 oct.Trees W.
NEW ALEXANDRIA FM (Pa)	(-)	85°, 30	FM	Pittsburgh
New Alexandria (Pa)	1.5 ENE;hwy N	1200	18 S4	80 oct. P-line N.
Orange Co. (Orange, Va)	4 E;hwy S		26 S2	80 oct. Data unver.
* Petersburg Int,29,CC-WA(W. (W. Va)	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
PITTSBURGH Range (Pa) (Allegheny Co.)	254(PT)(116.1)	85°,2.2	SBRAZ-DTV	(3); 116.1
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct. (Pa)
Pittsburgh-Greensburg (Greensburg, Pa)	2.3 SE;hwy N	1280	26 L3 S6	80 oct.Twr W.No bndry lgts.
Pitt-Wilkins (Pitcairn,Pa)	1 NNW	1200	17 S2	80 oct.
PRESTON GLENN Tower (Va)	248		C	(4)
(P) [Preston Glenn](Lynchburg,Va)	6.7 SSW;RR SE	935	40h L5 S6	80, 91 oct.
Ridgeway (Bunker Hill,W.Va)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.P-line SSW
Romney (W.Va)	2.1 NNE;riv W	750	16 S2	80 oct.Mtns WNW,ESE,SSE
Ronceverte (W.Va)	2 N;hwy SE	2175	18 S2	80 oct.
Salix (Pa)	0.6 S;RR NW	2200	24 S4	80 oct.
Scott (Tiltonsville,Ohio) (NC)	1.5 SSW;riv E	650	25	
Shenandoah (Va)	0.5 SW;hwy W		19 S1	Data unver.
Somerset (Pa)	2 NNE;RR SE	2200	27 S4	80 oct.P-line W.
Star Valley Arpk (Charleroi,Pa)	2 S;RR W;riv E	765	25 S1	80 oct.Bldg S.Data unver.
Staunton (Va)	4.4 NE;RR NW	1300	26 S6	80,91 oct.P-line NNE.
Stokes (Front Royal, Va)	2.5 W;riv E	735	19 S2	80 oct. P-line S,E.
(P) Stultz (Altoona, Pa)	10.7 NNE;RR N	970	35 S6	80,91 oct.P-line N.Rnwy
SUMMERHILL FM (Pa)	(- - - -)	281°, 22	FM	Altoona data unver.
* Sutton Int,21,CC-WA (W.Va)	3.6 ENE;RR W	1264	32 L3	
Timberlake (Lynchburg,Va)	9.5 SW;RR N	950	26	
Toronto (Ohio)	1.5 NW;riv E	1050	22	
(P) University of Va.(Charlottesville, Va)	5 ESE;riv E	300	35 S6	80,91 oct. Trees ESE.
Valley (Waynesboro, Va)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy
Vandergrift (Pa)	2 WNW;RR E	1000	21 S2	73 oct.P-line NW data unver.
Weirton (Hollidays Cove,W.Va)	1.5 E	1144	16h S6	80 oct. Data unver.
(P) Wheeling Ohio Co. (W.Va)	7.5 NNE;riv W	1190	50h L5 S1	80,91 oct.
Winchester (Va)	3 SSE;hwy E,S	700	22 S6	80 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALLEGHENY CO.			95°	IM-	MM-	OM-
					MMH201 - - - (0.80)	OMH-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bedford, (Pa.)	5.2 N jct of hwys	1187	18 S4	Fuel,Data unver.
WHEELING Range(W.VA)	108.3(WN)		VAEW	

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page iv)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

PITTSBURGH 61

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS B: USABLE WITH CAUTION

BUFFALO 47

GREATER PITT. AAF 396 (126.18)
PITTSBURGH 254 (116.1)
ALLEGHENY CO. 278 (118.7, 126.18)
CECIL 219
WHEELING (VHF) W U-108.3
MORGANTOWN 269 (116.1)
ALTOONA 338 (116.1)
ELKINS 281 (116.1)
MARTINSBURG 209 (116.1)
FRONT ROYAL 359 (116.1)
GORDONSVILLE 388 (116.1)
LYNCHBURG 206 (116.1)
CHARLESTON 400
PRESTON GLENN 246 ac

CHARLOTTE 93
NORFOLK 95
WASHINGTON 63
COLUMBUS 59

TO LISBON
TO HERNDON
TO REMINGTON
TO DONCASTER
TO RICHMOND
TO CHARLESTON

DELAWARE

FACILITY	ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Bellanca (New Castle)	1.5 W	30	25h L1 S5	80,91 oct. Poles N.
Biggs (New Castle)	1 NW; riv SE	60	21 S2	80 oct. Riv S. NW.
➸ Bridgeville	1.7 SE; hwy S, W	40	22 S6	80 oct. No sto. P-line
➸ DOVER Tower				DECOMMISSIONED
Dover	1.4 ENE	34	19 S2	80 oct. P-line N.
Dover Arpk.	2.2 N; rd W	37	25 S2	80 oct.
(A) Dover AAF (A)	4 SE; hwy E	28	70h	TMP INACT. NO FACS
DuPont (Seaford) (NC)	0.8 WSW; RR NE	25	21	Poles NE. PRIV. RST'D
DUPONT Tower	388		CI	3105, 3117.5, 5582.5 (8-20 daily except Sun.)
DuPont (Wilmington)	3 WNW; RR E	185	29 R1 L4 S4	80 oct. No sto.
(P) Georgetown	1.5 E; RR NW	51	50h	
Harrington	1.8 E; RR W	50	25 S2	80 oct.
Holly Brook (Laurel)	1.5 N; RR, hwy W	40	25 S1	80 oct. P-line SE
Laurel	1.5 SW; hwy E	30	19 S2	80, 91 oct. Except on req.
➸ NEW CASTLE Range	350 (NC)	19°, 2.8	MRLZ	Replies on twr freq ex-
NEW CASTLE Tower	219 (118.5)		CI	(4); 116.1, 118.5, 122.5
(NG) New Castle County ➸ (Wilmington)	4.8 SW; hwy SE	75	70h R2 L5 S1	73, 100 oct NG, emerg repairs only for mil acft
Rehoboth Beach Aircrafters	2.5 W; hwy N	10	35 L S6	80, 91 oct. Obsts sur fld. Port rnwy lgts.
Sussex (Frankford)	1.5 N; hwy W	30	20 S4	80 oct. Port flares on req.

DIST. OF COLUMBIA

WASHINGTON Range	332 (WA) (116.1)	25°, 0.9	SBRAZ-DTV	(3); 116.1

MARYLAND

➸ Aberdeen Arpk.	1 SW		21 S4	73, 100 oct. Data unver.
Aldino (Churchville)	2.2 NE; RR SE	400	20 S6	80 oct.
Andelot (Worton) (NC)	4 WNW; bay W	25	20	Trees N.
ANDREWS Range (Camp Springs)	248 (DCM)	10°, 1.2	MLZ	
ANNAPOLIS Tower	2870 (142.74)		CN	3105, 2870, 6420; 142.74 (7-17)
Annapolis	2 SE		18h S4	80, 91 oct. No sto. Data
BALTIMORE Range	257 (BO) (116.1)	12°, 2.4	BMRLZ-DTV	(3); 116.1 unver.
➸ BALTIMORE Tower	278 (118.9, 126.18)		C	(4); 118.9, 122.5, 126.18
(NG) [Baltimore Mun.]	6 SE; RR NE Harbor S	14	46h R2 L5 S6	Ltd 100 oct, no maint. NG. Rdo rqrd. Stacks
BELTSVILLE FM	(-)	41°, 17.6	FM	Washington, D.C. N, SE
C.A.P. Base (Westminster)	2.6 N; hwy E	780	20 S4	80 oct. P-line E, NE.
Delmarvia (Salisb'y)	2.8 NE; hwy W	45	21 S6	80 oct. P-line N, E, NE.
DONCASTER FM	(. . - - -)	209°, 24.7	FM	Washington, D.C.
(P) Easton	2.2 N; RR E	66	40h L S4	80 oct. No sto. Port lgts
(A) Edgewood Arsenal (A)	1.3 S	18	50h L5 S4	91, 100 oct. No bcn. CLSD
Faybrook (Rock Hall)	1.5 NNW; bay W	20	14 S4	80 oct. Trees WNW, NNE
Frederick City	1.8 E; riv N, E	305	49	(Frederick)
Glenburnie-Whipp Seaplane Anchor.	1 E; hwy W	56	26 S6	80 oct.
Hagerstown	4.2 N; RR W	700	39h L3 S4	80oct. Fld lgts prior req.
Hickman (Ocean City)	7.5 NW; riv S	15	25 S4	80, 91 oct. Flares
Kent (Worton)	1 N; RR S	60	23 S2	80 oct. on req.
Lee Annapolis (Annapolis)	4.8 WSW; hwy E	30	28 S1	73 oct. P-line ESE Rnwy data unver.
MARTIN Tower	317		CI	(4) (8-sunset, Mon-Fri)
Martin (Baltimore)	10 E; RR N	18	70h R1	PRIVATE.
MEEKINS NECK FM (Navy)	(-)	57', 16	FM	Patuxent River.
PATUXENT RIVER Navy Range	215 (NHK)	57°, 4.4	MRLZ-D	(3); 142.74
PATUXENT RIVER Tower	347 (142.74)		CN (GCA)	(3); 142.74
(N) Patuxent Riv. NAS (N)	2.9 NE Jarboes	38	97h R2 (L6) S4	91, 100 oct. JP-1. NATS.
PHILLIPS Tower	215 (126.18)		CA	(3); 126.18 (8-18 Mon.-Fri. 8-1630 Sat. & Sun)
(A) Phillips (Aberdeen)	3.2 S; RR W	57	50h R1 L5 S1	100 oct. CLOSED. (A)
Pimlico (Baltimore)	6 NW; hwy SW	449	32 S6	91, 80 oct.
(N) Piney Point	0.8 WNW	10	14h S1	73 oct. Use rnwys only
Rutherford (Baltimore)	7 W; RR W	500	23 S6	80 oct. Twr N.
➸ Salisbury	5.3 ESE	52	50h L5 S1	91 oct. Lgts prior req.
Shady Side (NC)	1.8 SSW	10	15	P-line SSW, RR W
Stevens (Frederick)	5.8 N; hwy E	440	28 S6	80 oct. Trees SW, S, W.
Taneytown	2.9 WNW	500	20 S4	80 oct. P-line S, SW, W
Webb (Easton)	2.5 E	50	26 S6	80 oct. No sto. P-line S,
WEBSTER Tower	3345 (142.74)		CN	3105; 142.74 (24 hrs. advance notice) SE
(N) Webster (Priest Point) (N)	1.5 W Ingoes	21	50h R1 S1	Ltd 100 oct. JP-1 on req

NEW JERSEY

Alexandria (Pittst'n)	2 WNW; 1k NE	340	18 S4	80 oct. No sto. Trees
Buck's (Bridgeton)	3.7 NNE; RR S	100	18 S4	80 oct. P-line S, WENE
Greenwich	2.5 W; riv SW	30	21 S6	73, 80 oct. Trees N.
Kroelinger (Vineland)	2.5 NNW; RR E	100	19 S6	80 oct. P-line S, E
MILLVILLE Range	365 (NV) (116.1)	144°, 4.3	SBRA-DTV	(4); 116.1
(P) Millville	3.3 SW; 1k N	68	50h R1 L5 S6	80, 91 oct. Fld lgts on req.
Penns Grove	3 SE; riv W	10	22 S2	73 oct. P-line W, SSW.
Salem	2 ESE; rd S	15	22	CLOSED.
Woodstown (Auburn)	1.5 SSE; RR E	100	20 S1	80 oct. P-line N, NE.

PENNSYLVANIA

[Allentown-Bethlehem] (Allentown)	4.6 NNE; RR NW	380	40h R1 L5 S6	80, 91 oct. Use rnwys only. Fld lgts pri. req.
Berks (Reading)	4.5 NW; hwy SW	360	23 S4	80, 91 oct. Hill NW.
Bethlehem-Easton (Easton)	4.5 SW; riv S	360	23 S6	80, 91 oct. No sto. P-line sur fld.
BOOTHWYN FM	(- - -)	260°, 9.5	FM	Philadelphia.
Cargill (Granville)	1.5 SW; RR SE	490	23 S2	73 oct. Obsts sur fld.
CARLISLE FM	(- - - -)	284°, 18	FM	Harrisburg.
Carlisle	1.8 WSW; RR N	480	23 S2	80 oct.
Centerville (Carlisle)	11.3 SW; RR N	660	23	Trees E, NE. (NC)
Chambersburg	1.2 SSE; RR SW	650	22 S6	80 oct. E/W strip rough.
Coatesville	1.6 W; RR S	623	26 L1 S4	80 oct. Obsts sur fld.
Convair (Allentown)	3 SSW	399	40h	
Devener (Hanover)	2 NNE; hwy W	590	20 S6	73, 80 oct.
Doersom (Gettysb'g)	2.4 NW; RR N	590	19 S6	73 oct. Pwr line NE.
Estler (Mohrsville)	3.5 W; pond W	390	22 S6	Ltd 80 oct. Trees W.
Fogelsville	0.7 E; RR SE	460	22 S4	80 oct. No sto. P-line SW
Gettysburg	2.8 NNW	600	24 S3	80 oct. No sto. RR SW.
HARRISBURG Range	242 (HX) (116.1)	118°, 1.1	SBRAZ-DTV	(3); 116.1
HARRISBURG Tower	278		C	(4); 116.1, 122.5
(N) [Harrisburg State]	3.5 S; RR N	344	40h R2 L5 S4	80, 91 oct. Svcg days NATS
Hershey	1.1 NNW; RR S	415	21 S2	80, 91 oct.
Kutztown	1.5 S; RR SE	400	25 S4	73 oct.
Lancaster	1.5 NNW; RR SW	320	26 S6	73, 80 oct. Pwr line W
Lancaster, 35, CO-PG	5.5 N; hwy W	385	27h L4 S4	80 oct. Poles S, WSW.
Layfield (New Hanover)	2 NE; hwy W	320	17 S6	80 oct. Trees NE.
Lebanon Co. (Myerstown)	1.8 W; hwy S	525	17 S5	80 oct.
Lewistown	4 SW; riv SE	560	19 S6	80 oct. Wded hill NW.
Madeira (Reading)	3.2 N; RR W	360	20 L S6	80 oct. Port flood lgts.
MIDDLETOWN FM	(- -)	118°, 9	FM	Harrisburg.
Millard (Annville)	1.5 SW	460	18h S5	80, 91 oct.
(P) Mount Union	4 S; hwy E	560	30 S4	80 oct.
New Hanover	0.5 W; hwy SE	320	30 S6	80, 91 oct. Rnwy data unver.
OLMSTED Tower	396 (126.18) +		CA ➸:35, 55	(4); 126.18
(A) Olmsted (Middletown) (A)	1 W; RR N	300	50h R1 L5 S6	62-100 oct. JP-1. Poles N, NE. Riv S.
Penn-Harris (Harrisburg)	4 ESE; RR N	400	18 L S6	80, 91 oct. Flood lgts.
PHILADELPHIA Rng (Southwest)	266 (PG) (116.1)	97°, 3	SBMRAZ-DTV	(4); 116.1
Philadelphia Main Line (Paoli)	2.8 WNW; hwy S	310	21 S4	No fuel. P-line ESE.
Pottstown	4.5 E; hwy N	311	30 S6	80 oct. Bldg NW.
[Reading]	3 NW; riv E	342	52h L6 S6	B-2 lgts prior req. ARMY TMP INACT. CIVIL FACS.
Reigel (Campbellt'n)	1 N; hwy N	475	20 S4	80 oct.
Schuylkill (Pottsv'l)	8.3 ESE; 1k SE	510	29 L S6	80 oct. Port rnwy lgts. Hills E, NE, SW
SEVEN VALLEYS FM	(- - -)	172°, 25	FM	Harrisburg
➸ Smilin' Jack (Douglassville)	1.3 NW; RR S		24 S4	ABANDONED
Sunset Arwys (Chambersburg)	3.5 NNE; rd E, S	650	25 S1	80 oct. P-line E, NNW.
Swatara Valley	4 WSW; RR N	480	21 S4	80 oct. (Pine Grove)
Taylor (New Kingston)	0.5 SE; hwy N	440	28 S6	80 oct. P-line N.
Valley Arpk (York)	3 ENE; RR N	420	21 S6	80 oct. Poles SSE,
Waynesboro	3 SE; hwy N	700	20h S6	80 oct. NNW.
West Chester	2.5 NE; 1k S	470	32 S4	80 oct.
Womelsdorf	3 NW; hwy E	540	13 S1	73 oct.
York	8.3 WSW; RR E	500	19 L S6	73, 80 oct. Flood lgts. Pole N.

VIRGINIA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS GUARDED HRS. OF OPERATION
ALEXANDRIA LFM	(- - -) 209°, 2.4		LFM	Washington, D.C.
➸ ARCOLA Range	233 (EC)		SRAZ	(4)
Blue Ridge (Herndon)	4 WSW; hwy NE	280	30	P-line E.
Central (Richmond)	2.5 ENE; RR W	172	45 S6	80 oct. Poles WNW, SE.
CHESTER FM	(- -) 218°, 5.15		FM	Richmond
CHINCOTEAGUE Navy Range	227 (NKZ)	98°, 4.5	MRLZ	3105, 4495; 142.74 (V-7-24)
CHINCOTEAGUE Twr	3295 (142.74)		CN	(3); 142.74 (8-17)
(N) Chincoteague NAAS	4.5 WNW; hwy S	38	60h R2 L5 S4	100 oct. (N)
Carroll's (Weems)	1 N; jct or rivs		17 S1	80 oct. P-line SE Use strips only. Data unv
DAHLGREN Tower	375 (142.74)		CN	(3); 142.74 (8-16 except
(N) Dahlgren NAF Proving Grnds. (N)	0.5 E	20	40h R1 L5 S2	100 oct. CLSD. (Sun)
DAWN FM	(- - - -) 3°, 25.1		FM	Richmond
Harcum (NC)	0.2 NW	85	40	Poles. Rnwy data unver.
Hermitage (Richm'd)	3.2 NNW; RR W	200	20 S6	80 oct. Trees, poles
HERNDON FM	(- - - -) 317°, 21.8		FM	Washington, D.C.
Hummel (Greys Pt.)	3 NE Harmony	30	21	Obsts sur fld. (NC)
➸ Johnson (Ononcock)	1 ESE; RR E	35	22 S1	80 oct.
Kellam (Weirwood)	0.3 SW; RR E	15	20 S1	73 oct. Trees NE, SE.
Leesburg Arpk.	0.7 ESE	280	26 S6	80 oct. P-line NE.
* Lively Int, 6, NW-WA	3.4 WSW; riv W	15	34 L3	35' trees, bldgs NW.
Manassas	2.7 NW; RR S	250	21	P-line SW, SSE.
(P) Melfa Figt Strip	1.3 W	48	70h	
Midway (Chester)	2 E; hwy S	178	26 S2	80 oct. 20-50' trees E
* Milford Int, 49B, AG- ➸ LG	1.5 S; RR W			ABANDONED.
MT. VERNON FM	(. . - - -) 209°, 8.2		FM	Washington, D.C.
MT. VERNON H Fac.	269 (W) 209°, 8.2		FMH	Washington, D.C.
Northfield (Richm'd)	3 N; hwy W	197	20 S4	80 oct.
Parksley	0.6 WNW	25	18 S4	80 oct.
QUANTICO Navy Range (MCAS)	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
RICHMOND Range (Bryd)	260 (RW) (116.1)	20°, 1.9	SBRAZ-DTV	(3): 116.1
RICHMOND Tower	See Byrd Fld under "New Facilities" - name changed			
(A) [Richmond AAB] (A)	See Byrd Fld under "New Facilities" - name changed.			
Shannon (Fredericksburg)	1.6 SSE; riv E	50	23 S6	80 oct.
(A) Tappahannock Flgt Strip (A)	0.8 W	30	40h	8000' strip avail. CLOSED.
(P) West Point	2.3 ESE	24	50h S4	80, 91 oct. Riv SSW.
Zieger (Warrenton)	3.7 S; hwy NE	440	20 S2	80 oct. Hill W, NW.

WEST VIRGINIA

(P) Martinsburg	4 S; hwy W	550	50h R1 L5 S6	80, 91, 100 oct.
➸ North End (Martinsburg)	2.5 NNE; RR W	515	28 S2	80 oct. Pole line S.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
(BYRD)	109.9		63°	IM- ••••• (0.17)	MM- •-•• (0.90)	OM- — — (4.36)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Emmaus (Penna)	0.5 NW		20 S4	80 oct. Data unver.
· Grimes (Bethel, Pa.)	1.7 ENE; hwy S	582	29 S6	80, 91 oct. No sto. Mtn NE
(A) Byrd Fld (Richmond, ➸ Va.)	7.3 ESE; RR S	167	50h R3 L5 S4	73, 100 oct.
BYRD Tower (Richmond, Va)	396 (126.18, 118.7)		AC (ILS-W)	(4); 122.5, 118, 7.126, 18

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.88 mcs. *Guarded only when associated tower inoperative. ➸ A.C.S. Scheduled broadcast on 4765 kcs (first figure is scheduled time, second alternate time) h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) ➸ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

WASHINGTON 63

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓞ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

SYRACUSE 49
HARRISBURG 242 (116.1)
HARRISBURG STATE 278
OLMSTED AAF 396 (126.18)
ALLENTOWN 320
LANCASTER
READING
LANCASTER MUN.
POTTSTOWN
STOWE-POTTSTOWN
NEW HANOVER
MADEIRA
LAYFIELD
EMMAUS
CONVAIR
ALLENTOWN-BETHLEHEM
FOGELSVILLE
SCHUYKILL
KUTZTOWN
ESTLER
SWATARA VALLEY
GRIMES
BERKS
PENN-HARRIS
WOMELSDORF
LEBANON CO.
HERSHEY
MILLARD
REIGEL
MIDDLETOWN
MT UNION
CARLISLE
TAYLOR
LEWISTOWN
CARGILL
PHILIPSBURG
SUNBURY
METUCHEN
BETHLEHEM-EASTON
ALEXANDRIA
FOR DETAILS IN THIS AREA SEE CHART 65
PHILA. NORTHEAST 371
MAIN LINE
COATESVILLE
W CHESTER
VALLEY
SUNSET AWYS
CHAMBERSBURG
YORK
SEVEN VALLEYS
GETTYSBURG
DOERSOM
DEVENER
N. Y. WASH.
NEW FREEDOM
WAYNESBORO PA.
MD.
TANEYTOWN
HAGERSTOWN
NORTH END
C.A.P. BASE NO. 332
MARTINSBURG
STEVENS
FREDERICK CITY
MARTINSBURG 209
LEESBURG
LISBON
RELAY
PIMLICO
RUTHERFORD
N. BALTIMORE
BELTSVILLE
HERNDON
FRONT ROYAL 359
BLUE RIDGE
ARCOLA 233
MANASSAS
ZIEGER
REMINGTON
WASHINGTON 332 (116.1)
MT. VERNON
ALEXANDRIA
GLENBURNIE WHIPP
ANNAPOLIS
NAF. ANNAPOLIS 2870 (142.74)
LEE ANNAPOLIS
EASTON
WEBB
ANDREWS AAF 248
269
DONCASTER
MCAS. QUANTICO 203
GORDONSVILLE 388
SHANNON
NAF. DAHLGREN 375 (142.74)
NAS. PATUXENT RIVER 215
NAS. PATUXENT RIVER 347 (142.74)
NAS. PATUXENT RIVER APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.
WEBSTER
PINEY POINT
TAPPAHANNOCK
DAWN 25
BYRD 396 (118.7, 126.18)
RICHMOND 260 (116.1)
LIVELY
CURRELL'S
WEST POINT
MIDWAY
NORTHFIELD
HERMITAGE
CENTRAL
BLACKSTONE 371
RAWLINGS
CHESTER
TO NORFOLK
TO NAS, NORFOLK
LANGLEY AAF 221
NORFOLK 95
NAS. PATUXENT RIVER
NEW CASTLE CO. 219 MC 118.5 MC
DU PONT 388
BOOTHWYN
PENNS GROVE
PHILADELPHIA 266 (116.1)
BIGGS
WOODSTOWN
NEW CASTLE 350
ALDINO
ABERDEEN
PHILLIPS AAF 215 (126.18)
SHALLCROSS
BELLANCA
KROELINGER
BUCK'S
GREENWICH
SMYRNA
MILLVILLE
MILLVILLE 365 (116.1)
DOVER
DOVER AAF
SUNGLO
DOVER AIR PARK
HARTLY
CENTERVILLE
HARRINGTON
DE VRIES
REHOBOTH
BRIDGEVILLE
GEORGETOWN
HOLLY BROOK
LAUREL
SUSSEX
DELMARVIA
HICKMAN
SALISBURY
NAAS, CHINCOTEAGUE 227
NAAS, CHINCOTEAGUE 3295 KC 142.74 MC
POCOMOKE
PARKSLEY
JOHNSON
MELFA
KELLAM
BALTIMORE 278 (118.9, 126.18)
BALTIMORE 257 (116.1)
FAYBROOK
EDGEWOOD ARSENAL AAF
MARTIN 317
KENT
D.A.
PA
MD
DEL
NEW YORK 67
PITTSBURGH 61
TO ALTOONA
N. ALTOONA
PHILIPSBURG
RED 21
RED 3
RED 33
RED 17
RED 18
RED 20
RED 37
RED 45
AMBER 7
GREEN 4
GREEN 5
BLUE 20
B20
R 29
R 61
STATUTE MILES
OVER

RADIO

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
DIST. OF COLUMBIA				
ANACOSTIA NAS Tower	396(142.74)'		CN	(3);142.74(7-sunset & on req.)
BOLLING Tower	212(126.18,+ 137.88)+		CA	(3); 126.18,137.88
WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1
Washington Nat'l. Tower	278 (126.18, 118.5)		AC (ILS-W)	(4);118.5,126.18,122.5. (GCA test basis)
MARYLAND				
ANDREWS Army Range	248(DCM)	10°,1.2	MLZ	
Andrews Tower	317 (126.18)+		CA(ILS-W)(GCA)	(3); 126.18
BELTSVILLE FM	(-)	41°,17.6	FM	Washington, D.C.
DONCASTER FM	(. . . - - -)	209°,24.7	FM	Washington, D.C.
PENNSYLVANIA				
BOOTHWYN FM	(- - -)	260°,9.5	FM	Philadelphia.
HOLMESBURG LFM	(- - -)	238°,6.5	LFM	NE Philadelphia
JOHNSVILLE Tower	284(142.74)		CN	3105 cont.;4495,6210;116.1, 126.18,140.58,142.74 on req. (8-1/2 hr. past sunset)
MUSTIN NAAF Tower	251 (126.18, 142.74)		CN	(3); 126.18,142.74 (7-sunset, other hrs. on req.)
PHILADELPHIA SW Range	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia SW Tower	278 (118.1)		C	(4); 118.1
Philadelphia NE Range	371 (NF)	238°,2.8	MLWZ-DT	
Philadelphia NE Tower	212		CI	(4)
WILLOW GROVE Navy Range	391 (NXX)	241°,3.35	MRLZ	(3); 142.74
Willow Grove NAS Tower	356 (142.74)		CN	(3); 142.74 (days only except on 1 hr's advance notice)
WINGS Tower	278		CI	3105 (9-17)
VIRGINIA				
ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
HERNDON FM	(- - - -)	317°,21.8	FM	Washington, D.C.
MOUNT VERNON H Fac	269 (W)	209°,8.2	FMH	Washington, D.C.
MOUNT VERNON FM	(. . - - -)	209°,8.2	FM	Washington, D.C.
QUANTICO Navy Range	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
Quantico MCAS Tower	3295 (142.74)		CN	(3); 142.74
NEW RADIO FACILITIES				

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WASHINGTON	109.9	333.8	360°	IM- ·····(0.03)	MM-	OM- --(3.60)
					MMK-	OMK-
ANDREWS (A)	110.3	335	10°	IM- (0.05)	MM- (1.20)	OM-
					MMH-379 (1.20)	OMH-

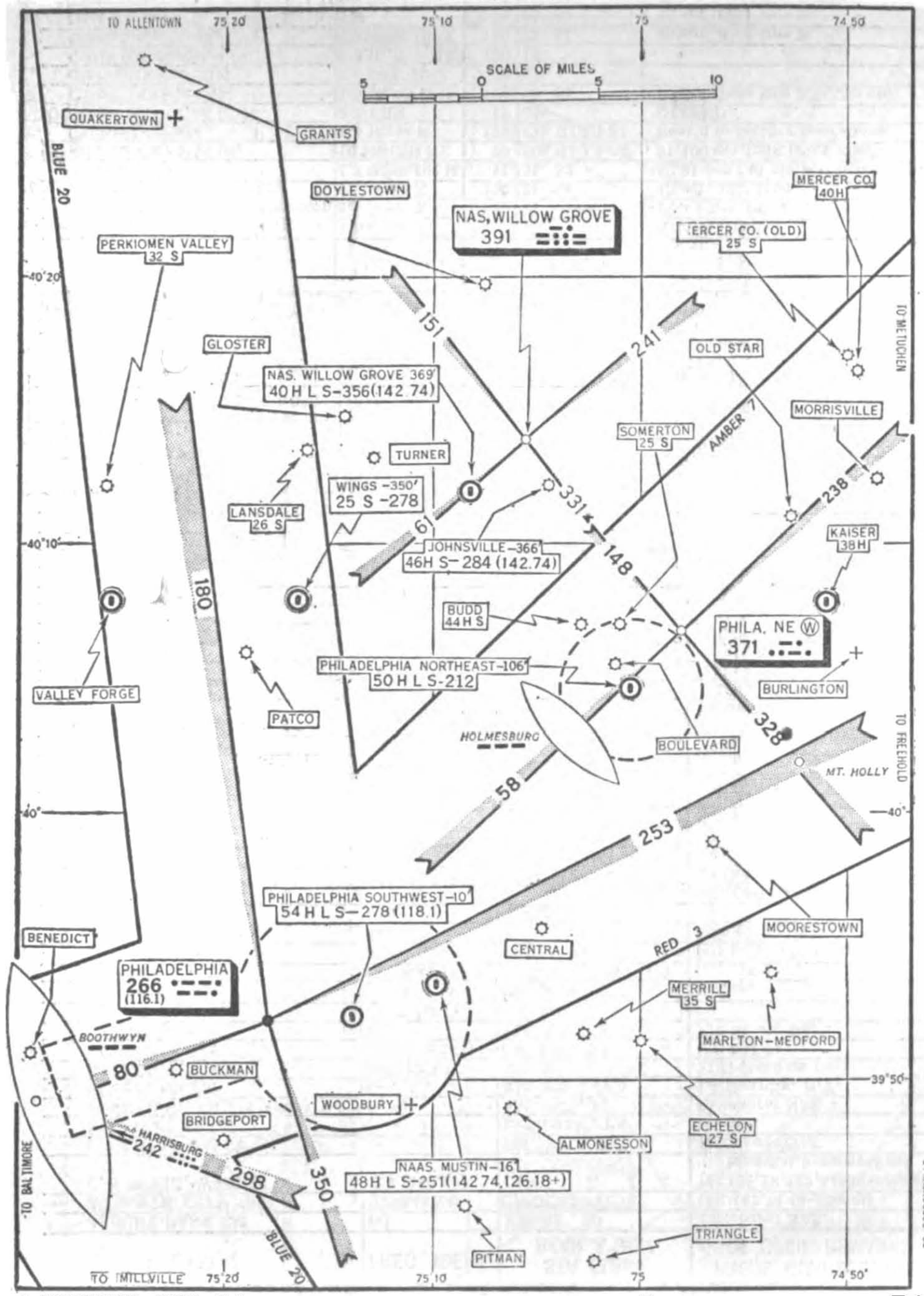
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

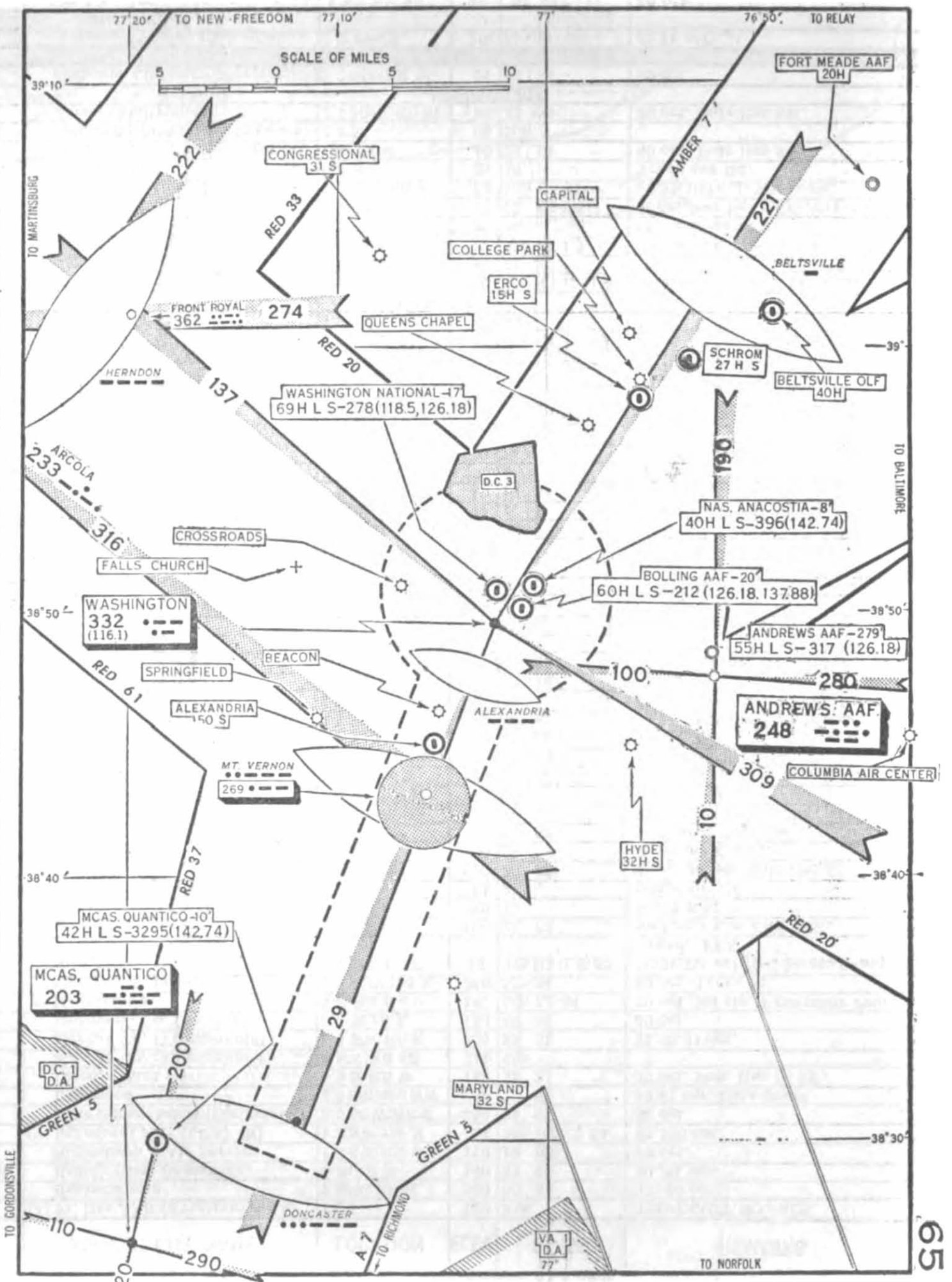
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
DIST. OF COLUMBIA				
(N) Anacostia NAS (Washington) (N)	2.4 SE of Monument	8	50h R1 L5 S4	100 oct. No bcn.
(A) Bolling (Washington) (A)	3 SSE of Monument	20	60h R1 L5 S6	73,100 oct. Ridge E.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct. JP-1 on req. FOREIGN CLEAR. STN. NATS
MARYLAND				
(A) Andrews (Camp Springs)(A)	1.5 E	279	55h R3 (L6) S4	80, 100 oct. JP-1.
(N) Beltsville OLF (N)	5 ESE	180	40h	Fld open 0900-1530 daily
Capital (Berwyn)	2 NW; RR E	70	20 S4	80 oct. Pole line S.
College Park	8.5 NE of D.C.	50	22 S6	80 oct. Hill SE. RR NW.
Columbia Air Ctr. (Croom)	3 E; RR W	40	20	Trees N, NNW.
Congressional (Rockville)	2 SSE; hwy E	450	32 S6	80 oct. Pole line E, NE.
Curtis (Brandywine)(NC)	3 SSW; RR E	200	18	Pole line N, W.
Erco (Riverdale)	0.4 NE; RR W	50	15h S1	80 oct. Trees E, NE, SW.
(A) Fort Meade (A)	0.5 NE ctr of reservation	180	20h	
MARYLAND				
Hyde (Clinton)	2 WSW	249	32h S6	80, 91 oct. Trees WNW, NE.
Maryland (Pomonkey)	0.2 S; RR S	170	32 S6	80,91 oct. Rnwy data unver.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct.
Schrom (Greenbelt)	0.3 SW; hwy W	177	27h S6	80 oct. Trees NW, SE.
NEW JERSEY				
Almonesson	0.6 NNW	50	18 S6	73 oct. Pole line NNE, SSE.
Bridgeport	0.8 ESE; RR N	23	18 S4	80 oct.
Burlington Airpark	1.7 NE		24 S4	80 oct. No sto. Data unver.
Central (Camden)	1.8 E;riv S,W	20	25h L4 S4	80,91 oct.
Echelon (Ashland)	0.5 SE; RR W	100	27 S6	80, 91 oct. Pole line NW.
Marlton-Medford Inc. (Marlton)	1.5 ENE	80	30 S2	80 oct.
Mercer County, new (Trenton)	5 NW; RR SE	211	40h	
Mercer County, old (Trenton)	5.8 NW; RR E	200	25 S1	73, 80, 91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35 S6	80 oct. No sto. Obsts sur fld.
→Moorestown	1 NNE; RR S	70	18 L S4	80,91 oct. Port rnwy lgts on req.
Pitman	1.6 NNW;RR E	100	17 S6	80 oct. Pole line S, SSW.
Triangle (Glassboro)	4.3 ENE	150	18 S2	80 oct. Pole line SW.
PENNSYLVANIA				
Benedict (Chester)	6.5 W	400	26 S2	80 oct. Data unver.
Boulevard (Philadelphia)	12 NE;RR SW	160	22 S4	80 oct. Obsts sur fld.
Buckman (Chester)	2.3 WSW;RR NW	90	20 S4	80 oct. No sto.
Budd (Philadelphia)	12.5 NE;RR N	240	44h	
Doylestown	1.5 NNE;RR SW	400	22 S6	80 oct.
Gloster (Montgomeryville)	0.7 SE;hwy W	460	22 S1	80 oct. Pole line SE,S,W.
Grants (Quakertown)	4 WNW;hwy E	600	18 S6	80 oct.
(N) Johnsville (N)	0.8 NW;RR E	366	46h R1 S4	91,100 oct.
Kaiser (Bristol)	2 N; riv SE	35	38h	Pole line SW. RESTRICTED.
Lansdale	1.6 ESE;hwy SE	450	26 S6	80,91 oct. No sto. Poles NE.
Morrisville	1.6 W; riv E	180	28 S4	80 oct.
(N) Mustin NAAS (Philadelphia)(N)	4 S; riv S	16	48h R1 L5 S6	100 oct. Pole line NE.
Old Star (Langhorne)	2.4 E; RR N	180	24 S5	80 oct. No sto. Poles N, S.
Patco (Norristown)	2.5 SE;bet RRs	200	19 S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE;rds NE	280	32 S6	80 oct. Obsts sur fld.
(P) Philadelphia Northeast	12.2 NE;hwy W	106	50h R2 L5 S1	80,91 oct. Rdo rqrd.
PHILADELPHIA SOUTHWEST	6.5 SW;riv SW	10	54h R2 L6 S6	82,91 oct. Rdo rec rqrd.
→Quakertown	2 W; hwy E	520	21 S4	80 oct. No sto.
Somerton (Philadelphia)	14 NE;RR N,E	200	25 S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW;riv NW	250	24 S6	80 oct. Riv SE.
(N) Willow Grove NAS (N) NATS	4 NNW;hwy E	369	40h R2 L5 S4	91,100 oct. No sto.
Wings (Ambler)	3 WSW;rds E,W	350	25 R1 S6	80,91 oct. Trees N,S.
VIRGINIA				
Beacon (Alexandria)	3 SSW;hwy E	240	24 L1 S6	80 oct. No sto. Pole line S.
Crossroads (Alexandria)	4.5 NW;RR E	250	20 S1	Ltd 80 oct.
Falls Church Airpark	1.9 SW	350	26 S6	No sto. Data unver.
Hybla Valley (Alexandria)	See Alexandria under "New Airports" - name changed.			
(N) Quantico MCAS (N)	1.2 SSW;RR W	10	42h R2 L5 S6	73,91,100 oct.
Springfield (Annandale)	3.5 SSE;RR E,N	240	20 S4	80 oct. No sto. Obsts sur fld.
NEW AIRPORTS				
Woodbury (N.J.)	2 S		20 S4	80 oct. Data Unver.
Alexandria, (Va.)	4.5 SSW;hwy E	66	50 S6	80 oct. Trees, pole lines sur field.
Turner (Lansdale, Pa.)	4.2 ESE	375	19 S6	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). →NEW OR REVISED DATA

PHILADELPHIA AREA



WASHINGTON AREA



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

(R): EXTREMELY HAZARDOUS

(O): USABLE WITH CAUTION

OVER

NOTE:
HEAVY LINES ON SIDES OF BASE LEGS IDENTIFY "B" QUADRANTS.

AIRPORTS LESS THAN 2500 FT. OR CLOSED, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

RADIO

NEW JERSEY

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
➔ ATLANTIC CITY NAS	275(142.74)	CN(GCA)	(3); 142.74 (8-sunset)
CALDWELL-WRIGHT	254 (126.18)	CI	(4);126.18,122.5 (830-sunset, Mon-Sat,9-sunset Sun)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 222°, 47.5	La Guardia, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. . - - -)	FM, 238°, 13	Newark
NEWARK	341(NK)(116.1)	SBRAZ-DTV;58°,1.0	(3); 116.1
Newark Airport	278(126.18,118.3)	AC(ILS-W)	(4); 122.5,126.18,118.3
TETERBORO (Bendix)	326	CI	3105,6210,3117.5;122.5

NEW YORK

➔ CLASON POINT LFM			DECOMMISSIONED
FLATBUSH	353 (F)	FMH, 222°,16.1	La Guardia
FLATBUSH FM	(- - -)	FM, 222°,16.1	La Guardia
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	388(142.74)	CN(GCA);122°,1.9	(3);142.74 (8-17)
➔ Floyd Bennett Fld NAS	532(NSC)	MH;122°,3.0	
GRUMMAN (Bethpage,L.I.)	323	CI	(8-1630,Mon.-Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°,2.3	
LA GUARDIA (New York)	209(LG)(116.1)	SBRAZ-DTXV;222°,3.2	(3);116.1
La Guardia Field	362(126.18 118.1,118.7	AC (ILS-W)	(4);126.18,118.1,118.7,122.5, & airline freqs.
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays)
➔ MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAZ-DT;301°,3.2	(3)
Mitchel Field	396(126.18) +	CA(ILS-W)(GCA)	(3);126.18(approach control)
➔ NEW YORK (La Guardia)			DECOMMISSIONED
NEW ROCHELLE FM	(-)	FM, 42°, 5.6	La Guardia
NEW ROCHELLE	275 (R)	FMH, 42°, 5.6	La Guardia
PORT CHESTER FM	(- -)	FM; 42°, 16.5	La Guardia
REPUBLIC FIELD(Farmingdale)	371	CI	(3) (days only)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5.0	Floyd Bennett

PENNSYLVANIA

PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.8	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LA GUARDIA	109.9	333.8	44°	IM- ••••• (0.04)	MM- •-•-• (0.81)	OM- --(4.49)
					MMH-233 --•-	OMH 317 •-•-
MITCHEL(L6)(A)	110.3	335	301°	IM- (0.04)	MM- ••••• (0.87)	OM- --(4.14)
					MMH-257 --	OMH-272 •--
NEWARK (L6)	110.3	335	58°	IM-	MM- •-•-• (0.61)	OM- -- (4.64)
					MMH-201 •----	OMH-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station-Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. (Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
➔ Aero-Marine Terminal (Keyport	1 NE;RR S			ABANDONED.
Acft.Radio Corporation (Boonton	2.6 N;riv S	550	32	Poles N,E.PRIVATE.
Asbury Park Air Terminal	4.5 W;rd N	100	21 S4	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	91,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N,E	100	20 S4	80 oct. Pole line NNE.No sto.
Clarke (Ocean City)	2.8 SW;RR SE	8	23	
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	
Downstown (Landisville)	1.8 WNW;RR S	120	23 S1	80 oct. Pole line N.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.Rnwy data unver.
(P) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.
Hackettstown	2 SSW;RR N	560	30 S2	73, 80 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80,91 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S4	91,100 oct.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.5 SE;lake NW	26	S4	80,91 oct. Data unver.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	40h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;rd E	180	30 S5	80 oct.
➔ Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto. Lgts prior req.
Murchio (Paterson)	1.5 WNW;rd N	350	32 S4	80 oct. Trees N.
(A) NEWARK	3.5 SSE;RR E	18	79h R3 (L6) S6	80,91,100 oct.JP-1.No sto.2-way rdo rqrd. FEE
North Brunswick	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.5 W;RR S	380	19	Poles N,S.
Ocean Co. (Adamston) (NC)	1 SW;riv N	14	21	Obsts sur fld.
Pennington	2 ESE;RR W	230	20 S6	80 oct.No sto.Pole line ESE.
Princeton	3 N;riv E	160	27	Pole line E,ESE.
Red Bank	1 S;RR E	80	25 S6	80,91 oct. Pole line W.
Shinn-Woodbridge (Woodbridge)	3.9 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;RR W	20	19	Pole line WNW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	50 L S6	80,91 oct. Data unver.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on req.Rnwy data unver.
Trenton (NC)	6 NE;RR 1 SE	70	15	Restricted to USFS.
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto.Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h	Obsts S.
(P) Woodbine	2 SE	39	25h	Trees sur fld. At jct of RRs.

NEW YORK

Bender's-Brentwood (Brentwood	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)(N)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. NATS
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	115	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
(P) Mastic Flight Strip	2.6 NW	66	40h	
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	90	54h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN CLEAR. STN.
Nassau (Hempstead) (NC)	4.5 E;hwy N	80	21	
Republic (Farmingdale)	1.3 ENE;RR N	85	66h R1 L5	NE blckd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.

PENNSYLVANIA

Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.

NEW AIRPORTS

Aviation Country Club (Hicksville)(N.Y.)	2 S;hwy S	104	24 S6	80,91 oct.
Nassau Arpk (Clarksville,N.J.)	1 NE;RR SE	80	30 S4	80 oct.
Toms River, (N.J.)	1.5 NNE		19 S2	80 oct.Water tanks S.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S servicing. (See page iv) NC (not charted). ➔ NEW OR REVISED DATA

● COMPULSORY REPORTING POINT
○ NON-COMPULSORT REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓓ: USABLE WITH CAUTION

ALBANY 51

TO BRANCHVILLE

ALLENTOWN 320

RED 33

RED 23

LAKE SUSQUEHANNA

TRINCA

LINCOLN PARK

AIRCRAFT RADIO CORP.

MURCHIO

PATTERSON

NEW HACKENSACK 236

NEW ROCHELLE 275

TO HARTFORD

PORT CHESTER 16

STEWART 236

RED 23

ALBANY 51

SALEM

CALDWELL-WRIGHT 254 KC 126.18 MC

TETERBORO 326 KC

YONKERS

LITTLE FERRY

NEW ROCHELLE 6

GLENCOVE

HACKETTSTOWN

E. HANOVER

MORRISTOWN

RED 21

LA GUARDIA 362 KC 118.1, 118.7, 126.18 MC

LA GUARDIA 209 (116.1)

AVIATION COUNTRY CLUB

HICKSVILLE

GRUMMAN 323 KC

CARLL

MACARTHUR 278 KC

MASTIC

SYRACUSE 49

NEWARK 341 (116.1)

NEWARK 278 KC 118.3, 126.18 MC

HOLMES 233

FLUSHING

GREAT NECK

ROOSEVELT

REPUBLIC 371 KC

ZAHNS

MASPETH 317

MITCHEL AAF 396 KC 126.18 MC

FITZMAURICE

C.A.

SOMERSET HILLS

LEBANON 32

WESTFIELD

ELIZABETH

FLATBUSH 16

COLUMBIA

IDLEWILD (W) 248

MITCHEL AAF 227

NW JERSEY

ALLENTOWN 320

SHINN-WOODBRIDGE

SOMERSET

FLATBUSH 353

ROCKAWAY

NEW YORK

CONEY ISLAND

ROCKAWAY 5

SOLBERG-HUNTERDON

HADLEY

HUGHES

STATEN IS.

MITCHEL

FLOYD BENNETT 379

NAS. FLOYD BENNETT 532

LONG BEACH

WASHINGTON 63

NO. BRUNSWICK

METUCHEN 13

PRINCETON

YELLOW BLUE

NAS. FLOYD BENNETT 388 KC 142.74 MC

AMBROSE

MATAWAN (W) (VHF) 108.7

PENNINGTON

RED BANK

MERCER CO.

NASSAU

FREEHOLD 48

MERCER CO. (OLD)

HIGHTSTOWN

ASBURY PARK

ASBURY PARK 20

OLD STAR

MORRISVILLE

SKYHAVEN

MONMOUTH CO.

PHILA. NE (W) 371

KAISER

BURLINGTON

LAKEWOOD

CASSVILLE 3

PHILADELPHIA 266

MT. HOLLY

FORT DIX AAB

NAS. LAKEHURST 3295 KC 142.74 MC

TOMS RIVER

MOORESTOWN

NAS. LAKEHURST 520

FORKED RIVER 15

MILLVILLE 365

FORKED RIVER

EXTENSIVE FLEET, AIR OPERATIONS IN OFF-SHORE AREA TO APPROX. 100 MI. SEAWARD. N. BOUND. U. S.-CANADIAN BORDER. S. BOUND. LAT. 35-00

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

REMAIN ABOVE 3000' NEAR LAKEHURST, ALSO BETWEEN THE NAS AND COAST (INTENSIVE AIRSHIP ACTIVITIES) UNLESS APPROVED BY THE NEW YORK CENTER

ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA

STATUTE & MILES

SOUTHERN NEW JERSEY

GREEN 5

MILLVILLE 365

N. Y. OCEANIC ATC

WASH. OCEANIC ATC

NAS. ATLANTIC CITY 275 KC 142.74 MC

DOWNSTOWN

CAVOLI'S

ATLANTIC CITY

WOODBINE

SMITH

WILDWOOD

CGAS. CAPE MAY

SCALE OF MILES

NEW YORK 67

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT;210°,4.7	(3);4220.126.18
Fairfield-Suisun AAF (Army)	272 (126.18)	CA(ILS-W)(GCA)	(3); 4220;126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ	
Hamilton Field	219 (126,18)+	CA; 160°, 2.1	(3);126.18.4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA	(3); 126.18
Mather Army (H fac.)	396 (DIM)	H	
McCLELLAN (Sacramento)	396 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV,199°,0.2	(4);116.1,122.1
SACRAMENTO	256(SZ)(116.1)	SBMRAZ-DTV	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);122.5
SALINAS	266 (SB)	MRLW , 310°,2.4	
SAN FRANCISCO	257 (SF)	SBMRLZ-DT,291°,3.6	(3)
SANTA ROSA NAAS (NC)	3295 (142.74)	CN	(3); 142.74 (req. only)
SAUSALITO FM	(- - - -)	FM, 317°, 17.5	Oakland
→ STOCKTON	212(TW)(vhf)	RMRL-DTV,285°,3.1	(4);116.1,132.1
SALINAS	106.1(SB)	VARW	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
FAIRFIELD-SUISUN (Q)(A)	110.3	335	210°	IM- (3.3)	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simgl. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3165, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.8, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
American Legion(Salinas)	1.8 NNW	75	31	CLOSED.White crosses mark ends landing areas.
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg (Clarksburg)	2.4 NNE,riv SE	15	25 S6	80 oct.No sto.Power line E.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.
Carmel Valley	12.5 ESE,riv S	450	28 S4	80 oct.No sto,
(N) Cotati OLF (N)	1.5 N,RR E	94	40h	Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	INACTIVE.
Dos Palos	1.6 S,RR W	146	29 S6	80,91 oct.No sto.Pole line S.
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.No sto.
↘ Fairfield-Suisun	1 E,RR N	7	30 S5	80 oct.Poles N,S.
(A) Fairfield-Suisun AAF (A)	5.5 NE	58	81h R3(L6)S4	73,100 oct.FOREIGN CLEAR STN.
(A) Franklin (A)	5.5 SSE; riv E	21	40h	CLOSED
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	16 S4	80 oct.No sto.
King City	1.5 NNE,RR W	360	46h S5	80,91 oct.
(P) Kingsbury (Lodi)	6 WSW; RR NE	15	40h	
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Lincoln (Sacramento)	3.2 WNW,RR NE	120	40h	
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.No sto.Poles E.
Lodi Airpark	4.5 SW,RR W	25	28 S6	80 oct. Hwy E.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE,RR W Hwy W	2	17 S4	80 oct.
Martinez	0.8 N,RR S	6	20 S6	80 oct.Hill WSW.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	87	75h R2 L5 S6	91,100 oct. No sto.
MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. Lgts prior req.
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L2 S1	80,91 oct.Lgts prior req
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior req.
→ Napa Sky Ranch (Napa)	2.2 NNW,RR W	75	20 S6	80, 91 oct. Hwy W Flares
(A) New Jerusalem(Tracy)(A)	8 ESE	56	40h	River E. CLOSED
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	20 S1	80 oct.Pole line WNW.
Orange Bros. (Stockton)	5 N	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	15 S4	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct. Pole line E.
(P) Salinas	2.5 SE,RR SW	84	50h L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E,RR W	96	24 S1	80 oct.
(P) Santa Rosa	See Sonoma Co. under "New Airports" - name changed.			
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h R1 L5 S4	91, 100 oct. No sto.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S5	80,91 oct.Port rnwy lgts.Pole line SE.
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct.
↘ State Forestry(Davis)(NC)	3 E,hwy N	228	26	Power line W.
(P) Stockton	4 SSE,RR W,SW	27	45h R1 L5 S6	80, 91, 100 oct.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW,RR E	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct.
Valley (Morgan Hill)	1.2 S,hwy E	540	17 S1	80 oct.Pwr pole SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW,bay W	125	17h	
West Lane(Stockton)	4.1 N,RR W	25	25 S1	73, 80 oct.
(A) Winters Flight Strip(Davis)	6.2 WNW,hwy W	97	60h	CLOSED (A)
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S4	80 oct.No sto.Port rnwy lgts.Poles E.

NEW AIRPORTS

Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
→ Santa Cruz Sky Park	5.3 N;hwy E		21h S2	80,91 oct.
Turlock, (Calif.)	4 WSW;RR N	100	18 S1	80 oct.
Turlock Arpk, (Calif.)	1.5 SSE;hwy E	95	15 S2	73,80 oct.
(P) Sonoma Co. (Calif.)	7 NW;RR E	118	45h L5 S6	80,91,100 oct.Lgts on req.

TEMP INACT NAVY

SAN FRANCISCO

ALL FACILITIES IN OAKLAND FLIGHT ADVISORY AREA

MEDFORD 19

TO DONNER SUMMIT

LAMPSON 36 S

HOBERG

YOLO FLYERS 34 S

WINTERS 60H

NORTON SKY RANCH

ALEXANDER VALLEY

WILLIAMS 326

BLUE 10

LINCOLN 40H

AUBURN 31 L S

AUBURN 39

McCLELLAN AAF-73 70H L S - 396 (126.18)

GREEN 3

SACRAMENTO-21 60H L S-278(126.18)

BRANSTETTER

UNIVERSITY

MATHER AAF 476

MATHER AAF-87 75H L S-201(126.18)

SONOMA CO. 45 H S

NAAS, SANTA ROSA 70 H L S

SANTA ROSA

JUSTMAN

FAIRFIELD-SUISUN AAF 248

AMBER 1

FAIRFIELD-SUISUN AAF-58 81H L S-272 (126.18)

NAPA SKY RANCH

COTATI OLF 40H

OAK VIEW

PETALUMA

NAPA CO. 53H S

FAIRFIELD-SUISUN 30 S

STAN'S AIRPK.

VALLEJO

CALIF. 16 D.A.

HAMILTON AAF 528

FRANKLIN 40H

SACRAMENTO 236 (116.1)

SKY RANCH 28 S

BORGES-CLARKSBURG 25 S

MOTHER LODE

LINDS 25 S

KINGSBURY 40H

MARTINEZ

ORANGE BRDS.

LODI

WEST LANE

HAMILTON AAF-(-2 80H L S-219 (126.18)

MARIN CO.

RED 46

GREEN 3

BAY POINT

RICHMOND

PETERS

245

STOCKTON 45 H L S

RED. 60

SAUSALITO 18

GOLDEN GATE

OAKLAND 335 (111.1, 116.1)

SUMMER HOME

STOCKTON 212 (111.1, 116.1)

FARALLON IS. 379

BOLINAS

SAN FRANCISCO 227

NEWARK 16

NEW JERUSALEM 40H

MODESTO 40H S

TO FRESNO

HALF MOON BAY 11

BELMONT 6

BLUE 7

AMBER 1

EVERGREEN 38

TURLOCK

TURLOCK ARPK.

NAAS, CROWS LANDING 70 H

GUSTINE

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

FOR DETAILS IN THE SAN FRANCISCO AREA SEE CHART 7|1

YELLOW BLUE

MORGAN HILL

LOS BANOS 32 S

DOS PALOS 29 S

VALLEY

SANTA CRUZ SKY PARK

WATSONVILLE NO.1 45H L S

AMBER 1

SALINAS (VHF) W-109.1

HOLLISTER

LOS BANOS 61

EAGLE

FRESNO 344

SANTA CRUZ

WATSONVILLE NO.2 17H

CALIF. 6 D.A.

HOLLISTER 44H L S

AMERICAN LEGION 31 S

SALINAS 266

MONTEREY PENINSULA 50H S

SALINAS-84 50H S

CARMEL VALLEY 28 S

YELLOW BLUE

KING CITY 46H S

AMBER 8

YELLOW BLUE

PASO ROBLES(VHF) V-108.7

CALIF. 15 D.A.

TO WHEELER RIDGE

TO SANTA BARBARA

FRESNO 73

SANTA BARBARA 71

123° 32' 35° 41'

123° 122° 30' 122° 121° 30' 121°

39° 120° 37'

38° 30'

38°

37° 30'

37°

36° 30'

36°

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT.

Ⓔ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

BOTH: HEAVY LINES OR BLOCK OF ALTITUDES LESS DENSITY "G" CHARACTER.

OBSTRUCTIONS LESS THAN 2000 FT. IN HEIGHT, MAYBE UNMARKED, UNLIGHTED AND NO LIGHTS. CHECK NO CLASS OR AIRPORT DIAL.

SCALE OF MILES

10 0 10 20 30

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°,1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C (ILS-W)	(4);126.18,118.5,122.5
BELMONT FM	(. - -)	FM; 107°, 5,8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS(Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
MT.VIEW(Navy)(Moffett NAS)	323 (NUC)	BMRLZ; 320°, 1.9	(3);126.18, 142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMH; 123°, 16	Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV	(4);116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4);126.18,118.7,122.5
PASO ROBLES	(108.7) (OB)	VARW	
POINT MUGU NAF	3295(142.74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227 (SF)	SBMRLZ-DT	(3)
→ San Francisco Airport	269(126.18,118.9)	AC;291°,3.6	(4);126.18,118.9,122.5
SAN FRANCISCO GAP	356 (F)	MH; 285°,10.0	San Francisco
SANTA BARBARA	320(OY)(116.1)	BMRLZ-DTV	(4);126.18,142.74,116.1
SANTA BARBARA	(108.3) (OY)	VARW	
Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,122.5 (6-19)
SAUSALITO FM	(- - - -)	FM; 278°, 17.5	Oakland

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- • — • — (0.62)	OM- — — (4.71)
					MMK-	OMK-
OAKLAND	109.9	333.8	274°	IM- ••••• (0.13)	MM-	OM- — — (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

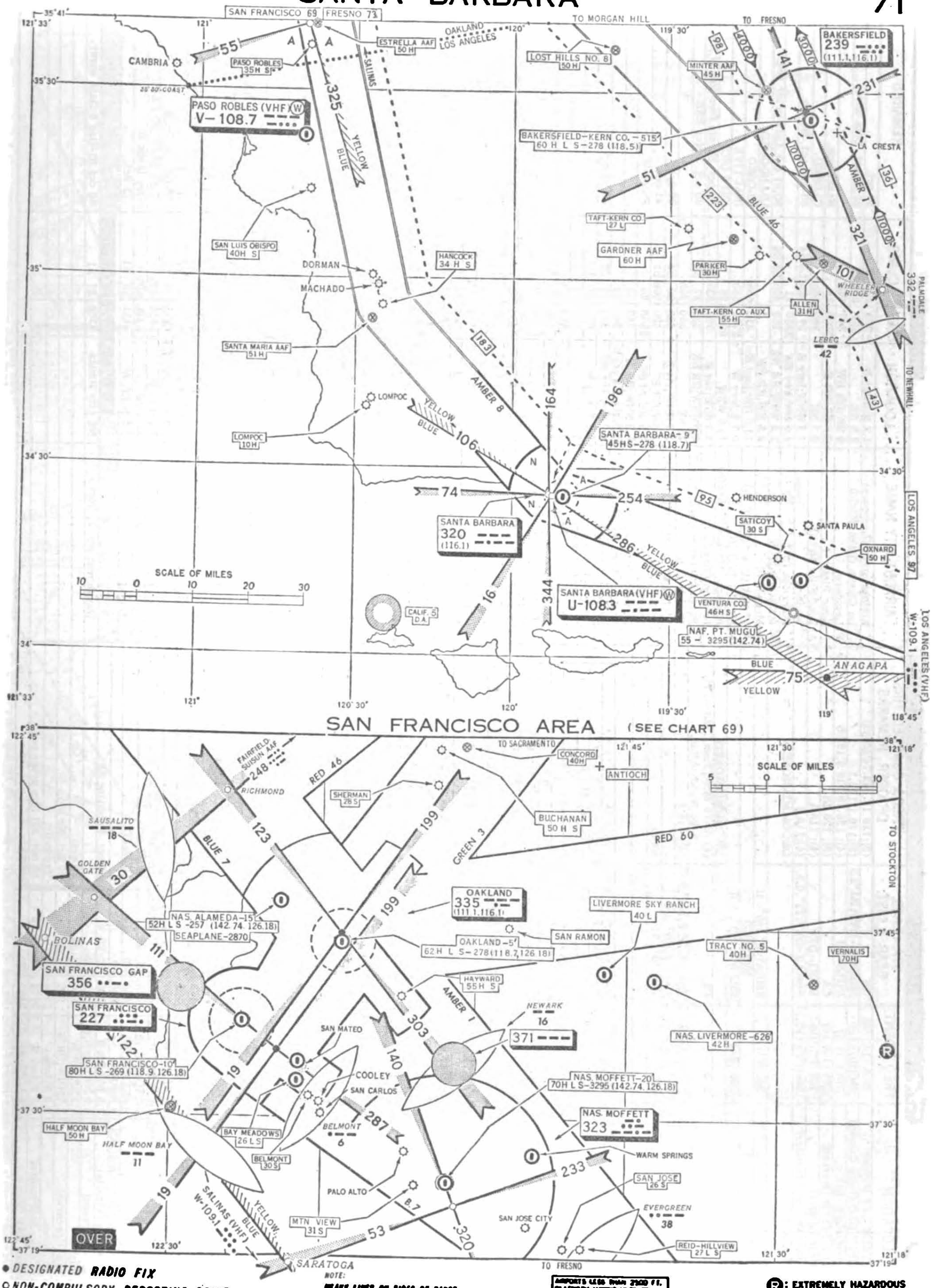
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto. NATS
(A) Allen (Taft) (A)	26 ESE	500	31h	CLOSED
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 L5 S6	80 oct.No bcn,P-line N.Lgts avail. 1 hr after dark.
Belmont	0.5 N,RR W	5	30 S4	73,80 oct.No sto.Bay E.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
Concord	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	See Buchanan,Calif. under "New Arpts"-name changed			
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft) AAF (A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW,hwy NE	36	50h	CLOSED Lgts prior req.
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W
(P) Hayward	2 WSW,RR W	25	55h L5 S6	80,91 oct.No sto.Fld lgts prior req.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct.Data unver.
(N) Livermore NAS (N)	3.7 E,RR N	626	42h	INACTIVE.
(N) Livermore Sky Ranch	2 WNW,hwy E	448	40 L2	
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	CLOSED

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	70h R2 (L5) S4	91.100 oct.No sto. NATS
Mountain View	2.2 NW,RR W	57	31 S6	73 oct.
(N) Oakland (NAS)	5 S,RR SE	5	62h R3 L6 S6	73,80,91,100 oct. 2-way rdo req.NATS
(P) Oxnard Flight Strip	5.5 E,RR S	84	50h	(Hospital)
Palo Alto	2 ENE,bay E	5	23 L S6	73,80 oct.Port.rnwy lgts.Poles S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct. Naval Air Missile
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED Test Center
→ Reid-Hillview (San Jose)	4 E,hwy N	140	27 L3 S6	80,91 oct.No sto.or bcn.Poles N,S.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	80h R2 L5 S1	80,100 oct.No sto.Rdo req.
San Jose City (San Jose)	2 NW;RR SW	70	18 S6	91 oct.No sto.Pwr line S.
(P) San Luis Obispo	2 SSE;hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W.
San Ramon	2.5 SE;RR adj E	440	25 S2	80,91 oct.
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S,obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	
Santa Paula	0.8 S;riv S	240	22 L S6	80 oct.Port.strip lgts prior req.
Saticoy	1.5 S;RR N	80	30 S1	80,91 oct.No sto.Trees NE.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
(P) Tracy #5	3.6 S	190	40h	
Ventura County (Oxnard)	1 W;hwy E	44	46h L S6	80,91 oct.Flares prior req.
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	29 S6	91,80 oct.No sto.
NEW AIRPORTS				
Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
Cooley (San Carlos)	2.9 NNW;RR S	6	21 S6	80,91 oct. Hwy SW.
Machado (Santa Maria)	2.2 N;RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E; road SW	125	26 S4	91 oct.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Buchanan (Concord,Calif.)	1.5 NW;hwy N,S	22	50h L S6	80,91 oct. Port lgts. Lgts prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → New or revised data

SANTA BARBARA



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "B" BOUNDARIES.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT SYM.

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

RADIO

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE OLF (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°,1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C(ILS-W)	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116.1
FRESNO (Fresno-Chandler)	344(FT)(116.1)	SBRAZ-DTV;23°,0.9	(4);116.1
→ MOJAVE NAS			DECOMMISSIONED
TRONA	323 (EW)	SMRAWZ, 349°, 11	

NEVADA

FALLON (NAS)	230 (VA)	SRAWZ; 219°, 2.9	
→ GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4) (8-16 Mon,Tues,Thurs,Fri; 5-20 Wed,Sat,Sun.)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SRAWZ;168°,2.6	
WADSWORTH FM	(-)	FM, 48°, 27	Reno.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER INNER & MILEAGE (PLUS COMPASS LOCATORS)		
→ BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- •— •— (0.62)	OM- —— (4.71)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (D)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 148.98 mcs.

AIRPORTS

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	
Amargosa (Death Valley Jct.)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
(N) Armitage OLF (Inyokern)(N)	8 ENE	2218	90h R1 L5 S1	CLOSED
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
Boston Land Co.(Westhaven)	1.7 SSW;hwy N	300	31	(NC)
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1.
Coalinga	1.5 N;hwy E	664	56h S4	80,91 oct.Hill N,W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;rd S	220	19 S4	73,80 oct. No sto.Poles N,NW,SE.
Cornell (Porterville) (NC)	2.4 SSW;RR E	470	26	Poles SE.
Death Valley (Furnace Creek)	1 WNW	-178	40 S2	80,91 oct.Data unver.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
(P) Delano	1.5 SE;RR W	315	60h	
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct.No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	33 S6	80 oct. Pole line SE.
(P) Hammer (Fresno)	4.8 NE;rds N,E	331	71h	
Hanford	1.2 SE;RR W	246	20 S4	80 oct.
Harvey (Corcoran)	2.7 NNW;RR W	200	27 S4	80 oct. No sto.
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h	NATS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S2	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
→ (P) Lemoore	9 SW;RR NW	247	48h	
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80-100 oct. No sto.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Lgts prior req.
→ Merced #1	2.5 NW;RR SW			ABANDONED
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	410	45h	CLOSED.
(N) Mojave NAS (N)	0.7 E;hwy W	2751	59h	INACTIVE
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;riv E	194	23 S4	80 oct. No sto.Pwr line N,NW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S2	80 oct.
(P) Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W.
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
★ Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	21	Mtns - timber 2000' NE.Closed to Public
(P) Visalia	.5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW.Closed to Public
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.

NEVADA

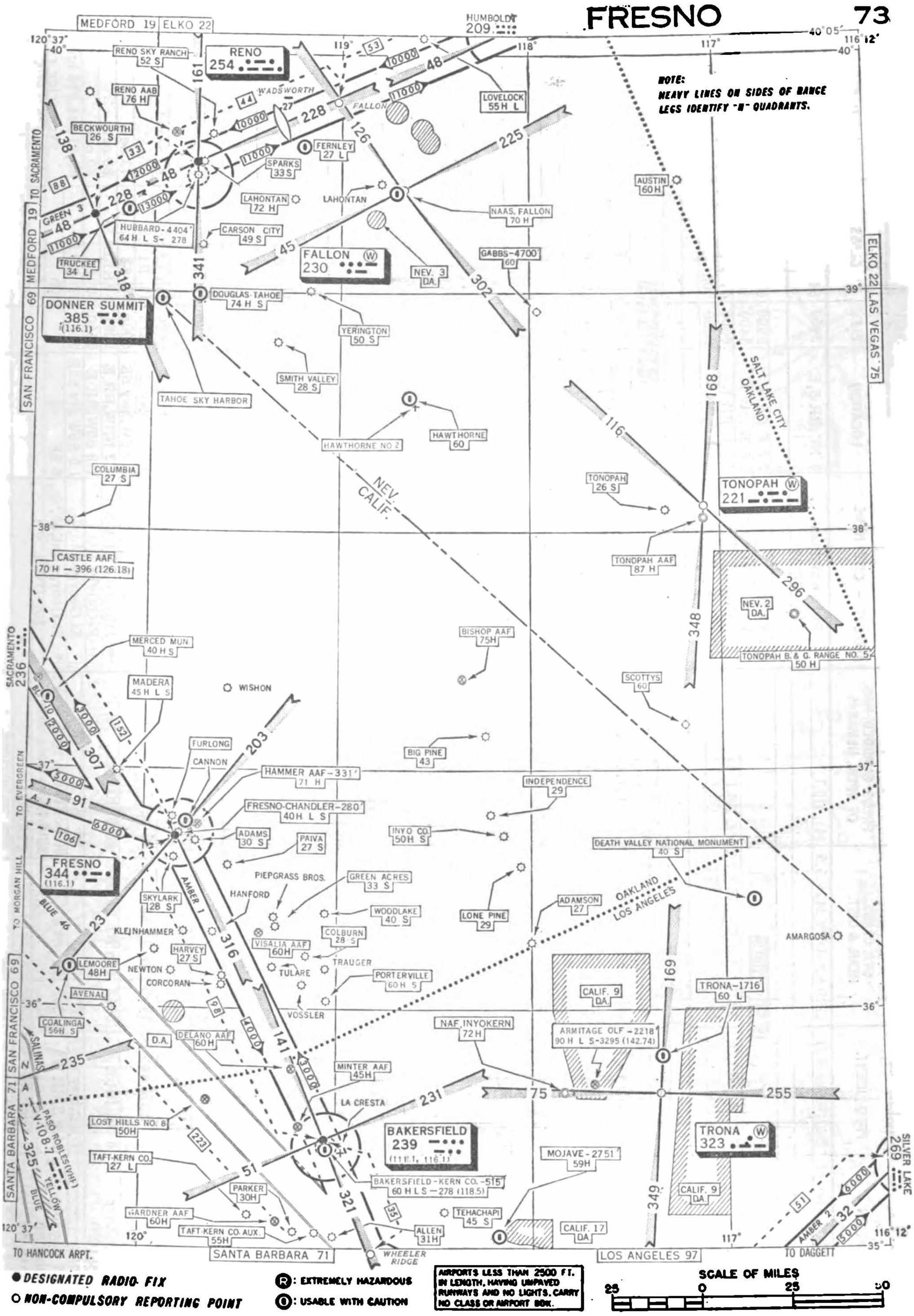
Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h S6	73 oct.
★ Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
→ (N) Fallon NAAS	6 SE;hwy S	3931	70h	CLOSED
★ Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	64h R2 L5 S4	80,91,100 oct.
Lahontan (Fallon)	1.4 SSW;hwy N	3980	24 S4	80 oct. Poles ENE,WSW.Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	40	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
★ Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tahoe Sky Harbor (Genoa)	6 WSW;RR N	6230	42 S1	80 oct.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;RR W	4483	50 S1	73 oct.

NEW AIRPORTS

Hawthorne No. 2, (Nev.)	NE city limits	4200	27 S1	80 oct.Hi-line S.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA

FRESNO



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BDR.

SCALE OF MILES

25 0 25 50

LAS VEGAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-DTV,142°,5.5	(4), 116.1
CALIFORNIA			
NEEDLES	400(NJ)(116.1)	BMRLZ-DTV,195°,2.2	(4), 116.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-DTV,132°,1.9	(4), 116.1
NEVADA			
CRYSTAL FM	(-)	FM; 28°,30	Las Vegas
GOODSPRINGS FM	(- - -)	FM; 203°,33	Las Vegas
LAS VEGAS	206(LQ)(vhf)	SBMRAZ-DTV;34°,1.9	(3);116,1,122.1
Las Vegas AAF	278(126.18,118.7)+	C (ILS-W)	(4):118.7,126.18,122.5 (8-midnite)
UTAH			
BRYCE CANYON (Int.)	108.3(BV)(vhf)	BVAR-DPTV;35°,0.8	3117.5,131.7,116.1, 129.7 cont.(3)req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-VDT,20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-VT,20°,1	(4), 116.1
ST.GEORGE	108.7(GX)(vhf)	BVAR-DPV;229°,7.8	3117.5;116.1,129.7, 122,1 cont.(3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM: 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LAS VEGAS AAF	110.3	335	25°	IM	MM ·--(0.66)	OM -- (4.2)	
					MMK	OMK	

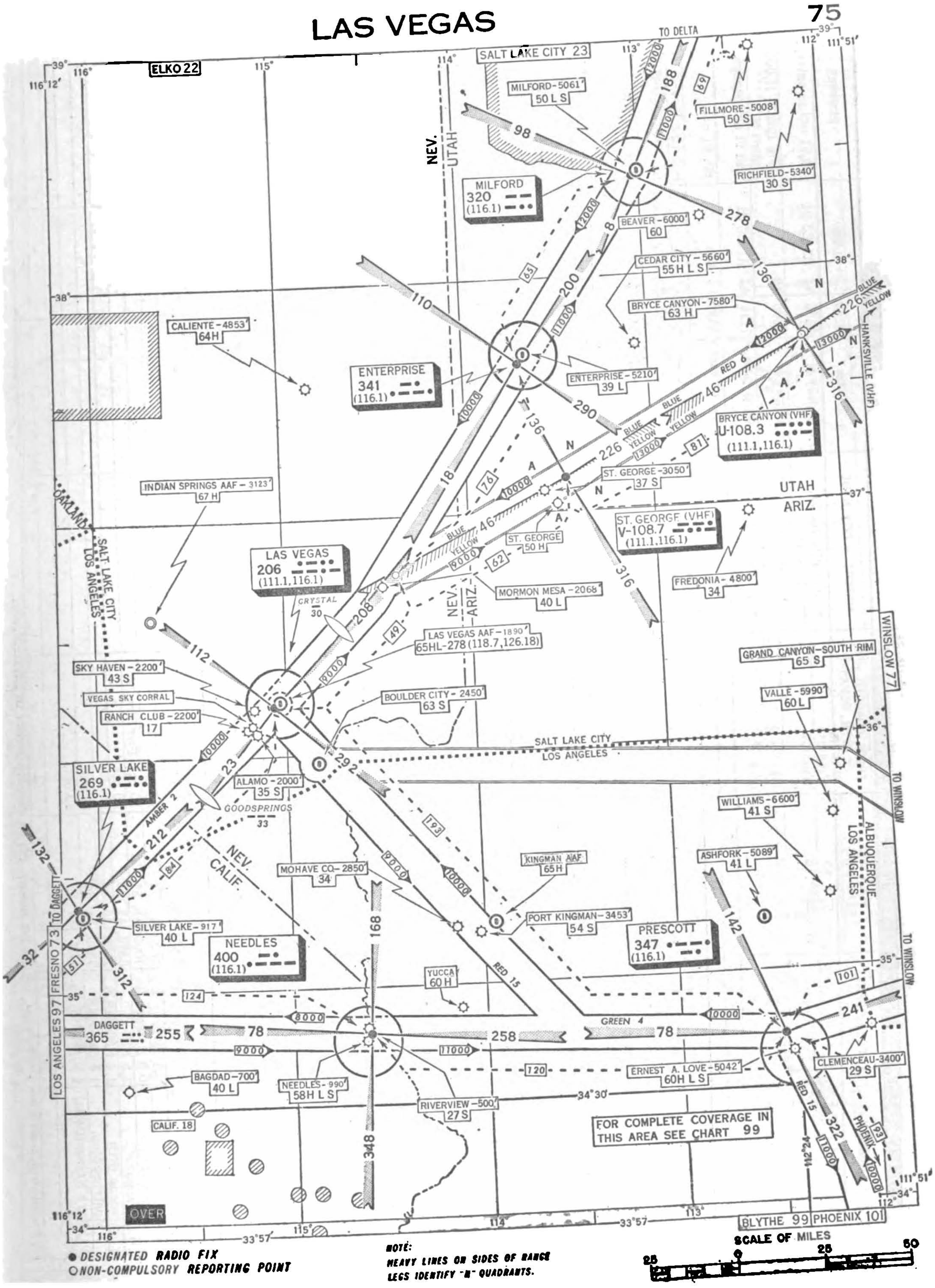
S-Stead. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4405, 6210 kcs; (4)-3105, 4405, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 157.85, 169.58 mcs.

AIRPORTS — ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-AQ	4.3 W,RR S	5089	41 L3	
(P)Clemenceau (Cottonwood)	1.7 SSW,hwy NE	3400	29 L1 S4	73 oct.
(P)Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14.8 S,RR W	6362	65 S4	80 oct.Trees ENE,WNW, SSW.Rnwy data unver.
(A)Kingman AAF(A)	8.5 NE,hwy NW	3446	65h	CLOSED
Mohave Co.(Kingman)	6.5 NW,hwy E	2850	34	Not maintained.
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S1	80,91 oct.All lgts prior req.
(P) Valle	2.3 E RR W	5990	60 L3	Fld lgts prior req.
Verde Valley(NC)	1.8 SE,riv W	3400	30	(Cottonwood)
Williams	4.3 N,RR E	6600	41 S6	80 oct.Mts SW.
(P)Yucca	1.5 NE,RR W	2030	60h	
CALIFORNIA				
* Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
Needles	5.5 S,hwy E	990	58h R1 L3	
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE
* Silver Lake Int,18, LA-SL	2.5 SSE,RR E	917	40 R1 L3	Rnwy data unverif.
NEVADA				
→ Alamo (Las Vegas)	5.5 SSW,RR SW	2000	50 S4	73,80,91 oct.
BOULDER CITY	1.8 SW,RR W	2450	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
(A) Las Vegas AAF(A)	7.8 NE,hwy NW	1890	65h R3 L6	TEMP INACT. NO FACS.
* Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	0.7 W,hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	5.5 SW,RR E	2200	17	Mts WSW,ENE,E.
Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)
UTAH				
Beaver	3.2 SSW,hwy E	6000	60	
* Bryce Canyon Int, 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
Cedar City	2.3 NW,hwy W	5660	55h L5 S6	80,91 oct.
* Enterprise Int,39	8 NNE,hwy N	5210	39 R1 L3	LA-SL
Fillmore	2 WSW,hwy SE	5008	50 S2	73 oct.
→ Milford,45,LA-SL	2.3 NNW,RR E	5061	50 R1 L3 S1	80 oct.
Richfield	1.8 SSW,RR E	5340	30 S4	80 oct.
St.George	1.5 SSW,riv SSE	3050	37 L2 S6	80,91 oct.Fld lgts & svcg prior req.
* St.George Int,36, LA-DV	6 SE		50h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC (not charted). → NEW OR REVISED DATA

LAS VEGAS



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS.

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-DTV	(4), 116.1
→ Winslow Airport			DECOMMISSIONED
NEW MEXICO			
→ ACOMITA (Int.)	371(AK)(116.1)	BMLZ-DTV,254°,1.9	(4);116.1,122.1
→ EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-DTV,78°.0.1	(4);116.1,122.1
UTAH			
HANKSVILLE Int	109.1(HY)(vhf) (116.1)	BVAR-DPV;314°,2.8	(3) on req,3117.5;116.1, 129.7,122.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 9117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.4 NE;hwy W	4200	50	
★ Deep Lake Int,54A, LA-AQ	1.5 W;hwy E	6070	40 L3	Poles S.
Holbrook	2.2 NNE;RR SE	5200	48 S6	80 oct.
★ " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L3	
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S1	Ltd 80 oct.Hills SW
Saunders, Harry A. (St. Johns)	1.1 NNW,hwy S	5560	48 S2	80 oct.25' poles NE
Window Rock(NC)	0.8 SSW;rd N	6800	52	Bluffs ENE,NNE
(P) WINSLOW	2 SW;RR N	4937	75h R1 L5 S1	91 oct.

COLORADO

(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
Montrose Mun.	1.3 S,RR NE	5800	33 S4	80 oct.
(P) Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.

NEW MEXICO

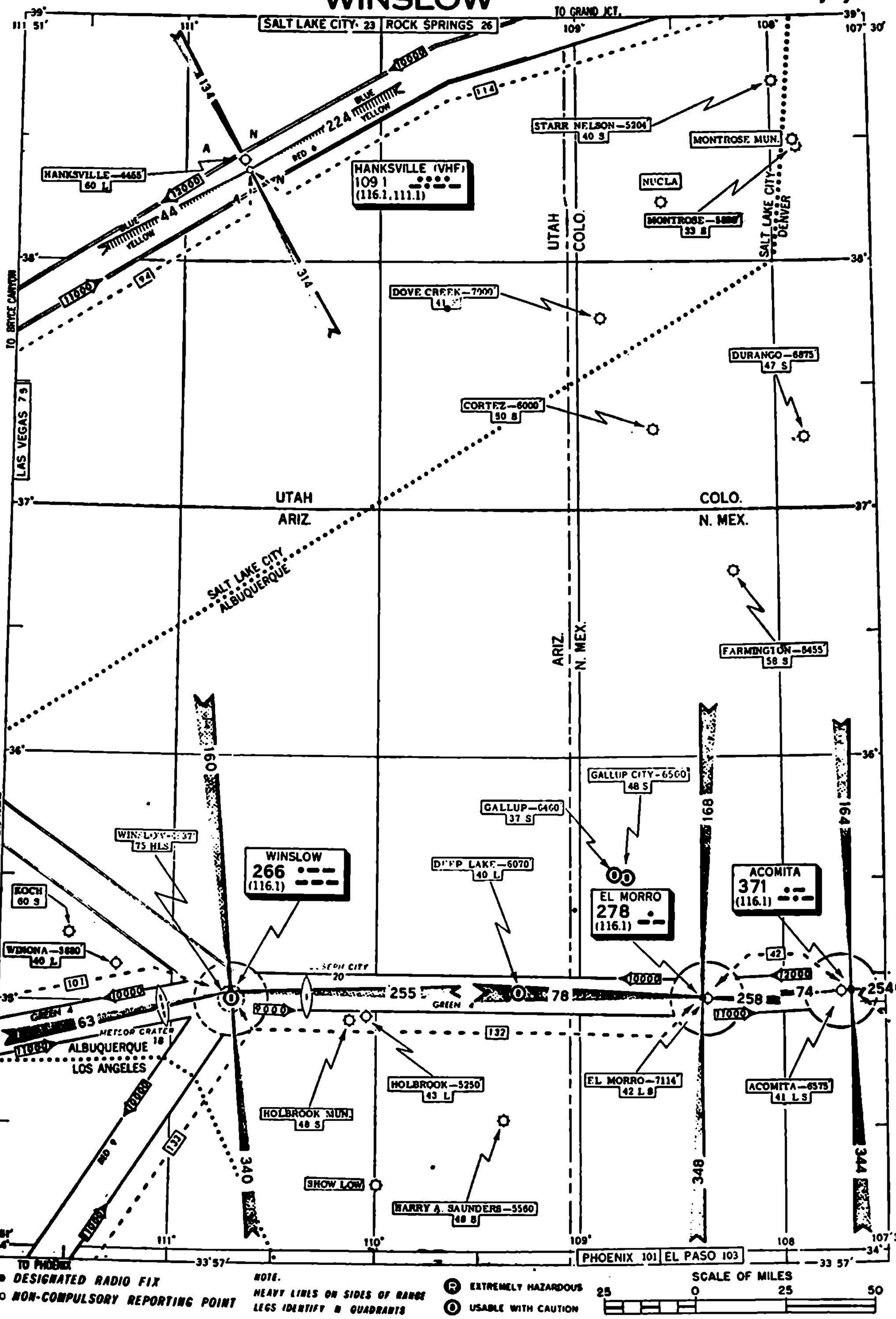
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ → Acomita Int,63, LA-AQ	7.8 W;hwy N	6575	41 R1 L3 S1	80,91 oct.in emerg.
Cubero (NC)	2.4 W;hwy S	6200	30	Pole line S. 11,000' mtns N.
★ El Morro Int,59B, LA-AQ	4.5 WSW;lake NW	7114	42 R1 L3 S1	Ltd 91 oct. Rough.
Farmington	1.4 NW on mesa	5495	65 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Poleline SSW
Gallup City	2.6 WSW;RR N	6500	48 S4	80 oct Poleline WSW
Indian Service (Shiprock) (NC)	1.8 SSW;riv N	5100	19	Pole line NW
UTAH				
★ Hanksville Int,54, LA-DV	4 NE	4455	60 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post)(NC)	0.5 N hwy E	5284	30	

NEW AIRPORTS

Montrose, (Colo.)	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla, (Colo.)	2.3 SSW;riv S	5910	36	
Aztec, (N.M.) (NC)	2.2 NW on mesa	5700	28	Emerg only.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) (NC) Not charted. → NEW OR REVISED DATA.

WINSLOW



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R QUADRANTS

Ⓡ EXTREMELY HAZARDOUS

Ⓞ USABLE WITH CAUTION

SCALE OF MILES
25 0 25 50

ALBUQUERQUE

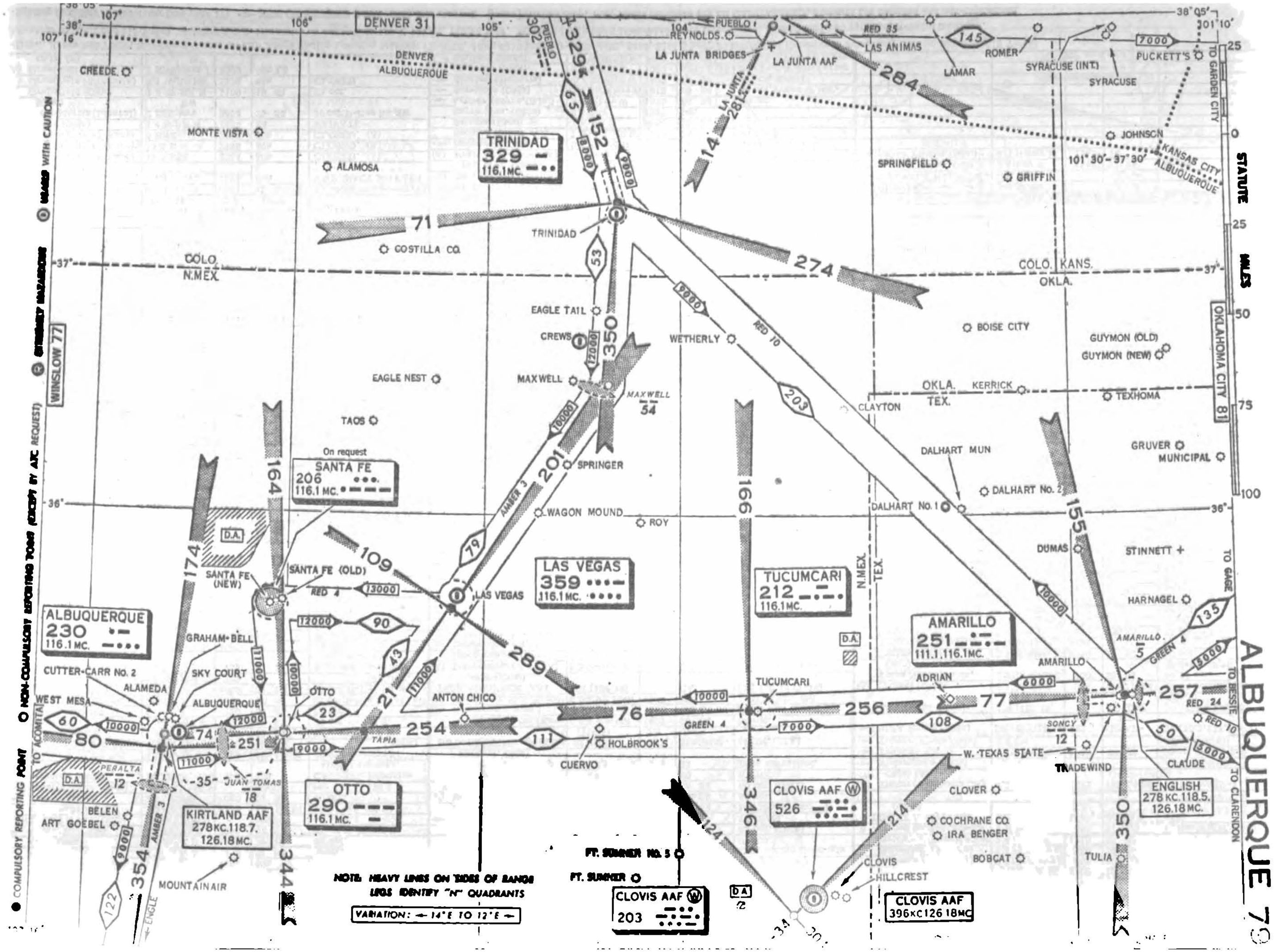
FACILITY	FREQ., IDENT. / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
★ Adrian Int,92B,LA-AQ	4.2 SSE;RR N	4136	37 L3	(Texas)
Alameda (Albuquerque)	7.4 N;RR E	5400	37	(N.M.)
Alamosa (Colo)	2 S;hwy W	7550	58 L3 S4	80 oct.Fld lgts prior
ALBUQUERQUE Range (Kirtland)(N.M.)	230(AB)(vhf)	354°,3.1	SBRAZ-DTV	(3);116.1,122.1 req.
Albuquerque (N.M)	6.3 ESE;hwy N	5429	62	RFC surplus acft fld.
AMARILLO Range (Tex) (English)	251(AQ)(vhf)	77°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
Amarillo (Tex)	6 ENE;RR NW	3676	15h S6	73 oct.P-line N,S.
★ Anton Chico Int,78A,LA-AQ	4.5 SE;hwy E	5281	43 L3	(N.M)
Art Goebel (Belen,N.M.)	3.2 W;RR E	5100	39 S1	80,91 oct.
Belen Air Strip (N.M.)	2.7 N; RR E	5000	30 S1	73 oct.
Bobcat (Dimmit,Tex)	1.5 E;RR W	3850	33 S2	73 oct.
Boise City (Okla)	3 N;hwy W	4200	33	
Clayton (N.M.)	1.5 E;RR S	5050	63 S2	73 oct.
Claude (Tex)	1.2 WNW;RR N	3410	32 S1	73 oct.P-line S,N,NW.
Clover (Hereford, Tex)	2.2 NNE;hwy S	3800	28 S2	73 oct.P-line N,E,SE.
CLOVIS Army Range (N.M.)	203 (DCV)	34°,6.2	MRAWZ	(3)
→ CLOVIS H Fac. (N.M.)	526(DCV)	130°,1.6	HW-DT	
CLOVIS AAF Tower (N.M.)	396 (126.18)		CA	(3); 126.18
(A) Clovis AAF (N.M.)(A)	6.5 W;RR N	4300	100h L5 S6	73,91,100 oct.
Clovis (N.M.)	0.8 NW;RR S	4247	26	
Cochran Co.(Morton,Tex)	1.5 E;rd W	3750	30	P-line E,S.
Costilla Co.(Mesita,Colo)	4 E;RR W	7750	75	
Creede (Colo)	2 SSE;hwy NW	8800	50 S2	No fuel.Rough off strips
(P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	60h L2	(N.M.) Data unver
★ Cuero Int,81B,LA-AQ(N.M)	5 N	4734	40 L3	Poles W,lgtd.
Cutter-Carr #2 (Albuquerque, N.M.)	3.6 NE;RR W	5120	46	P-line ENE
→ Dalhart (Tex)	6.2 SSE;RR E	..		ABANDONED
Dalhart Mun. (Tex)	3.8 SSW;RR N	3989	49h	
(A) Dalhart #1 (Tex) (A)	9.7 WSW;RR E	4096	81h	CLOSED-NOT MAINT.
→ (A) Dalhart #2 (Tex) (A)	5.5 NE;hwy NW	3974	80h	CLOSED-NOT MAINT.
(P) Dumas (Tex)	0.7 S;hwy W	3649	30 L S2	73 oct.Poles N.Flood
Eagle Nest Landing Strip (N.M.)	1 NE	8450	40	11,000'mts NE. lgts. Use in emerg.
ENGLISH Tower (Tex)	278 (118.5, 126.18)		AC (ILS)	(4); 126.18,118.5, 122.5
(A) English (Amarillo,Tex)	9 ENE;RR N	3602	50h L6 S6	80, 91 oct.;100 oct. Army.P-line N,NW.
→ (P) Ft. Sumner (N.M.)	1.5 NNE;RR S	4166	60h	
Ft. Sumner #5 (N.M.)	16 ENE	4830	60h	
Graham-Bell (Albuqu'que)	4.5 ENE	5400	27 S6	73,91 oct. (N.M.)
Griffin (Walsh, Colo)	0.7 N;RR S	3950	26 S6	80 oct.Poles S.
Gruver (Tex)	0.7 WNW;RR E	3200	40 S1	80 oct.P-line W,E,SE,
(P) Guymon (new)(Okla)	3 SW;hwy N	3140	34 S6	80 oct. P-line N, SW. E
→ Guymon (Okla)	0.7 S;RR W	3130	21	CLOSED
(P) Hale Co.(Plainview,Tex)	1.6 S;hwy E	3370	37 S6	80, 91 oct.
Harnagel (Borger,Tex)	2.5 SSW;RR N	3140	25 S2	80 oct.Use strips.RR E
Hillcrest (Clovis, N.M.)	2.1 E;RR S	4244	36 S4	73 oct.No sto.P-line S.
Holbrook's (Cuervo,N.M.)	0.8 NE;RR S	4810	19	300' mtn SE.P-line SSE.
Ira Benger (Friona,Tex)	1.8 NE;RR S	4000	28 S2	73 oct.
Johnson (Kans)	0.5 N;hwy W	3330	28 S6	80 oct.P-line N,NW,NE,
Kerrick (Tex)	1.5 N;RR SW	3850	19 S1	80 oct.P-line SW. S.
KIRTLAND Tower (N.M.)	278 (126.18, 118.7)+		AC (ILS)	(4); 126.18, 118.7, 122.5
(A) [Kirtland](Albuquerque, N.M.) (A)	3.8 SSE;rd N	5330	103h L6 S6	73,91,100 oct. JP-1 No. sto.Twrs on fld.
(A) La Junta AAF (Colo) (A)	4.4 NNE;rd W	4262	80h	TMP INACT.NO FACS.
La Junta Bridges (Colo)	3 SW;hwy W	4140	30 S1	80 oct.Data unver.
(P) Lamar,10,PU-WD (Colo)	3.7 WSW;RR N	3673	42 L3 S2	80 oct.
Las Animas (Colo)	1.4 S;RR N	3900	28 S4	80 oct. Poles W.
LAS VEGAS Range (N.M.)	359(VH)(116.1)	8°, 3.2	SBMRAZ-DTV	(4);116.1,122.1
[Las Vegas] (N.M.)	6 NE;RR W	6857	64h L5 S6	80, 91 oct.
Maxwell (N.M.)	1.7 N;hwy E	6000	36	
Monte Vista (Colo)	3.5 W;RR N	7710	55 S4	80 oct.
Mountainair (N.M.)	1.1 NNE;RR S	6600	28	P-line N
Muleshoe (Tex)	1 ENE;hwy N	3800	42 S1	73 oct.
Municipal (Spearman,Tex)	0.8 NW;RR SE	3104	30	P-line SW.
OTTO Range (N.M.)	290(OT)(116.1)	74°,0.2	BMRLZ-DTV	(4);116.1,122.1
★ Otto Int,74,LA-AQ (N.M.)	5.8 N Moriarty	6226	41 L3 S1	Ltd 80, 91 oct.
Puckett's com.(Lakin,Kans)	3.5 S;riv N,NW	3050	26 S1	Ltd 80 oct.Trees N
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	P-line NE. (Colo)
Romer (Holly, Colo)	1.5 SSE;riv N	3360	29 S1	Ltd 80 oct.P-line SW,NW
→ Roy (N.M.)	1.5 N;RR W	5900	26	PRIVATE, Post NE,
SANTA FE H Fac. (N.M.)	206(SJ)(116.1)		MHTV	(4);116.1,122.1
[Santa Fe] (new)(N.M.)	9.8 WSW; hwy SE •	6308	63h L5 S1	91 oct.airlines.Poles E Rnwy lgts on req.
Santa Fe (old)(N.M.)	6.3 SW;hwy E	6550	45h S6	73,80 oct.;91 oct.emerg
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct.No sto. (N.M.)
Springfield,Com.(Colo)	3.8 N;hwy W	4350	34 S1	73 oct.Poles NW,W,SW
Stinnett (Tex)	0.6 NNE;RR E		30 •	Data unver.
Syracuse (Kans)	1 N;riv S	3320	36 S2	80 oct.P-line S,SE.
★ Syracuse Int,16,PU-WD	3.7 NNE;hwy W	3410	46 L3	(Kans.)
Taos (N.M.)	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW
Texhoma (Tex)	1 SSW;RR N	3460	30 S2	73,91 oct.P-line N.
Tradewind (Amarillo,Tex)	1.5 SE	3636	30 S6	Data unver.
TRINIDAD Range (Colo)	329(TD)(116.1)	170°,3.0	SBMRAZ-DTV	(4); 116.1
Trinidad (Colo)	10.5 ENE	5756	34h L1 S2	80 oct.Use rnwys only
TUCUMCARI Range (N.M.)	212(TC)(116.1)	76°,2.2	SBMRAZ-DTV	(4);116.1,122.1 Hwy E.
Tucumcari (N.M.)	7 E;hwy,RR S	4064	51h L5 S6	80,91,100 oct.
(P) Tulia (Tex)	1.5 NNW;RR W	3500	32 S1	80 oct.P-line NE,E,SE
Wagon Mound (N.M.)	0.6 WNW;RR E	6500	21	Fence N;mtns SE,W.
West Mesa (Albuquerque)	3.8 W;hwy S	5100	60 S6	73,80 oct. (N.M.)
West Texas State (Canyon)	3 N;hwy E	3686	42 S6	73 oct.20'poles SE.(Tex)

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ENGLISH	110.3	335	209°	IM-	MM- ·—·— (0.62)	OM- ——(5.92)
					MMH-	OMH- 293 —··—
KIRTLAND	110.3	335	349°	IM-	MM- ·—·— (0.66)	OM- ——(4.32)
					MMH-	OMH-248 ——·—

NEW FACILITIES

S-Simul. Range and Voice W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice (vhf)-voice on 116.1 and 111.1 mcs +Army A C S transmits on and guards 116.1, 137.68, 140.58 mcs *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED Airports are indented and non-capitalised


DENVER 31
DENVER
ALBUQUERQUE
CREEDE
MONTE VISTA
ALAMOSA
TRINIDAD
329
116.1MC.
COSTILLA CO.
COLO.
N.MEX.
WINSLOW 77
EAGLE TAIL
CREWS
EAGLE NEST
TAOS
MAXWELL
MAXWELL
54
SPRINGER
WAGON MOUND
ROY
On request
SANTA FE
206
116.1 MC.
SANTA FE (OLD)
SANTA FE (NEW)
LAS VEGAS
359
116.1 MC.
ALBUQUERQUE
230
116.1 MC.
GRAHAM-BELL
SKY COURT
CUTTER-CARR No. 2
ALAMEDA
WEST MESA
ALBUQUERQUE
OTTO
ANTON CHICO
TAPIA
OTTO
290
116.1 MC.
KIRTLAND AAF
278 KC. 118.7.
126.18 MC.
PERALTA
BELEN
ART GOEBEL
MOUNTAIN AIR
ENGLE
TO ACOMITA
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (REPORT BY ATC REQUEST)
HAZARDS WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: — 14°E TO 12°E —
FT. SUMNER No. 3
FT. SUMNER
CLOVIS AAF
203
CLOVIS AAF
526
CLOVIS AAF
396 KC 126.18 MC
CLOVIS
HILLCREST
CLOVER
COCHRANE CO.
IRA BENGER
BOBCAT
TULIA
TUCUMCARI
212
116.1 MC.
N.MEX.
TEX.
TUCUMCARI
AMARILLO
251
111.1, 116.1 MC.
AMARILLO
ADRIAN
SONCY
TRADEWIND
W. TEXAS STATE
HOLBROOK'S
CUERVO
ENGLISH
278 KC. 118.5.
126.18 MC.
CLAUDE
TO CLARENDON
HARNAGEL
STINNETT
DUMAS
DALHART No. 2
DALHART No. 1
DALHART MUN
GRUVER
MUNICIPAL
TEXHOMA
KERRICK
OKLA.
TEX.
CLAYTON
BOISE CITY
GUYMON (OLD)
GUYMON (NEW)
OKLA.
COLO. KANS.
OKLAHOMA CITY 81
SPRINGFIELD
GRIFFIN
JOHNSON
KANSAS CITY
ALBUQUERQUE
101° 30' - 37° 30'
SYRACUSE (INT.)
SYRACUSE
PUCKETT'S
TO GARDEN CITY
ROMER
LAMAR
LAS ANIMAS
RED 35
LA JUNTA AAF
LA JUNTA
LA JUNTA BRIDGES
REYNOLDS
PUEBLO
TO GAGE
TO BESSIE
STATUTE MILES
ALBUQUERQUE 79

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(P) Ada (Okla)	2 N;RR SW	1008	50h S1	
(A) Altus AAF (Okla) (A)	3.4 ENE;hwy S	1368	60h	CLOSED.
Altus Mun. (Okla)	4.2 N;RR W	1426	31 S6	80 oct. P-line SW,W,NW.
Alva (Okla)	1.4 S;RR N	1320	26 S6	80 oct.
Anadarko (Okla)	1.5 SW;RR E	1260	26 S6	80 oct. P-line N,E.
ANTHONY H Fac. (Okla)	382(AY)(116.1)		MHTV	(4); 116.1
(P) Anthony, 24, AQ-KC	3 WNW;hwy S	1339	48 L3 S6	73,91 oct. (Okla)
Antlers (Okla)	2.8 S;RR E	640	22 S2	80 oct.
ARDMORE H Fac. (Okla)	400(AT)(116.1)		MHTV	(4); 116.1, 122.1
Ardmore (Okla)	11.2 NNE;riv E	758	73h	CAUTION: Intensive airline training.
Ardmore, 10, FV-WD	9.2 N;hwy E	875	40h L3 S6	80,91 oct. Poles E.
Arlie Int, 9, AQ-FV (Tex)	3.8 SW;hwy SE	1770	42 L3	(Okla)
Ashland (Kans)	1 E;RR S	1940	32 S2	80 oct. Poles S,E.
Atoka (Okla)	1.8 NW;RR S	540	22 S2	73 oct. P-line S.
Bartlesville (Okla)	4 E;rd S	720	34 S6	80 oct.
Bennett (Elk City, Okla)	2 SSE;RR NE	1800	20 S2	80 oct. P-line W. Lgt ac-
Blackwell (Okla)	1.7 W;RR N	1000	32 L4 S6	80 oct. P-line ft only.
Boren (Wetumka, Okla)	1.5 NW;RR SE	780	20	SW,NW.
Brown (Tulsa, Okla)	6 SE	735	31 L S6	80,91 oct. Port rnwy lgts. Pole NW.
Buffalo (Okla)	0.6 NW;crk N	1965	14 S1	73 oct.
Caddo Fly Svc. (Ft. Cobb)	6 SE;hwy S	1250	16 S2	80 oct. (Okla)
Cameron College	2.5 W;RR N	1108	22 S6	80 oct. (Lawton, Okla)
Cassoday Int, 34, AQ-KC (Kans)	1 SSE;hwy W	1480	32 L3	Twrs S.
CHANUTE Range (Kans)	284(CZ)(116.1)	304°, 2.5	SBRAZ-DTV	(4); 116.1
Chanute (Kans)	2 WSW	980	22h L4 S6	80,91 oct. Hwy NW.
CLARENDON Range (Tex)	233 (CP)	190°, 0.2	MRLW	
(P) Clarendon, 4, AQ-FV	3.8 W;RR NE	2869	40 L3 S6	80,91 oct. (Tex)
Childress (Tex)	3.2 ESE;RR NE	1930	30 S4	73,80 oct. P-line sur fld
(A) Childress AAF (Tex) (A)	5.2 W;RR N	1952	60h	TMP INACT. NO FACS
Clinton (Okla)	17 SW;hwy E	1932	65h	
Coffeyville, Mun. #1	5 NNE	743	59h S2	80 oct. (Kans)
Coffeyville, Mun. #2	2 NW;riv E	880	26h L3 S6	80 oct. Poles NW; hi-line SW. Use rnwys only.
Commercial (Okmulgee, Okla)	3.4 E;RR N	682	25 S2	80 oct. Poles SW
Commercial (Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct. Trees SW.
Commercial (Quanah)	1.8 S;hwy E,N	1568	21 S2	Ltd 80 oct. (Tex-Okla)
Community (Ada, Okla)	6.8 WNW	1000	18 S6	80 oct. RR NE.
Cordell (Okla)	1.3 NW;RR E	1550	20 S2	80 oct.
(P) Cushing (Okla)	2 S;RR E	913	52h L5 S6	73,80 oct.
Dill Int, 14, AQ-LS (Okla)	0.5 NW;hwy N	1876	26 L3	P-line N,E.
DODGE CITY H Fac (Kans)	362(OD)(116.1)		MHTV	(4); 116.1
Dodge City (Kans)	3.5 ENE;RR SE	2594	47h L3 S6	80,91 oct. Fld lgts prior
(A) Dodge City AAF (Kans)	6 NW;RR S	2621	65h	CLOSED. (A) req.
(A) Dodge City #4 (Kans) (A)	17.4 NNE	2465	60h	CLOSED.
Dukes (Carnegie, Okla)	1 NNW;riv S	1250	24 S2	80 oct. P-line S.
Edgewood (Coffeyville, Kans)	2.5 WNW;RR E	745	25 S1	80 oct. P-line E,S.
(A) Enid AAF (Okla) (A)	4 SSW;RR E	1287	56h	TMP INACT. NO FACS
Eureka (Kans)	2.7 E;hwy S	1100	26 S1	80 oct. Hi-line S.
Ferguson (Coffeyville)	5 E;RR NW	790	36	(Kans)
(P) Frederick AAF (Okla)	3.5 SSE	1233	60h	
Fredonia Mun. (Kans)	3 NNE;RR E	880	26 S1	80 oct.
GAGE Range (Okla)	266(VM)(vhf)	224°, 2.1	SBRAZ-DTV	(4);116.1,122.1
(P) Gage (Okla)	1.8 SW;riv N	2223	55h L5 S1	80 oct.
GARDEN CITY Range (Mun.) (Kans)	257 (GK) (116.1)	168°, 3.7	SBRAZ-DTV	(4); 116.1
Garden City Mun. (Kans)	3.3 E;riv S	2841	45 L3 S6	73,80 oct. Fld lgts on req
(A) [Garden City AAF] (Kans) (A)	9 ESE;riv S	2894	65h	TMP INACT. NO FACS.
(A) Garden City #1 (Kans)	19.5 ESE	2814	30h	CLOSED. (A)
(A) Garden City #2 (Kans)	13.4 E	2856	30h	CLOSED. (A)
(A) Garden City #3 (Kans)	6 ENE	2917	30h	CLOSED. (A)
Geary (Okla)	1.4 E;RR N	1523	24	PRIVATE
Glenn Martin (Liberal) Kans)	2 ESE;hwy SW	2853	35 S2	80 oct. P-line SE,SW
Grandfield (Okla)	1.2 SE;RR N	1100	13 S1	73 oct.
(A) Grandfield #3 (Okla) (A)	3.1 W;RR NE	1128	45h	CLOSED.
(A) Great Salt Plains (Jet, Okla) (A)	6 NNE;dam 1 N	1200	55h L5	
Greensburg (Kans)	1 ESE;RR N	2230	26 S1	80 oct. Poles N.
Haddock (Erick, Okla)	1.4 SW;RR N	2017	34 S2	80 oct. P-line N.
Halliburton (Duncan, Okla)	1 S;RR E	1125	35 L6 S4	80,91 oct. No flood lgts or ben.
Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct. (Okla)
Hatbox (Muskogee, Okla)	2.7 W;fork RRs	615	38h S6	73,80 oct.
Hemphill Co. (Canadian)	1.5 SW;riv N	2300	27 S2	Ltd 73 oct. (Tex)
(P) Hobart Mun. (Okla)	3.8 SE;RR N	1583	53h S6	80 oct.
Hohmann (Lone Wolfe)	1 ESE	1576	26 S2	80 oct. (Okla)
Holdenville (Okla)	1.2 WNW	864	20	RR NE
Hunter's Flight Strip (Hobart, Okla)	0.5 SW;hwy adj	1530	22	Data unverified.
HUTCHINSON Range (Kans)	227(HN) (116.1)	350°, 3.1	SBMRLZ-DTV	(4);116.1,122.1
Hutchinson, com. (Kans)	5.5 W;riv NE	1605	20 S4	80 oct.
(P) Hutchinson, mun.	4 ENE;hwy S	1542	70h L5 S6	80,91 oct. (Kans)
(N) Hutchinson NAS (Kans)	8.9 S;RR NNE	1582	70h	INACTIVE. (N)
INDEPENDENCE AAF Tower (Kans)	272 (126.18)		CA	(3); 126.18 (7-19)
(A) Independence AAF (A)	5.5 SW;hwy W	820	55h S1	91,100 oct. (Kans)
Independence (Kans)	5 N;hwy W	847	22 S4	73-91 oct. P-line W.
(A) Independence #3 (A)	24 ESE	920	42h	CLOSED. (Kans)
Independence #9 (Kans)	12.5 NE	870	40h	
(P) Iola (Kans)	3.2 SSE	1020	48 S6	73,80 oct. Road N.
Jensen (So. Coffeyville)	0.5 W;RR S,E	735	40 S6	80 oct. P-line SE. (Okla)
Jimmie Ray (Cherokee)	1.5 E;RR SW	1200	26 S1	80 oct. Trees S. (Okla)
Kell-Air (Thomas, Okla)	1.2 SW;RR N	1730	24 S2	80 oct.
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Kingman (Kans)	1.5 NNW	1600	26 S1	73 oct. Trees S,SW. RR
Kiowa Flying Service (Kiowa, Kans)	2.5 WNW;RR S	1375	19 S1	80 oct. P-line SW. NNW,SSW.
Kittenbrink (Jefferson)	2 E;RR W	1100	23 S2	80 oct. Trees N. (Okla)
Lawton (Okla)	1.5 S;RR E	1145	26 L2 S6	80 oct. Fld lgts prior req. Poles NW.
(A) Liberal AAF (Kans) (A)	1.5 WNW	2888	70h	CLOSED.
Long (Pryor, Okla)	2 NNE;RR W	650	20 S6	80 oct. P-line SW.
Meade (Kans)	3 ESE;hwy N	2532	19 S2	80 oct. Use strips. P-line
McAlester (Okla)	2 SSE;RR W	750	25 S4	80 oct. N
Mauks (Blackwell, Okla)	2.7 S;hwy W	987	26 S4	80 oct. P-line E.
Medicine Lodge (Kans)	2.1 SE;RR S	1520	33 S2	80 oct.
(P) Muskogee AAF (Okla)	5.5 S;RR W	610	56h	Hill SW.
North (Enid, Okla)	3.8 N;RR E	1265	26 S6	80 oct.
Nowata (Okla)	1.6 NNE;RR W	600	26 S6	80 oct.
OKLAHOMA CITY Range (Okla)	350 (OL) (116.1)	76°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Okmulgee (Okla)	3 NNE;hwy W	715	43h L5 S6	80 oct. Ctc lgts prior
Olustee (Altus, Okla)	10 SE;riv E	1338	45h	CLOSED req.
Pampa (Tex)	1 NNE;RR S	3234	50 S6	80,91 oct. P-line S.
(A) Pampa AAF (Tex) (A)	12,3 E	3124	65h	CLOSED.
Pampa Int, 4, AQ-KC	1.9 NE;RR S	3197	50 L3 S1	80,91 oct. (Tex)
Parsons (Kans)	2 NW;RR S	936	22 S2	80 oct. Soft in wet weathe
Pawhuska (Okla)	3.8 W;RR E	1000	27 L S1	80 oct. Port rnwy lgts. P-line NE.
(A) Perry (Okla) (A)	6.6 N;hwy W	1008	52h	CLOSED.
(P) Perryton (Tex)	3 ENE; RR NW	2942	30 S4	80 oct. No sto. Allway fld. P-line SE, windmill
PHILLIPS Tower (Okla)	278		CI	3105 (on req) SW.
Phillips (Bartlesville)	1.7 WNW	750	35h L4 S2	80,91 oct. (Okla) Hwy S.
Plains (Kans)	1.3 NNE;hwy N	2772	30 S2	80 oct. P-line S,E.
PONCA CITY H Fac (Okla)	368(PC)(116.1)		MHTV	(4);116.1,122.1
(P) [Ponca City] (Okla)	2.3 NNW;RR S, E	998	36h L4 S6	73,87 oct. Antenna bet. twr & hangar lgtd.
Ponder (Mangum, Okla)	1.6 N;hwy S	1585	29 L S2	90 oct. Bndry lgts prior
POST Tower (Ft. Sill, Okla)	201 (126.18)		CA	(3); 126.18 (8-18) req.
(A) Post (Ft. Sill, Okla) (A)	3 N	1170	50h L5 S4	Ltd 100 oct.
Pratt Mun. (Kans)	2.5 ENE;hwy S	1916	25 S6	73,80 oct.
(A) Pratt AAF (Kans) (A)	4 N;hwy E	1960	80h	CLOSED.
Roosevelt (Okla)	0.5 NW;rd N	1400	24 S2	73 oct. P-line N.
Sapulpa (Okla)	1.5 ENE;RR W	730	26	P-line S.
Satanta (Kans)	1 N;RR S	3050	26 S2	80 oct.
Sayre Mun. (Okla)	8.5 SSW	1937	50h	
Archer (Sayre, Okla.)	2.3 N;hwy W	1990	26 S6	80 oct.
Seminole (Okla)	3.4 NNW;hwy E	1012	35 S6	80 oct. Trees W,NW.
Sentinel Memorial	0.8 SSW;RR W	1600	24 S2	80 oct. (Okla)
(P) Shawnee (Okla)	2 NW;RR E	1080	42h L5 S6	80,91 oct. Fld lgts prior
Stafford (Kans)	2.6 WSW;RR N	1889	26 S6	80,91 oct. Poles N,S req
Stark (Coldwater, Kans)	0.7 NE;RR SE	2100	29 S2	80 oct. Poles N,S,E,SE
(P) Stillwater #1 (Okla)	3.2 NNW;hwy E	985	50h L3	NE
Stillwater #2 (Okla)	5.6 SSE;hwy W	980	29 S6	73,80 oct.
Strickland (Hazelt'n, Kan)	2.6 E;RR S	1210	26 S6	73,80 oct. Poles E,N.
* Stroud Int, 29A, AQ-LS	3 N;hwy W	883	27 L3	P-line W lgtd. (Okla)
TINKER Army Range (Okla)	221 (DTE)	170°, 5.3	BMRAZ	4495
(A) Tinker (Oklahoma City, Okla) (A)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct. JP-1.
Tishomingo (Okla)	7.5 N			ABANDONED
Tonkawa (Okla)	1.6 S;riv NW	1000	25 S2	80 oct. P-line S,E.
Topper (Vinita, Okla)	3.9 SW			ABANDONED
TULSA Range (Okla)	245(TS)(116.1)	225°, 1.0	SBRAZ-DTV	(3);116.1,122.1
TULSA Tower (Okla)	278 (126.18, 118.5)		AC (ILS)	(4); 118.5,126.18, 122.5.
(A) [Tulsa] (Okla)	6.2 NE;RR S	674	71h L6 S6	73-91 oct. 73,100 oct.
Tulsa North (Tulsa, Okla)	4.5 NNW;RR E	700	25 S2	80,87 oct. Army. Poles S,SW,SE.
Turkey (Tex)	2.7 SSW;hwy E	2350	18 S2	80 oct.
* Twitty Int, 8A, AQ-LS	1 SE;hwy W	2225	38 L3	(Tex)
Vernon (Tex)	5 N;hwy E	1250	43h S6	73,80 oct. No sto.
* Vernon Int, 15, AQ-FV	6.8 NNW;hwy E	1332	32 L3	(Tex)
Victory (Vernon, Tex)	5.9 SSW;hwy E	1230	32 S6	80 oct.
Walker (Ada, Okla)	5.4 S;hwy W	860	32	PRIVATE. Trees sur
Walker (Altus, Okla)	1.6 W;RR E	1400	26 S4	80,91 oct. P-line fld.
Walters (Sedan, Kans)	8 N;hwy W	1000	26	PRIVATE. N.
Walters (Okla)	1.2 SW;RR E	1005	26 S6	80 oct.
Watonga (Okla)	1.2 NW;hwy S	1460	26 S6	80 oct.
Weatherford (Okla)	2.7 ENE;hwy S	1559	27 S6	80 oct. P-line N.
Wellington (Tex)	1 SE;hwy W	2100	17 S1	80 oct. P-line S.
Wewoka, com. (Okla)	1.8 W;lake N	905	23 S6	73,80 oct. P-line NNE
(P) Wewoka, mun. (Okla)	4.7 NE;hwy N	790	30	
White Brothers (Lamont Okla)	2 WSW;RR E	1000	24 S2	80 oct.
WICHITA Range (Kans)	332(WD)(vhf)	167°, 1.0	SBRAZ-DTV	(3);116.1,122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(NG) [Wichita] (Kans)	5.3 SE;hwy W	1373	75h L6 S6	80,91 oct. 100 oct. for Army. Pole N.
Will Rogers, 36, AQ-LS (Claremore, Okla)	1.5 NE;RR W	649	29 L3 S6	73 oct.
WILL ROGERS Tower (Okla. City, Okla) [Will Rogers] (Oklahoma City, Okla)	272 (118.7)		C (ILS)	(4); 118.7,126.18, 122.5
	7.5 SW;hwy E	1283	57h L6 S6	80,91,100 oct.
(P) Woodring (Enid, Okla)	5 ESE;RR NW	1159	65h L S6	80 oct. Port rnwy lgts prior req.
Woodward (new) (Okla)	7.5 W;hwy S,E	2157	55h L5 S2	80,91 oct. Lgts on req
Woodward (mun.) (Okla)	1.5 SE;hwy W	1918	24 L1 S6	80,91 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
TULSA	110.3	335	354°	IM-	MM- ••—• (0.65)	OM- ——(4.82)
					MMH-	OMH-263 —
WICHITA	110.3	335	3°	IM- •••••• (0.05)	MM-	OM- ——(5.37)
					MMH 201 ••—• (0.69)	OMH- 317 • ———
WILL ROGERS	109.9	333.8	350°	IM-	MM- ••—• (0.66)	OM- ——(4.8)
					MMH-	OMH-

AIRPORT FACILITIES

CHILDRESS Range (Tex)	109.1 (GM)		VARW	
ROOSEVELT Range (Okla)	108.7 (RO)		VARW	
Victory (Clinton, Okla.)	2 S;hwy W	1540	27 S6	80 oct.
Kingfish (Clinton, Okla.)	3.7 N;hwy W	1545	18	

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 110.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-services (see page IV) —► NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

OKLAHOMA CITY 81

STATUTE MILES 25 0 25 50

38°05' 38°

TO LA JUNTA — USABLE WITH CAUTION — EXTREMELY HAZARDOUS — ALBUQUERQUE 79 (EXCEPT BY ATC REQUEST) — NON-COMPULSORY REPORTING POINT — COMPULSORY REPORTING POINT

GARDEN CITY 257 116.1MC
DODGE CITY 362 116.1 MC. On request
HUTCHINSON 227 116.1MC.
HUTCHINSON COM
HUTCHINSON MUN.
NAS. HUTCHINSON
WICHITA 278KC.118.7. 126.18 MC.
WICHITA 332 111.1, 116.1 MC.
CHANUTE 284 116.1MC.
PONCA CITY 368 116.1 MC On request
INDEPENDENCE AAF 272KC.126.18MC.
ANTHONY 382 116.1MC. On request
PHILLIPS 278 KC.
TULSA 278KC.118.5.126.18MC.
GAGE 266 111.1,116.1MC.
TULSA 245 116.1MC.
CLARENDON 233
CHILDRESS (VHF) W-109.1
ROOSEVELT (VHF) V-108.7
WILL ROGERS 272 KC. 118.7 MC.
POST AAF 201KC.126.18 MC.
OKLAHOMA CITY 350 116.1 MC.
TINKER AAF 221
ARDMORE 400 116.1 MC. On request
AMARILLO 251

GARDEN CITY · GARDEN CITY AAF · GARDEN CITY No. 1 · GARDEN CITY No. 2 · GARDEN CITY No 3 · DODGE CITY No. 4 · DODGE CITY · DODGE CITY AAF · SATANTA · PLAINS · MEADE · STARK · ASHLAND · GREENSBURG · PRATT AAF · PRATT MUN · KINGMAN · STAFFORD · RED 35 · MEDICINE LODGE · STRICKLAND · ANTHONY · KIOWA · GLENN MARTIN · LIBERAL AAF · KANS. OKLA. · BUFFALO · KANSAS CITY ALBUQUERQUE · ALVA · JIMMIE RAY · GREAT SALT PLAINS AAF · OKLA. TEX. · PERRYTON · WOODWARD AAF · WOODWARD MUN. · GAGE · HEMPHILL CO. · ALBUQUERQUE FORT WORTH · AMARILLO GREEN · PAMPA AAF · PAMPA · PAMPA INT · TWITTY · SAYRE · BENNETT · CLINTON · CORDELL · VICTORY · BESSIE · DILL · SENTINEL · SAYRE MUN. · HADDOCK · HUNTER'S · HOHMANN · PONDER · WELLINGTON · ARLIE · ALTUS MUN. · CLARENDON · ALTUS AAF · WALKER · OLUSTEE · FREDERICK AAF · GRANDFIELD NO. 3 · WALTERS · GRANDFIELD · CHILDRESS AAF · CHILDRESS · TURKEY · COMMERCIAL · 100° VERNON INT · VERNON · WICHITA FALLS · ABILENE 10 FT

WATONGA · KELL AIR · WEATHERFORD · GEARY · KINGFISH · VICTORY · CADDO FLY. SVC. · DUKES · ANADARKO · HOBART · ROOSEVELT · CAMERON COLLEGE · LAWTON · HALLIBURTON · KITTENBRINK · WHITE BROS · MAUKS · TONKAWA · PERRY · NORTH · ENID AAF · WOODRING · NEWTON · CASSODAY · EUREKA · EL DORADO · TOWANDA · FREDONIA · CHANUTE · IOLA · INDEPENDENCE No. 9 · INDEPENDENCE · WALTERS · COFFEYVILLE No. 1 · COFFEYVILLE No. 2 · EDGEWOOD · JENSEN · FERGUSON · PARSONS · BARTLESVILLE · NOWATA · PAWHUSKA · PONCA CITY · SKIATOOK · CLAREMORE · TULSA NORTH · RED FORK · STILLWATER NO 1 · STILLWATER No. 2 · CUSHING · STROUD · SAPULPA · COMMERCIAL · BROWN · HARVEY YOUNG · OKMULGEE · COMMERCIAL · HATBOX MUSKOGEE · MUSKOGEE AAF · SHAWNEE · SEMINOLE · WEWOKA MUN. · WEWOKA COM. · HOLDENVILLE · BOREN · ST. LOUIS FORT WORTH · McALESTER · COMMUNITY · ADA · WALKER · ATOKA · NEWALLA · OKLAHOMA CITY · MUSTANG · WASHINGTON · OXFORD · VIOLA · KECHI · PORTLAND · MAUKS · BLACKWELL · RED 24 · RED 10 · RED 11 · BLUE 22 · BLUE 24 · BLUE 5 · BLUE 6 · AMBER 4 · LEBO · OTTAWA · NEOSHO · LONG · WILL ROGERS · VERDIGRIS RIVER · LITTLE ROCK · WICHITA FALLS · MARIETTA

FOR DETAILS IN THE OKLAHOMA CITY AND WICHITA AREAS SEE CHART 83

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION 12°E TO 9°E

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Arkansas City (Kans)	3.5 S;RR W	1067	28 S6	73,91 oct.
Arther Arfld (Wichita, Kans)	3 SW;RR N	1290	26 L S6	73,91 oct.No sto.Port rnwy lgts. Poles S.
Baird (Arkansas City)	4 W;hwy S	1100	17 S2	73 oct.P-line S,SW.(Kans)
Beech (Wichita, Kans)	6 E;hwy N	1378	46h	Factory use only.
→ Bomhoff (Calumet,Okla)	4.1 SSE	1448	25 S6	73,80 oct. Hwy S
Caldwell (Kans)	1.2 E;RR W	1140	21 S2	73 oct. Poles E,S.
Cannon Ball (Wichita,Kans)	6.5 WSW; hwy N	1300	24 S6	80 oct.No sto.P-line N.
→ Central (Edmond,Okla)	2.6 NNE	1211	24	RRW.
Cessna Acft.(Wichita)	4.5 SE;hwy W	1369	53 S2	80 oct. (Kans)
(P) Chickasha (Okla)	4 NNW;riv S	1140	35h L S6	80,91 oct.Flood lgts.
Cimmarron (Yukon,Okla)	4 WSW;hwy N	1350	20h	P-line NE,E.
Culver (Wichita, Kans)	4 N;hwy W	1320	15h	
→ Derby (Kans)	1 NNE;RR W			ABANDONED
El Dorado (Kans)	3.6 SE;hwy W	1400	25 S6	80 oct.Soft,wet weather.
(P) El Reno (Okla)	1.5 SW;RR N	1400	26 L S6	80,91 oct.Port rnwy lgts.
Frasier (El Dorado,Kans)	2.5 S;riv W	1300	25 S6	80 oct.Poles E,NE.
→ Garthoeffner Co. Club (Oklahoma City, Okla)	See Country Club under "New Facilities"- name changed.			
→ Guthrie Mun	2 SSE;hwy W	1052	26 L3 S6	80 oct. (Okla)
Hilltop (Augusta, Kans)	2 NE;RR SE	1260	20 S1	73 oct.
Ken-Mar (Wichita,Kans)	3 ENE;RR N	1375	23 L S6	80 oct.No sto.Port rnwy lgts. Obsts.
→ Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
→ Lake View (Yukon, Okla)	2.7 E;RR N	1275	24 S1	80 oct.Poles N,S.
→ Mariash (Chickasha,Okla)	2 SSE;RR E	1275	30 S2	80 oct. Data unver.
→ Marlow (Okla)	1.6 N;RR E	1145	22 L2 S6	80 oct.Fld lgts prior req. Poles NW.
→ Max Westheimer (Norman, Okla)	2.7 NW;RR E	1178	50h S6	80, 91 oct.
(P) Mustang (El Reno,Okla)	5.3 SSW	1400	52 S6	80,91 oct.
Newkirk Skypark (Okla)	2.5 SE	1140	29	P-line N,NW. RR SW.
(N) Newton OLF (Kans) (N)	4 ENE;rd S	1527	70h S6	80,91 oct.P-line W,N.
Nuckols (Okla.City, Okla)	7.2 SSW; hwy W	1265	30 S6	80 oct.Poles N,W,SW.
OKLAHOMA CITY Range (Will Rogers) (Okla)	350(OL)(116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Pauls Valley (Okla)	2.1 S;RR E	967	35h L1 S6	80 oct.
→ Purcell-Lexington (Lexington, Okla)	See Lexington-Purcell under "New Facilities" - name changed.			
Rawdon (Wichita, Kans)	6.7 E;hwy S	1396	26 L S6	73 oct.Port rnwy lgts.
Riverside (Wichita, Kans)	4 NNW;riv E	1310	26 S1	80 oct. Poles sur fld.
(A) South (Winfield, Kans)(A)	14 SSW	1230	40h	CLOSED.
(P) Strother (Winfield, Kans)	5 SSW;hwy S	1150	58h	
TINKER Army Range (Okla)	221 (DTE)	170°,5.3	BMRAZ	4495
TINKER Tower (Okla)	396 (126.18)+		CA	(3); 126.18
(A) → Tinker (Oklahoma City, Okla) (A)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct. JP-1
Tulakes (Oklahoma City, Okla)	8 WNW	1400	44h S6	80,91 oct. Pwr line S.
University (Wichita, Kans)	5 NE;RR N	1350	27 L S6	80,91 oct. Port rnwy lgts. P-line E.
University (Langston, Okla)	1 S;road N	1025	26	Bldg SE corner.
Wellington (Kans)	3.5 N;RR W	1290	23 S2	80 oct. P-line W,E,S.
→ Wheatley Arpk (Moore, Okla)	0.6 NE;hwy W	1273	24 S6	80,91 oct.
WICHITA Range (Kans)	332(WD)(vhf)	167°,1.0	SBRAZ-DTV	(3);116.1,122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(NG)[Wichita] (Kans)	5.3 SE;hwy W	1373	75h L6 S6	80,91 oct. 100 oct. for Army. Pole N.
→ Wiley Post (Oklahoma City, Okla)	7.9 NNW; hwy E	1216	34 S6	80,91 oct. Trees S.
WILL ROGERS Tower (Okla)	272 (118.7)		C (ILS)	(4); 118.7,126.18,122.5
→ [Will Rogers] (Oklahoma City, Okla)	7.5 SW;hwy E	1283	57h L6 S6	80,91,100 oct.
Wilson (Wichita, Kans)	7.5 NE;RR N	1410	29 S6	73 oct. No sto.
Winfield (Kans)	2 E;RR S	1200	22 S2	73 oct. Lgt acft only. Pwr line N.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ WICHITA	110.3	335	3°	IM- ·····(0.05)	MM-	OM- ——(5.37)
					MMH-201—··(0.69)	OMH- 317 - — —
WILL ROGERS	109.9 — · — · —	333.8	350°	IM-	MM- ·—·—(0.66)	OM- ——(4.6)
					MMK-	OMK-

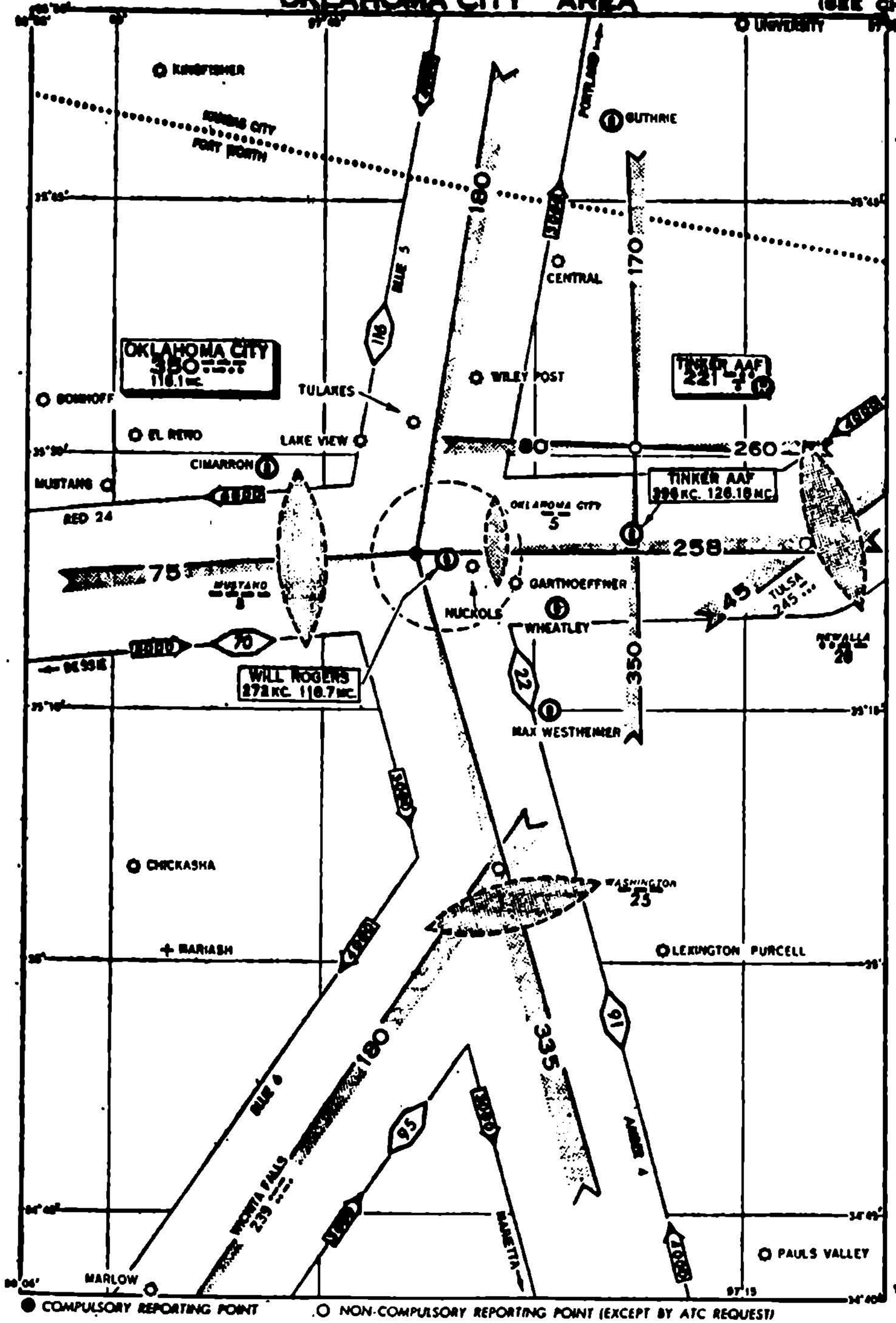
NEW FACILITIES

→ Lexington-Purcell (Lexington,Okla.)	0.8 WSW; riv W	1100	21 S1	80 oct.No sto.
→ Country Club (Okla.City, Okla)	7.3 S;hwy E	1250	19h S6	80 oct.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.86, 140.56 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

OKLAHOMA CITY AREA

(SEE CHART 81)



WICHITA AREA

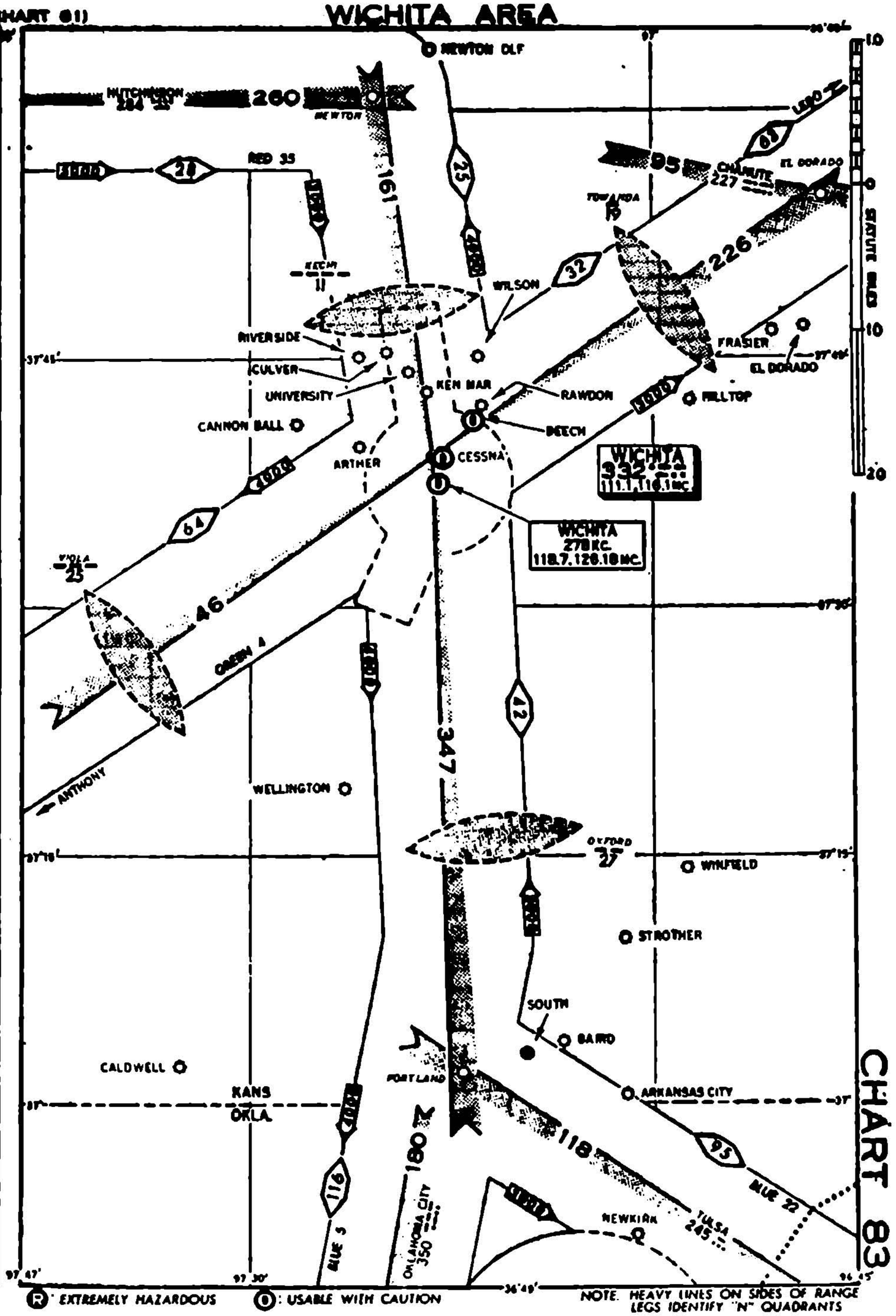


CHART 83

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ADAMS Tower (Ark)	278 (126.18, 118.5)	*	C	(4); 126.18,118.5, 122.5 (7-23)
(NG) [Adams](Little Rock, Ark)	4 E;RR W	260	52h L5 S6	80, 91 oct. 73,100 oct, JP-1,2-ech maint NG.
ADVANCE Range (Int.) (Mo)	317(AF)(116.1)	354°, 1.5	SBMRAZ-DTV	(4);116.1,122.1
Advance Int,48,NO-LS	0.8 WSW;RR S	355	29 L3	(Mo)
Alma (Ark)	1.5 NNE		22 S2	80 oct. Data unver.
American Legion (Blytheville, Ark)	1.5 ESE;RR N	260	26 S6	80 oct.P-line N,W. Stack E.
Arkansas Polytechnic (Russellville, Ark)	1.3 N;hwy W	350	23 S6	80 oct. P-line SE.
(P) Atkinson (Pittsburg, Kans)	2.5 NW;RR W	948	40h L S6	80 oct. Port rnwy lgts
Bailey (Cabot, Ark)	0.5 W;RR E	270	16 S1	80 oct.Trees sur fld.
Bass (Lula, Miss)	2.2 SSE	200	13 S1	80 oct.N blckd.Hwy E
Batesville (Desha,Ark)	1 SE;hwy E	400	20 S1	73 oct.P-line NE.
Batesville Int,29,NO-LS (Miss)	3 W;hwy SE	205	25 L3	Poles N, lgtd.
Benton (Ark)	1.6 W;RR S	300	20 S6	80 oct. Poles S.
Bentonville (Ark)	1.5 SSW;RR N	1209	24 S1	80 oct.
Berryville (Ark)	1.3 WNW	1150	13 S1	73 oct.Trees S.RR E
Biggers (Ark)	2 ESE	290	45	RR NW.
BLYTHEVILLE AAF Rng (Ark)	221 (LY)	226°, 14.2	RLWZ	
(A) Blytheville AAF (A)	3 NW;RR SW	254	50h	CLOSED (Ark)
Bolivar (Mo)	1.8 WSW	1138	25 S2	80 oct.Poles N.Hwy N
Bowden (Mena, Ark)	1 E;RR NW	1177	16 S1	73 oct.
Bowen (West Memphis, Ark)	1.5 W;hwy N	215	17 L S6	80 oct. Flood lgts.; port rnwy lgts.Poles
Branson (Mo)	4 W;hwy W	1069	21	Trees SW. SE.
(P) Brinkley,37,DL-LV (Ark)	1 E;RR N	188	31 L3 S1	80 oct. days.Obst NW.
Cabool (Mo)	0.8 SW		18 S1	80 oct. Data unver.
Cape Commercial (Mo)	4.8 SW;RR S	340	28 S6	80,91 oct.8'dike S.
Carbondale (Ill)	1 E;lk1.5 SW	450	23 S6	80 oct.
(A) Carlisle (Stuttgart)(A)	26 NW;RR S	236	45h	CLOSED (Ark)
Carthage (Mo)	2 S;hwy E	1007	23 L S4	80 oct.Port rnwy lgts. P-line W, SW.
Cassville (Mo)	3.9 S;hwy E	1375	24 S2	80 oct.Trees SW.
Central (Little Rock)	4.5 NE;RR S	255	35 S4	80 oct.Trees W.Data un-
Charleston (Mo)	1 ESE;RR NW	300	31 S2	80 oct.Poles Silver (Ark)
Chester (McBride,Mo)	3.8 NW;riv N	372	20h	Allway: 5388 x 4695'.
Clarksdale (Miss)	1.5 SE;hwy NW	175	21 L1 S6	80 oct.P-line N
Commercial (De Witt)	2.4 W;RR N	196	24 S4	80 oct.P-line E. (Ark)
(P) Conway (Ark)	1.5 SE;hwy W	309	32 S6	80,91 oct.
Cooter (Blythev'l,Ark)	10 NE	260	40h	
Copp (Calico Rock,Ark)	1.8 N	425	18 S1	80 oct. Fence S.
Dexter (Malden, Mo)	12.5 NNE	215	45h	
Dockery (Stuttgart,Ark)	1.5 NNW	214	24 S2	73,80 oct.P-line N,S,E
Diamond (Mo)	2.1 SSW;RR S	1150	19 S2	80 oct.P-line N,NE,SE
(A) Dyersburg AAF (Tenn)	9 S;RR E	289	62h	CLOSED. (A)
Dyersburg Mun.(Tenn)	2 SW;riv N	337	40h S4	80 oct. No sto.
Earl Fields (Poplar Bluff, Mo)	3.8 ENE; hwy S	325	32 S6	80,91 oct.
Embry Riddge (Union City, Tenn)	5 ESE;riv WNW	340	48h	Allway: 4620 x 3960'.
Erwin (Newport,Ark)	2.5 SSE	220	45h	
Farmington (Mo)	1 ESE;hwy N,E		35 S6	80 oct.Data unver.
Farmington Flying Service (Mo)	0.8 NNE; hwy S			ABANDONED
(P) Fayetteville (Ark)	3.8 S;RR W	1251	38 S6	73 oct.
Fleeman (Manila,Ark)	0.8 S;RR N	240	32 S2	80 oct.P-line N,NE.
Fletcher (Clarksdale)	8 NNE;RR W	175	20h S6	80, 91 oct. (Mo) P-line
Forrest City (Ark)	0.7 W;hwy SE	226	22 S2	80 oct. Bldg S. S
Fort Scott (Kans)	4.5 SW;hwy S	900	28 S2	80 oct.
(P) [Fort Smith] (Ark)	4 SSE;RR S	450	35h L5 S6	80,91 oct.P-line ESE,SSW
(A) Gideon (Malden, Mo)	1 SE Gideon	268	45h	CLOSED.
Gilbrech (Palmer, Ark)	0.2 NE;RR S	178	17 S2	80 oct.N/S strip rough.
Girard (Kans)	1.7 WNW	950	14	Trees E.RR E.Poles W.
Greig (Van Buren,Ark)	4.1 E;riv 1.5 S	450	13	RR 1.5 mi N.
(P) Grider (Pine Bluff,Ark)	5.5 SE;hwy N	210	45 L S6	73,80 oct.Port rnwy lgts
Harlas (Malvern,Ark)	2.1 WSW	275	26 S1	73 oct.P-line NE.RR SE
Harris (Cape Girardeau, Mo)	6.5 SSW; hwy E	340	20h S6	80,91 oct.
Harrison (Ark)	4.1 NW;RR S	1380	32 S1	80 oct.
Harvey Parks (Sikeston, Mo)	2 NE;RR S	315	66	P-line W.Allway area
(A) Hazen(Stuttgart,Ark)(A)	18.7 NNW	225	45h	CLOSED. RR N.
Heavener (Okla)	2 N;RR W	575	27	Use in emerg. only.
J.B.Wilson (Joiner,Ark)	0.5 ENE	225	15	Trees NE. Hwy W.
Jameson (Picher,Okla)	4.5 W			ABANDONED
John Brown Universtiy (Mosley,Okla)	3.6 ESE; hwy S	1183	27 S4	80 oct. Caution.
John's Arpk.(Flippin)	0.3 NNW	620	27 S1	80 oct.N,SE,S,NW blkd.
(P) Jonesboro (Ark)	3.5 ESE; RR N,SW	264	44h S6	80,91 oct.Use (Ark) rnwys.
JOPLIN Range (Mo)	400(JH)(vhf)	172°, 6.2	BMRLZ-DTV	(4);116.1,122.1
(P) [Joplin] (Mo)	5 NNE;RR N	981	43h L4 S4	80, 91 oct.
Kennett (Mo)	1.3 E;RR W	260	26	30' poles N.
Kennon (Union City, Tenn)	3.2 WSW; hwy N			ABANDONED
King (Houston,Mo)	0.8 WNW	1180	15 S1	80 oct.Poles S.Hwy ESE
Lebanon Int,54B,AQ-LS	2.5 SSE	1380	26 L3	(Mo). Hwy E.
Levee (W.Memphis, Ark)	2.4 E;RR N	215	24 L S4	80,91 oct.Port rnwy lgts P-line N,S.
LITTLE ROCK Range (Adams) (Ark)	353 (LI) (116.1)	313°, 3.8	SBRAZ-DTV	(3); 116.1, 122.1
Luxora Int,39,NO-LS	1 WNW	240	31 L2	(Ark). Hwy S.
McFarland,Springfield	4 SSE;RR E	1310	21 S4	73,80 oct. (Mo)
(P) McLaughlin (Hot Spgs, Ark)	3 SW;RR N	525	41h L5 S6	80,91 oct.Bldg,twr N. Rnwy lgts prior req.
Macarin (Marion, Ill)	4.6 WNW	470	35 S6	80,91 oct. Hwy W.
(A) Malden AAF (Mo)(A)	3.5 NW;RR E	296	50h	CLOSED.
(A) Manila (Blythev'l,Ark)	13.5 W;lk E	240	75	CLOSED. (A)
Marks (Miss)	1.5 NW;hwy N	160	22 S2	73 oct.P-line S.
MEMPHIS Range (Tenn)	371 (PS) (116.1)	356°, 2.1	SBRAZ-DTV	(3); 116.1, 122.1
MEMPHIS Tower (Tenn)	278 (126.18, 118.7)		AC (ILS)	(4); 126.18,122.5,118.7 See Notice to Airmen
(A) [Memphis] (Tenn)	5.9 SSE; RR NE	269	52h L6 S6	73-100 oct.JP-1.Rdo rgrd.Obst W,SE,S,NW
Memphis Flying Service (Tenn)	11 SE;RR 3 NW	286	35 L4 S6	80,91 oct.P-line S.No bcn.Lgts prior req. Rnwy lgtg data unver.
MEMPHIS NAS Tower	293 (142.74)		CN	3105; 142.74 (6-24)
(N) Memphis NAS (Tenn) (N)	16 NNE;RR NW	322	50h L5 S6	73,91,100 oct.
(P) Miami (Okla)	2.2 NNW	800	33h L1 S6	80,91 oct. RR E Lgts on req.
Milltown (Newport,Akr)	13 NE	244	45h	
Monett (Mo)	0.5 NE;hwy S	1462	24 S2	80 oct.
Monkey Island (Afton, Okla)	7.8 SE;RR NW	750	26 S1	80 oct.P-line W.
Murphysboro (Ill)	3 N;riv SE		20 S1	80 oct. Data unver.
Neosho com. (Mo)	4.8 NNW	1140	26 S1	80 oct.Poles SW.Hwy W
Neosho mun. (Mo)	2.8 SW;hwy E	1215	26 L3 S2	80 oct.Poles N,antenna
(P) Nevada (Mo)	3 NE;hwy N	850	40 S4	73 oct.P-line SW,W.E.
Newport (Ark)	6 ENE;hwy N	237	50h	
Norman (Ola, Ark)	1.8 NNE	348	28	P-line SE. Hwy E.
North Cairo (Cairo,Ill)	3 NNW	312	24 S4	73 oct. RR E
Overholt (Cotton Plant)	3 W;RR NE	250	18 S1	Ltd 80 oct. (Ark)
(P) Oxford (Miss)	8 S;riv N,W	400	30 S2	73 oct.
Paris (Ark)	1.8 NE;RR S	500	23 S1	80 oct.P-line W,E,SW.
Poteau (Okla)	1.5 SSW	460	17	RR NW,E
Prairie du Rocher Int, 55, NO-LS (Ill)	0.5 S;RR NE	390	37 L3	Trees S, N.
(A) Prairieville (Stuttgart, Ark) (A)	8.2 SE	205	45h	CLOSED.
Ramsey (Campbell,Mo)	1.6 SW;RR NW	295	14 S2	Ltd 73 oct.Trees NNE.
Rogers (Ark)	2.7 N;RR S	1325	32 S1	80 oct. P-line SE.
Rogers Arpk (Springfield, Mo)	2.1 E;hwy W	1367	38h L3 S4	80,91 oct. Lgts prior req.
Rolla (Mo)	3.5 NE;rd S	1201	31 L S6	80,91 oct.Port rnwy lgts
Round Pond (Ark)	1.5 NNW	200	22 S2	80 oct. Hwy N.
(P) Sanders (Walls,Miss)	1.8 S;hwy NW	210	40 S6	73,80 oct.Trees E.
Searcy (Ark)	2.8 S;RR E	260	14 S1	80 oct.P-line NE,SE.
Sexton (Kennett,Mo)	2.8 SW;hwy E	263	26 S2	80 oct.
Sky Haven (W.Plains,Mo)	2.4 NW	1049	22	RR E.
Sloan (Black Rock,Ark)	0.5 NE;RR W	270	16	
Smith (Hasty,Ark)	3.3 SSW	1150	16 S1	80 oct. Rds S.
Springdale (Ark)	0.8 SSE; hwy W	1200	19 S4	80 oct. P-line NE,SW
SPRINGFIELD Range (Mo)	254 (SX) (vhf)	134° 4.3	SBRAZ-DTV	(4);116.1,122.1
(A) [Springfield] (Mo)	5.5 WNW; RR NE	1269	56h L5 S5	80,91,100 oct. 100 oct for Army
Steele (Blythev'l,Ark)	12.3 N	258	40h	
Stilwell (Okla)	1.4 N;RR W	1125	18 S2	80 oct.
STUTTGART (AAF) Range (Ark)	269 (DSA)	173° 4.7	MRLWZ	
(A) Stuttgart AAF (Ark)(A)	7 N;RR E	230	50h	CLOSED.
Tahlequah (Okla)	4.3 N;rd E	1050	22 S6	80 oct.
Thompson-Robbins (Helena, Ark)	6 NW;RR S	242	20h S6	73,80 oct.
Toney (Pine Bluff,Ark)	2.5 N;hwy W	215	28 S2	73,80 oct.Twr NW lgtd.
Tucker (Hughes,Ark)	1.1 S;RR W	205	26 S2	80 oct.
(A) Walcott #3 (Walnut Ridge, Ark) (A)	14 ESE	285	45h	1.5 W of Walcott. CLOSED.NOT MAINT
WALNUT RIDGE Range (Ark)	362 (DWR)	174° 5.0	MRLWZ	
Walnut Ridge (Ark)	4 NE;RR SE	275	50h	
Whiteville Int, 49, DL-LV (Tenn)	0.6 NNW;RR E	494	30 L3	
Wilson (Memphis, Tenn)	11.5 SE;hwy W	320	26 S6	73 oct.
Wynne (Ark)	3.2 N;RR E	212	17 S2	80 oct. P-line E, SE.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

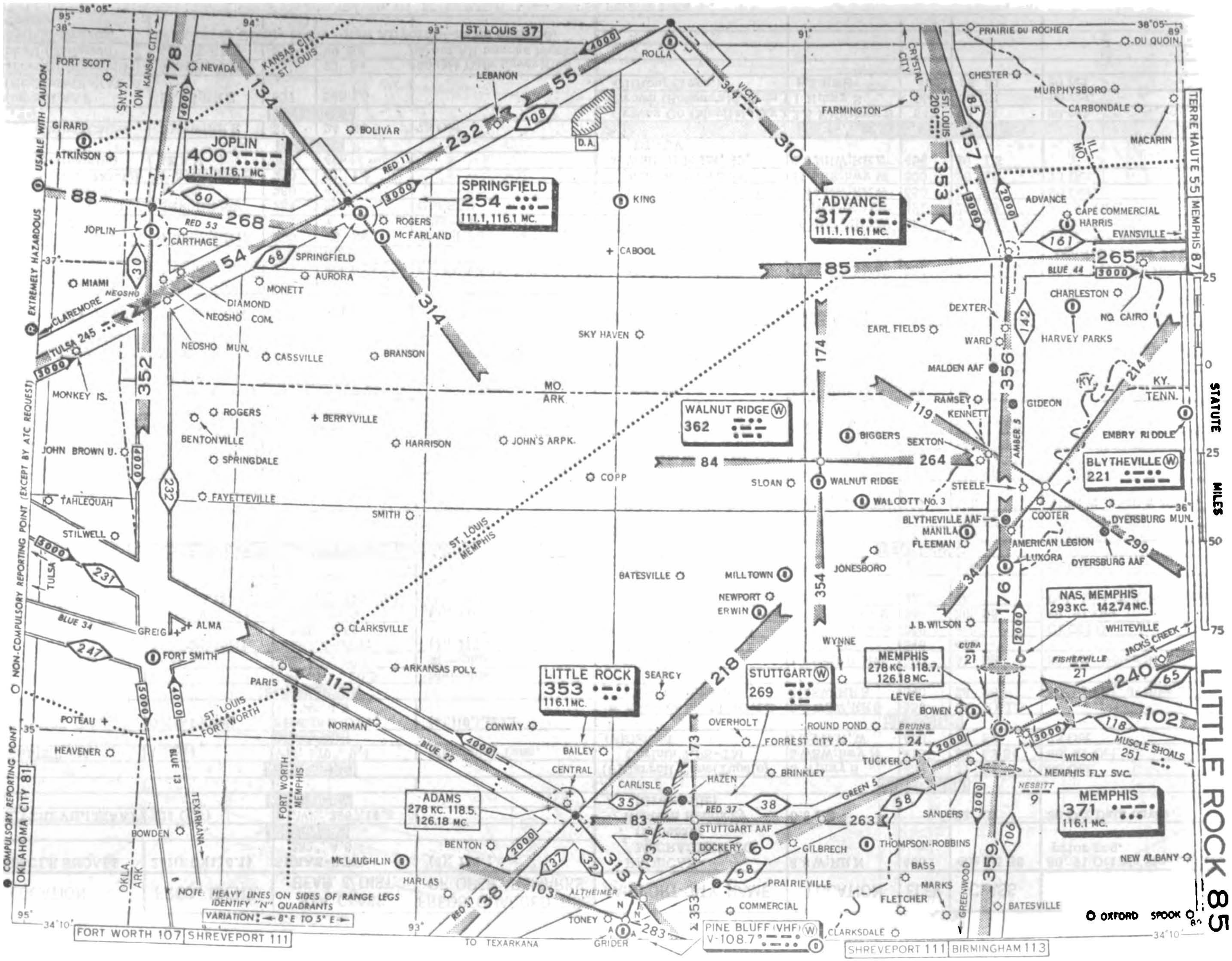
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MEMPHIS	109.9	333.8	86°	IM-	MM- •—•—•(0.69)	OM- — —(4.79)
					MMH-201 •••	OMH-233 •——•
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

PINE BLUFF Range(Ark)	108.7 (PL)	VARW	

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice, (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140,58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-services (see page IV) →NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ST. LOUIS 37
JOPLIN 400 111.1, 116.1 MC.
SPRINGFIELD 254 111.1, 116.1 MC.
ADVANCE 317 111.1, 116.1 MC.
WALNUT RIDGE 362
BLYTHEVILLE 221
LITTLE ROCK 353 116.1 MC.
STUTTGART 269
MEMPHIS 278 KC. 118.7, 126.18 MC.
ADAMS 278 KC. 118.5, 126.18 MC.
NAS. MEMPHIS 293 KC. 142.74 MC.
MEMPHIS 371 116.1 MC.
PINE BLUFF (VHF) V-108.7
FORT WORTH 107
SHREVEPORT 111
BIRMINGHAM 113
OKLAHOMA CITY 81
TERRE HAUTE 55
MEMPHIS 87
LITTLE ROCK 85
STATUTE MILES
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 8° E TO 5° E
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
TO TEXARKANA
FORT SCOTT
GIRARD
ATKINSON
NEVADA
LEBANON
ROLLA
BOLIVAR
FARMINGTON
PRAIRIE DU ROCHER
DU QUOIN
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
JOPLIN
CARTHAGE
SPRINGFIELD
ROGERS
McFARLAND
KING
CABOOL
ADVANCE
CAPE COMMERCIAL
HARRIS
EVANSVILLE
MIAMI
NEOSHO
CLAREMORE
TULSA
DIAMOND
NEOSHO COM.
NEOSHO MUN.
CASSVILLE
BRANSON
SKY HAVEN
AURORA
MONETT
CHARLESTON
NO. CAIRO
HARVEY PARKS
DEXTER
EARL FIELDS
WARD
MALDEN AAF
MONKEY IS.
MO.
ARK.
KY.
TENN.
RAMSEY
KENNETT
GIDEON
EMBRY RIDDLE
BIGGERS
SEXTON
STEELE
ROGERS
BENTONVILLE
BERRYVILLE
HARRISON
JOHN'S ARPK.
SPRINGDALE
JOHN BROWN U.
FAYETTEVILLE
TAHLEQUAH
SMITH
COPP
SLOAN
WALNUT RIDGE
WALCOTT NO. 3
BLYTHEVILLE AAF
MANILA
FLEEMAN
COOTER
DYERSBURG MUN.
AMERICAN LEGION
LUXORA
DYERSBURG AAF
JONESBORO
STILWELL
TULSA
GREIG
ALMA
CLARKSVILLE
BATESVILLE
MILLTOWN
NEWPORT
ERWIN
J. B. WILSON
WHITEVILLE
JACKS CREEK
FISHERVILLE
WYNNE
CUBA
FORT SMITH
ARKANSAS POLY.
PARIS
POTEAU
HEAVENER
NORMAN
CONWAY
SEARCY
OVERHOLT
ROUND POND
FORREST CITY
BRUINS
BOWEN
LEVEE
TUCKER
WILSON
MEMPHIS FLY SVC.
MUSCLE SHOALS
NESBITT
BAILEY
CENTRAL
CARLISLE
HAZEN
BRINKLEY
GREEN 5
SANDERS
THOMPSON-ROBBINS
BASS
MARKS
FLETCHER
GILBRECH
DOCKERY
STUTTGART AAF
BENTON
McLAUGHLIN
HARLAS
ALTHEIMER
TONEY
GRIDER
PRAIRIEVILLE
COMMERCIAL
CLARKSDALE
GREENWOOD
BATESVILLE
NEW ALBANY
OXFORD
SPOOK
BOWDEN
OKLA.
ARK.
TEXARKANA
FORT WORTH
MEMPHIS
ST. LOUIS
FORT WORTH
ST. LOUIS
MEMPHIS
KANSAS CITY
ST. LOUIS
KANSAS CITY
KANS.
MO.
VICHY
ILL.
MO.
RED 11
RED 53
RED 37
BLUE 34
BLUE 22
BLUE 13
BLUE 44
GREEN 5
178
134
55
232
108
344
310
353
157
85
268
54
68
60
88
30
314
352
232
231
247
112
218
173
174
356
214
119
264
84
142
161
265
299
354
176
240
65
102
118
251
106
359
313
193
137
32
103
38
283
263
58
60
83
35
24
9
21
36
50
75
95°
94°
93°
91°
89°
38°05'
37°
35°
34°10'

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER.. REMARKS
ALABAMA			
MUSCLE SHOALS	251(ED)(116.1)	SBRAZ-DTV; 282°, 4.6	(4); 116.1
ARKANSAS			
BLYTHEVILLE(AAF)	221 (LY)	RLWZ; 226°,14.2	
KENTUCKY			
MISSISSIPPI			
NESBITT FM	(- - -)	FM; 179°, 9.4	Memphis, Tenn.
MISSOURI			
→ ADVANCE (Int.)	317(AF)(vhf)	SBMRAZ-DTV; 354°, 1.5	(4);116.1,122.1
TENNESSEE			
CUBA FM	(-)	FM; 356°, 20.5	Memphis
FISHERVILLE FM	(- -)	FM; 60°, 20.5	Memphis
JACKS CREEK (Int.)	332(JK)(116.1)	BMRLZ-DTV; 186°, 2.62	(4); 116.1
MEMPHIS	371(PS)(116.1)	SBRAZ-DTV	(3); 116.1,122.1
Memphis Airport	278 (126.18, 118.7)	AC (ILS): 356°,2.1	(4);126.18,122.5,118.7 See Notice to Airmen
Memphis NAS	293 (142.74)	CN	3105; 142.74 (6-24)
NEW RADIO FACILITIES			

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MEMPHIS	109.9 •—•— •••	333.8	86°	IM–	MM– •—•– (0.69)	OM– ––(4.79)
				MMK 201 ••• (0.69)	OMH 233 ––•––(4.79)	
				IM–	MM–	OM–
					MMK–	OMK–

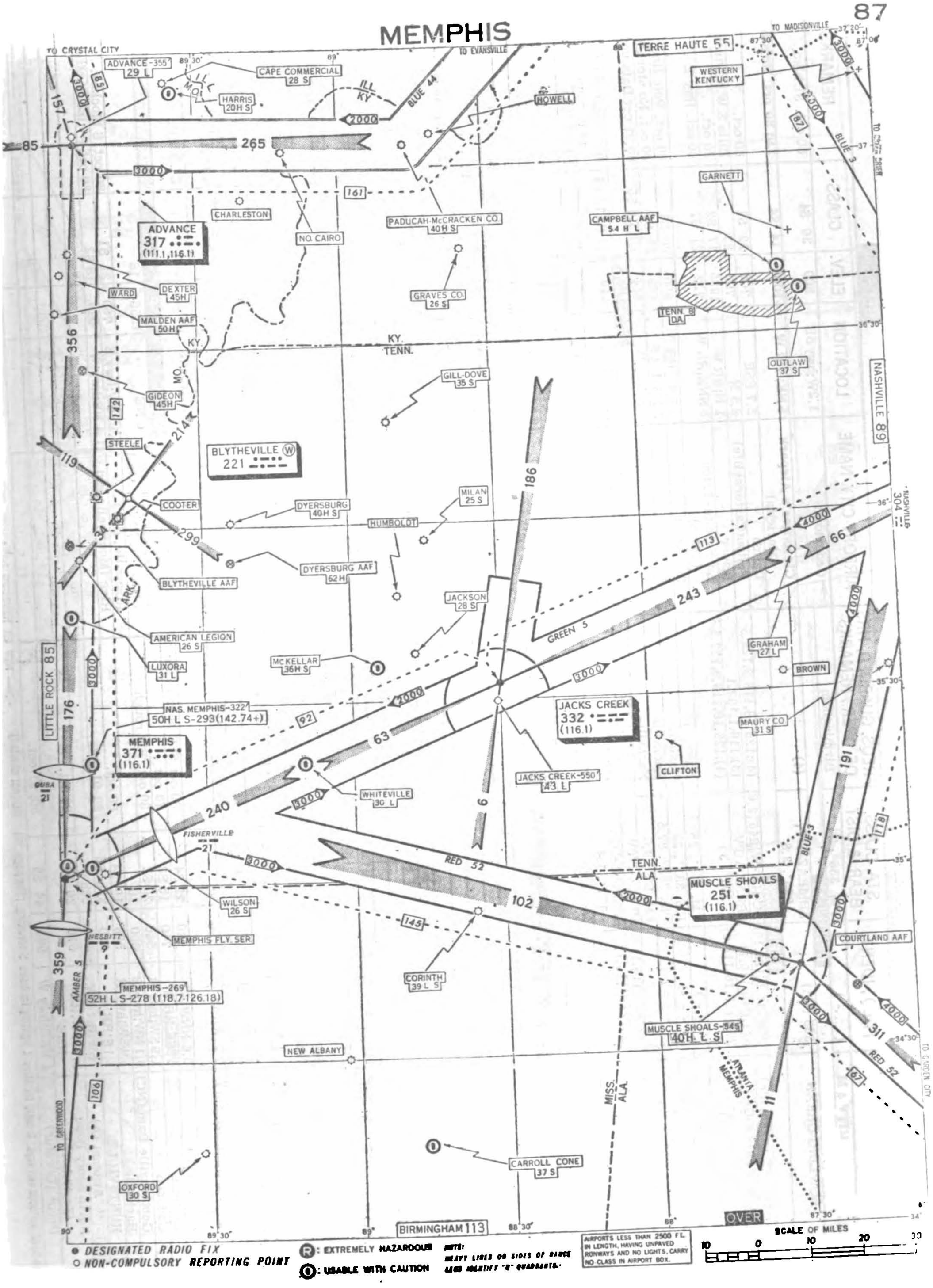
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. †—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ALABAMA				
(A)Courtland AAF(A)	1.5 SW;RR N	588	50h	CLOSED
Muscle Shoals	1.5E;dam NNW	545	40h R1 L5 S6	80, 91 Oct. No fuel for mil acft
ARKANSAS				
American Legion (Blytheville)	1.5ESE;RR N	260	26 S6	80 Oct.Pole line N,W. Stack E.
(A)Blytheville AAF(A)	3NW;RR SW	254	50h	CLOSED
Cooter(Blytheville)	10 NE	260	40h	
* Luxora Int,39,NO-LS	1 WNW;hwy S	240	31 L2	
Steele(Blytheville)	12.3 N	258	40h	
ILLINOIS				
North Cairo (Cairo)	3 NNW;RR E	312	24 S4	73 Oct.
KENTUCKY				
(A)Campbell AAF (Hopkinsville)(A)	12.8 S;RR E	557	54h L5	
Garnett(Hopkinsville)	6 SSE;hwy W		23 S1	80 Oct.Data unverified
Howell (Paducah)	4 WNW;RR S	371	20 S6	80 oct.All appchs blocked.
Mayfield-Graves County	See Graves County under "New Airports"-name changed.			
KENTUCKY				
PADUCAH-McCRACKEN CO. (Paducah)	8.8 W;RR N	405	40h L5 S6	80, 91 Oct.No Sto. Fld lgts prior req.
Western Kentucky (Greenville)	0.3 NE		23 S2	80 Oct.Data unver.
MISSISSIPPI				
(P)Carroll Cone(Tupelo)	3 W;hwy S	338	37 S1	80 Oct.
Corinth 7,PS-TM	5 WSW;hwy N	418	39 L3 S4	80, 91 Oct.
(P)Oxford	8 S;riv N, W	400	30 S2	73 Oct.
MISSOURI				
* Advance Int,48,NO-LS	0.8 WSW;RR S	355	29 R1 L3	
Cape Commercial (Cape Girardeau)	4.8 SW;RR S	340	28 S6	80, 91 Oct. 8' dike S.
Charleston	1 ESE;RR NW	300	31 S2	80 Oct. Poles S.
Dexter (Malden)	12.5 NNE	315	45h	
(A)Gideon (Malden)(A)	1 SE of Gideon	268	45h	CLOSED
Harris(Cape Girardeau)	6.5 SSW;hwy E	340	20h S6	80, 91 Oct.
Harvey Parks(Sikeston) (NC)	2 NE;RR S	315	66	Pole line W.Allway area.
(A)Malden AAF (A)	3.5 NW;RR E	296	50h	CLOSED
TENNESSEE				
(A)Dyersburg AAF(A)	9 S;RR E	289	62h	CLOSED
Dyersburg, mun.	2 SW;riv N	337	40h S4	80 Oct. No Sto.
Embry Riddle (Union City)	5 ESE;riv WNW	340	18h	Allway: 4620 x 3960'
(P)Gill-Dove (Martin)	3.5 S;hwy E	416	35 S6	80 Oct.
* Graham Int. 59,DL-LV	1.5 NW;hwy E	536	27 L3	
Humboldt	4.6 ESE;hwy W	380	15 S1	80 Oct.
* Jacks Creek Int,53, DL-LV	2 N;hwy E	550	43 R1 L3	
Jackson	2.5 ENE;hwy NW	450	28 S6	80 Oct.
→ Kennon (Union City)	3.2 WSW;hwy N			ABANDONED
(P)McKellar (Jackson)	5.8 W;RR S	410	36h S6	80 Oct.
Maury County (Mt. Pleasant)	2.5 ENE;RR SW	672	31 S2	80 Oct.Pole line NW
(A)MEMPHIS	5.9 SSE;RR NE	269	52h R3 L6 S6	73,91,100 Oct. JP-1.Radio required.Obst W,SE,S, NW
Memphis Flying Service (Memphis)	11SE;RR 3 NW	286	35 L4 S6	80,91 Oct.Pole line S No bcn.Lgts prior req.Rnwy lgtg data unverified
(N)Memphis NAS(N)	16 NNE;RR NW	322	50h R1 L5 S6	73,91,100 oct.
Milan	2.8 NNE;RR SE	421	25 S5	80, 91 Oct.
Outlaw(Clarksville)	7.4 NNW;RR W	550	37 S5	80 Oct.
Wilson (Memphis)	11.5 SE;hwy W	320	26 S6	73 Oct.
* Whiteville Int, 49, DL-LV	0.6 NNW;RR E	494	30 L3	
NEW AIRPORTS				
Graves Co.(Mayfield,Ky.)	3.6 ENE;hwy S	543	26 S1	80 oct.
Brown (Hohenwald,Tenn.)	1 E;hwy S	950	20 S1	80 oct.
Clifton, (Tenn.)	1.3 ENE	402	28 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

MEMPHIS


TO CRYSTAL CITY
TO EVANSVILLE
TO MADISONVILLE
TERRE HAUTE 55
ADVANCE-355
29 L
CAPE COMMERCIAL
28 S
HARRIS
20H S
ILL
MO
KY
BLUE 44
HOWELL
WESTERN KENTUCKY
BLUE 3
TO CRYSTAL RIVER
85
265
157
87
37
3000
2000
4000
CHARLESTON
161
ADVANCE
317
(111.1,116.1)
NO. CAIRO
PADUCAH-McCRACKEN CO.
40H S
GARNETT
CAMPBELL AAF
54 H L
WARD
DEXTER
45H
GRAVES CO.
26 S
TENN. B
DA
MALDEN AAF
50H
KY.
TENN.
OUTLAW
37 S
NASHVILLE 89
356
GIDEON
45H
142
214
GILL-DOVE
35 S
STEELE
119
BLYTHEVILLE (W)
221
186
COOTER
DYERSBURG
40H S
MILAN
25 S
HUMBOLDT
34
299
DYERSBURG AAF
62 H
BLYTHEVILLE AAF
ARK.
JACKSON
28 S
113
66
243
AMERICAN LEGION
26 S
LUXORA
31 L
McKELLAR
36H S
GREEN 5
GRAHAM
27 L
BROWN
LITTLE ROCK 85
176
NAS. MEMPHIS-322
50H L S-293(142.74+)
92
JACKS CREEK
332
(116.1)
MAURY CO
31 S
MEMPHIS
371
(116.1)
63
191
JACKS CREEK-550
43 L
CLIFTON
WHITEVILLE
30 L
6
240
FISHERVILLE
21
RED 52
TENN.
ALA.
MUSCLE SHOALS
251
(116.1)
118
BLUE 3
WILSON
26 S
102
145
MEMPHIS FLY. SER
NESBITT
9
COURTLAND AAF
359
AMBER 5
MEMPHIS-269
52H L S-278 (118.7-126.18)
CORINTH
39 L S
MUSCLE SHOALS-545
40H L S
NEW ALBANY
106
311
RED 52
67
TO GARDEN CITY
TO GREENWOOD
ATLANTA
MEMPHIS
MISS.
ALA.
OXFORD
30 S
CARROLL CONE
37 S
BIRMINGHAM 113
OVER
SCALE OF MILES
10 0 10 20 30
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RADIO ARROW INDICATE "R" QUADRANTS.
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

RADIO

ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GARDEN CITY FM	(. . -)	FM, 358°, 23	Birmingham

KENTUCKY

BOWLING GREEN	368 (BA)	SBMRAZ-DT, 296°, 3.8	(4)

TENNESSEE

BERRY (Nashville)	278(118.3,126.18)	AC(ILS-W)246°,2.6	(4);126.18,118.3,122.5
CHATTANOOGA	341(CB)(116.1)	SBRAZ-DTV	(3);116.1,122.1
Chattanooga-Lovell Field	278(126.18,118.9)	C, 203°, 3	(4);126.18,118.9,122.5
FAIRVIEW FM	(- - -)	FM, 246°, 28	Nashville
GREEN BRIER FM	(- - - -)	FM, 331°, 23	Nashville
KINGSTON FM	(- - - -)	FM, 263°, 27.5	Knoxville
MT. JULIET FM	(-)	FM, 66°, 9.6	Nashville
NASHVILLE(Berry)	304(NA)(116.1)	SBRAZ-DTV	(3);116.1,122.1
SMITHVILLE (Int)	347(XM)(116.1)	SBMRAZ-DTV 177°, 1.4	(4); 116.1
SMYRNA AAF (Nashville)	219 (126.18) +	CA (ILS-W)	(3); 126.18
WALTERHILL FM	(- -)	FM, 129°, 19.6	Nashville

NEW RADIO FACILITIES

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BERRY	109.9		14°	IM-	MM- •—•—(0.81)	OM- ——(4.05)
					MMH-365 •——•	OMH-
→ SMYRNA AAF (A)	109.5	332.6	230°	IM- (0.04)	MM- ••••••(0.81)	OM- ——(4.31)
					MMK-	OMK-

S-Simul Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker, (3) 3105 4495, 6210 kcs, (4) 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Columns Indicate VHF Voice +—Army A.C.S transmits on and guards 116 1, 137 88, 140 58 mcs

AIRPORTS

ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Albertville	1 NW;RR NE	1063	15 S1	80 oct.
Athens	3.2NNW;hwy E	780	26 S2	80 oct. Lgt acft only.
Beaver Dam(Decatur) (NC)	7 E;RR W	580	20	
Centre (NC)	0.6 NNW	720	22 S4	80 oct. SSE appr blocked.
Cullman	5 SSE;RR E	740	15 S2	73 oct.
Gadsden	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Guntersville Dam (NC)	9.1 NW;hwy E	600	30	
Hartselle	1 WSW;hwy N	588	18 S4	80 oct.
HUNTSVILLE	3.1 S;RR E	610	38h S6	80-91 oct.
(A) " Arsenal (A)	7 SW;RR NW	677	56h	
North Sauty Base (Scottsboro)	3.2 SSW;RR NNE	610	20 S1	80 oct.
Pryor (Decatur)	4 NNE;hwy W	588	44 S6	80, 91 oct.

GEORGIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Cedartown	1.2W;hwy SE	800	30 S4	80 oct. SE blkd.
Clevenger's Airpark (Marietta)	5 NE; RR W	1080	14 S4	Ltd 80 oct. No storage.
Dalton	5.7 ESE	700	22 S1	80 oct.
Felton(Cartersville)	2.5 N	790	23	Hills S,W,N;wires E,W
Jasper	1 N;RR W	1935	17 S2	80 oct.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80 oct. Hwy E
Rockmart	2 ENE;RR W	800	20 S1	80 oct. Pole line W
Rome	3 NW;RR S	669	25 S6	80 oct. No storage.
(N) Russell (Rome)	7 N;hwy W	644	45h L5 S6	80,91 oct. Data unver.

KENTUCKY

(P) Bowling Green	2.5 SSE;hwy W	540	40h R1 L5 S4	80,91 oct. Fld lgts on req to commun stn.
Somerset	5 N; RR W		20 S2	80 oct. Data unverified.

TENNESSEE

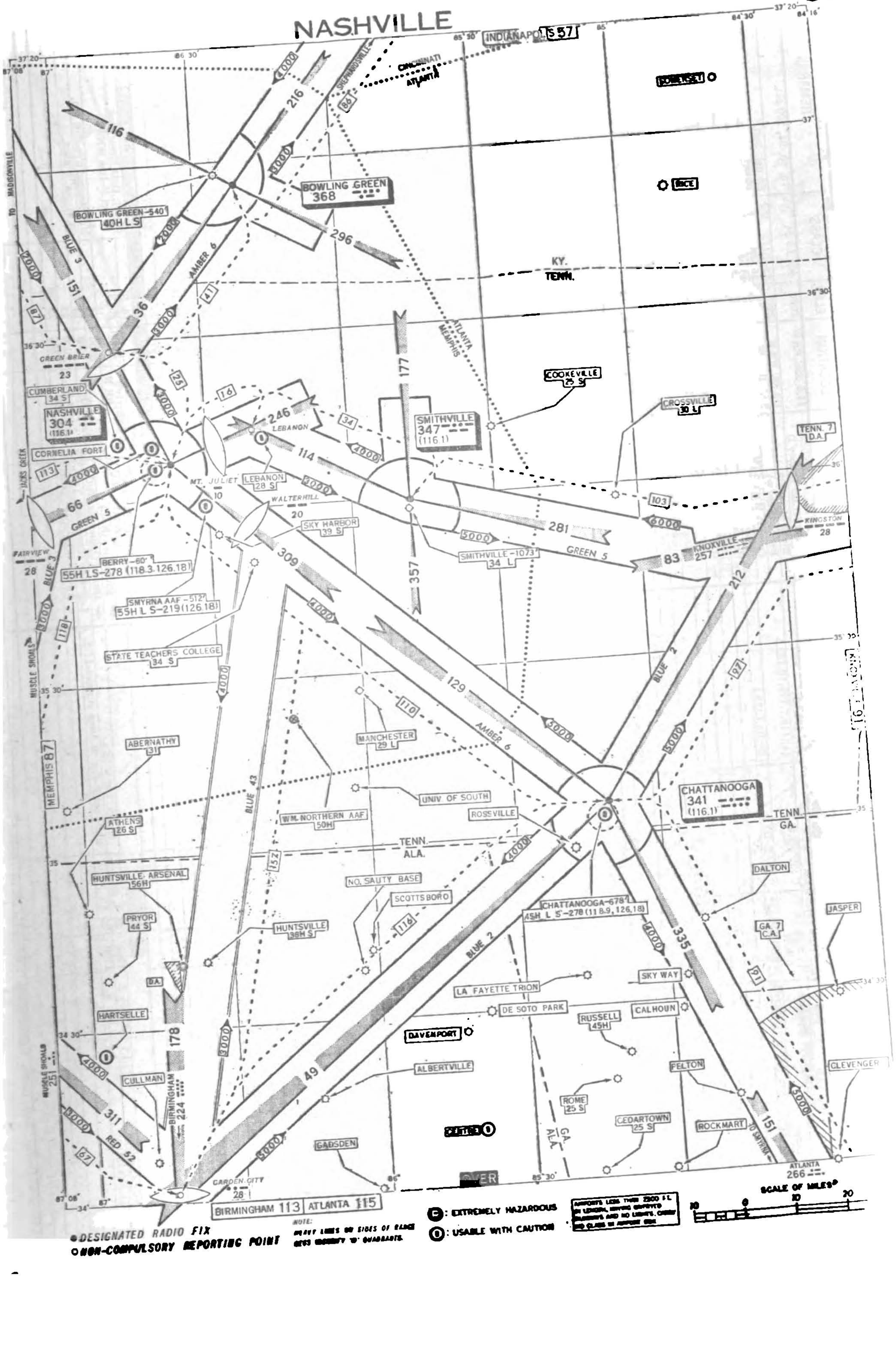
(P) Abernathy(Pulaski)	3.6 SSW;hwy NE	650	31 S1	80 oct. Trees E.
(P) BERRY (Nashville)	6 SE;hwy S	606	55h R3 L6 S6	73, 100 oct.
Boyd(McMinnville)(NC)	4.6 SW;RR N	1000	20	
CHATTANOOGA	5.5 E; RR E	678	45h R1 L5 S6	80, 91 oct.
Cookeville	1.5 NNE;RR N	1050	25 S4	80 oct. Sto. in emerg. Poles W
Cornelia Fort (Nashville)	4 ENE;riv E	420	30 S6	80 oct. Data unverified.
(P) Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	
↘ Cumberland(Nashville)	3 NNW;riv N	400	34 S6	80 oct. No storage.
★ Gallatin Int,66,DL-LV	1.5 NW;hwy NE			ABANDONED
Lebanon	1.8 SW;hwy E	522	28 S6	73 oct. No storage.
* Manchester Int,16A, AG-NA	4.5 ESE;hwy SW	1090	29 L3	53' trees W,N.
Sky Harbor (Murfreesboro)	7.3 NW;hwy SW	560	39 S6	73 oct. No sto. Poles NE.
* Smithville Int,5,NA-WA	1 E;road S	1073	34 R1 L3 S1	80 oct.
(A) Smyrna AAF (Nashville) (A)	17 SE;RR SW	512	55h R3 L5 S3	73,91,100 oct. JP-1. No rng.
State Teachers College (Murfreesboro)	2 E;hwy N	600	34 S4	80 oct. No storage. Poles N.
University of South (Cowan)	1.8 WNW;RR NE	870	23 S2	80 oct.
(A) William Northern (Tullahoma)(A)	2 WNW;road S	1081	50h	CLOSED.

NEW AIRPORTS

DeSoto Park Landing Strip (Ft. Payne, Ala.)	6 NE	1556	18	
Rossville, (Ga.)	2.1 SSW;hwy E	760	21 S1	80 oct. S blocked.
Rice (Monticello,Ky)	1.8 NE;hwy W	920	18 S2	80 oct. P-line W. Mtns E

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

NASHVILLE


INDIANAPOLIS 557
CINCINNATI
ATLANTA
SHEPHARDSVILLE
TO MADISONVILLE
BOWLING GREEN 368
BOWLING GREEN–540
40H L S
BLUE 3
AMBER 6
GREEN BRIER
23
CUMBERLAND
34 S
NASHVILLE
304
(116.1)
CORNELIA FORT
JACKS CREEK
MT. JULIET
LEBANON
28 S
WALTERHILL
20
SKY HARBOR
39 S
FAIRVIEW
28
BERRY–60°
55H LS–278 (118.3,126.18)
SMYRNA AAF–512'
55H L S–219(126.18)
STATE TEACHERS COLLEGE
34 S
MUSCLE SHOALS
ABERNATHY
31
MEMPHIS 87
ATHENS
26 S
HUNTSVILLE ARSENAL
56H
PRYOR
44 S
HUNTSVILLE
38H S
NO. SAUTY BASE
SCOTTSBORO
WM. NORTHERN AAF
50H
MANCHESTER
29 L
UNIV. OF SOUTH
ROSSVILLE
SMITHVILLE
347
(116.1)
SMITHVILLE–1073'
34 L
COOKEVILLE
25 S
CROSSVILLE
30 L
TENN. 7
D.A.
KINGSTON
28
KNOXVILLE
257
CHATTANOOGA
341
(116.1)
CHATTANOOGA–678'
45H L S–278 (118.9, 126.18)
DALTON
JASPER
GA. 7
C.A.
LA FAYETTE TRION
SKY WAY
DE SOTO PARK
RUSSELL
45H
CALHOUN
DAVENPORT
ALBERTVILLE
ROME
25 S
CEDARTOWN
25 S
ROCKMART
FELTON
GLEVENGER
HARTSELLE
CULLMAN
BIRMINGHAM
224
GADSDEN
GARDEN CITY
28
ATLANTA
266
BIRMINGHAM 113
ATLANTA 115
TENN.
KY.
ALA.
GA.
TENN.
GA.
E: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
SCALE OF MILES
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT

RADIO

SOUTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANDERSON	236(AS)(116.1)	MHTV	(4);116.1
GREENVILLE	281 (GC)(116.1)	BMLZ-DTV; 02°,1.9	(4); 116.1
Greenville AAB	272 (126.18)+	CA	(3); 126.18
MEMORIAL AIRPORT (Spartanburg)	317 (126.18) (118.7)	C ;58°; 1.6	(4);118.7,126.18,122.5
SPARTANBURG (Memorial Arpt)	24[illegible] (SU)(116.1)	SBRAZ-DTV	(3);116.1.122.1

TENNESSEE

KNOXVILLE	257 (KX)(116.1)	SBRAZ-DTV	(3); 116.1.122.1
Knoxville Airport	278 (126.18) (118.7)	C(ILS); 192°, 2.8	(4): 118.7, 126.18, 122.5
→ Knoxville Airport			DECOMMISSIONED
PIEDMONT FM	(- -)	FM; 63°, 28	Knoxville
TALLASSEE FM	(- - -)	FM; 192°, 23	Knoxville
→ TRI-CITY	221 (TI)(116.1)	SBMRAZ-DTV;252°, 3.3	(3);116.1
→ Tri-City Airport	278	C	(4);118.7,122.5,126.18

VIRGINIA

CHILHOWIE FM	(-)	FM; 65°, 43	Tri City, Tenn.

WEST VIRGINIA

PAYNESVILLE	356 (IR)	H	Operated by P.C.A.(6-23)

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KNOXVILLE	110.3	335	44°	IM-	MM- ·-·- (0.61)	OM- -- (4.34)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

GEORGIA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Buford)	1.5 S,hwy SW	1070	15 S1	80 oct. Pole line SW.
Crawford W. Long (Jefferson)	2.5 S,RR E	950	27 L1 S1-	80 oct. Pole line SE.
→ Elberton	2 SE,hwy W,N	800	19 S1	80 oct. Obst sur fld.
Gainesville	1.5 S,RR E,NW	1277	40h(L5)S6	80,91 oct.Lgts on req.
(P) Le Tourneau (Toccoa)	2.5 NE,RR S	950	30 L3 S4	80, 91 oct.
★ Winder Int,4,AG-LG	1.5 NE,bet rds	950	30 L3	Trees, bldg N.

KENTUCKY

Jody (London)	2.7 SSE;hwy E	1240	25 L S2	80 oct. Flood lgts.
Middlesboro	1.2 W,hwy S	1150	23 S6	80,91 oct.P-line W.Mtns surround fld.

h-hard surfaced runways, R-radio facilities. L-lighting facilities. S-servicing. (See page IV) (NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) ASHEVILLE-HENDERSONVILLE (Ashev'l)	11.5 SSE,RR W	2090	40h L5 S4	73, 80, 91, 100 oct.
Black Mountain	1.8 SW,RR N	2270	15 S1	80 oct. Soft.
Byers (Shelby)	3 SE,RR SW	875	16 S4	80 oct.
Francis Marion (Marion)	2.5 NE,RR NE	1450	19 S4	80,91 oct.
Franklin	1.2 ESE,riv W	1996	23 S2	80 oct.
Hendersonville	1.5 ESE,hwy SW	2200	30 S6	80, 91 oct.
Josephson (Asheville)	3 W,riv E	2200	20 S1	Ltd 80 oct. Trees NW,SE.
→ Morganton	2 NW,riv E			ABANDONED
Morganton-Lenoir (Morganton)	7.5 NE,hwy W	1253	33 S2	80,91 oct.
Rutherford(Spindale)	1.5 SSE,RR N	1012	17 S2	80 oct.
Sylva	2.4 NE,riv SW	2039	25 S2	No fuel.
→ West Jefferson	2 SSW,RR NNE			ABANDONED

SOUTH CAROLINA

Anderson	4.5 WSW,hwy S	783	50h R1 L5 S6	80, 91 oct.
Barksdale (Laurens)	2.8 E,RR NE	700	30 L S6	73 oct. Port rnwy lgts.Pole line NE
Bentley (Calhoun Falls)	3 ENE,RR NNW	500	16	
Chesnee (NC)	2 S,RR W	910	18	PRIVATE.
(A) Coronaca AAF(A)	3.8 N,RR E	629	50h	(Greenwood) CLOSED
Fairforest (Spartanburg)	5.8 WNW,rd W	830	23 S6	80 oct.
GREENVILLE	3.2 E,RR SE	1015	42h R1 L5 S6	80 oct.No bndry lgts.
(A) Greenville AAB (A)	7.5 SSE,hwy W	959	55h R1 L5 S6	73,100 oct. JP-1 No sto.
Greenwood	2.6 W,RR E	650	24 S6	73 oct.
(NP)MEMORIAL (Spartanburg)	2.5 SW,hwy SE	804	44h R2 L5 S6	80, 91 oct. 100 oct. for military. NATS
Paris Mountain (Greenville)	4.2 NNW,RR E	1006	21 S6	80 oct. Pwr line NW.

TENNESSEE

Island (Knoxville)	2.5 E	830	35 S4	80 oct. No sto.
(P) Knoxville Mun.-McGhee-Tyson (Knoxville)	12 SSW,hwy E	988	50h R3 L5 S6	91, 100 oct.
Morristown	5.7 ENE	1400	19 S1	73 oct.
(P) TRI-CITY	11.8 NNW Johnson City	1518	45h R2 L5 S6	80, 91 oct. 10.2 ESE Kingsport.

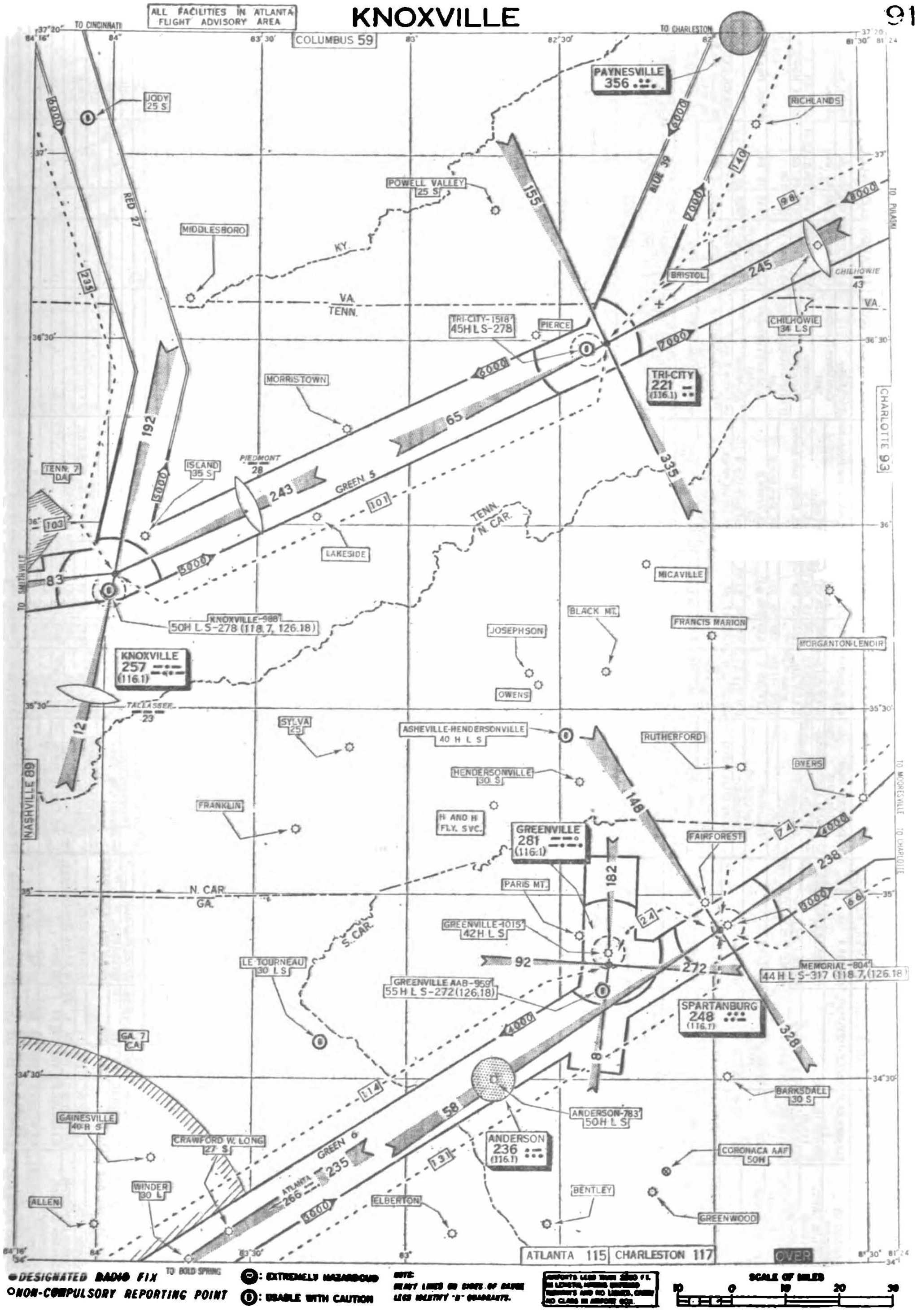
VIRGINIA

★ Chilhowie Int,29B,NA-WA	3.9 SE,riv N	2100	34 L3 S4	80 oct. Pole lines SW,NE.Riv SW.
Powell Valley (Big Stone Gap)	4 ESE,hwy NW	1700	25 S4	80 oct.Pole line ENE,hills W.
Richlands	2.7 WSW,RR N	1950	20 S2	80 oct.

NEW AIRPORTS

Bristol, (Va.)	3 NE		18 S1	80 oct. Data unverified
H & H Flying Service (Brevard, N.C.)	1.5 ENE;riv S RR N	2140	20 S1	80 oct.P-line WNW.
→ Micaville, (N.C.)	1 S;RR W	2500	21	N,S blocked Creek E Sto.
→ Owens (Asheville, N.C.)	2.3 SSW;RR E	1988	25 S6	80,91 oct. E blkd.
Lakeside (Dandridge,Tenn.)	6.5 E;hwy S	1000	23	
Pierce (Kingsport,Tenn.)	3 S;RR NW	1200	22 S6	80 oct.

KNOXVILLE


ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA
COLUMBUS 59
TO CINCINNATI
TO CHARLESTON
PAYNESVILLE 356
JODY 25 S
RICHLANDS
POWELL VALLEY 25 S
MIDDLESBORO
KY.
VA.
TENN.
BRISTOL
CHILHOWIE 43
CHILHOWIE 34 LS
TRI-CITY-1518' 45H LS-278
PIERCE
TRI-CITY 221 (116.1)
MORRISTOWN
PIEDMONT 28
ISLAND 35 S
TENN. 7 DA
GREEN S
LAKESIDE
TENN.
N. CAR.
MICAVILLE
BLACK MT.
FRANCIS MARION
MORGANTON-LENOIR
JOSEPHSON
OWENS
KNOXVILLE-988' 50H L S-278 (118.7, 126.18)
KNOXVILLE 257 (116.1)
TALLASSEE 23
SYLVA 25
ASHEVILLE-HENDERSONVILLE 40 H L S
RUTHERFORD
BYERS
HENDERSONVILLE 30 S
FRANKLIN
H AND H FLY. SVC.
GREENVILLE 281 (116.1)
FAIRFOREST
PARIS MT.
N. CAR.
GA.
S. CAR.
GREENVILLE-1015' 42H L S
LE TOURNEAU 30 L S
GREENVILLE AAB-959' 55 H L S-272(126.18)
MEMORIAL-804' 44 H L S-317 (118.7,(126.18)
SPARTANBURG 248 (116.1)
BARKSDALE 30 S
ANDERSON-783' 50H L S
ANDERSON 236 (116.1)
GAINESVILLE 40 H S
CRAWFORD W. LONG 27 S
CORONACA AAF 50H
WINDER 30 L
ALLEN
ELBERTON
BENTLEY
GREENWOOD
ATLANTA 266
GREEN 6
ATLANTA 115 CHARLESTON 117
OVER
TO SMITHVILLE
TO PULASKI
TO MOORESVILLE
TO CHARLOTTE
TO BOLD SPRING
NASHVILLE 89
GA. 7 CA
RED 27
BLUE 39
GREEN 5
GREEN 6
155
140
98
245
65
335
243
101
103
83
192
12
235
182
148
74
238
66
24
92
272
328
114
58
131
6000
7000
8000
5000
4000
3000
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
NOTE:
SCALE OF MILES
10 0 10 20 30

CHARLOTTE

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BMLZ-DTV;359°, 1.7	(3); 116.1
DOUGLAS ARPT. (Charlotte)	396(126.18, 118.9)	C	(4); 126.18,118.9,122.5
GREENSBORO	365(GW)(116.1)	SBRAZ-DTV	(3);116.1,122.1
Greensboro-High Point Airport	21[illegible](126.18, 118.7)	C; 241°, 1.5	(4);118.7,126.18,122.5
POPE (Ft. Bragg) (Army)	255(DOP) (116.1)	SBMRAZ-V ;355°,2.3	(3); 116.1
Pope Field	309(126.18)+	CA(ILS) 355°, 2.3	(3);126.18
RALEIGH (Raleigh-Durham Arpt.)	360(DU)(116.1)	SBRAZ-DTV (ILS) 299°, 3.8	(3);116.1,122.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4); 126.18,118.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	MRLWZ;315°, 6.1	
[redacted]			
FLORENCE	320(FLX)(116.1)	SBMRLZ-DTV; 292°,1.7	(4);116.1,122.1
VIRGINIA			
DANVILLE	344(VE)	MHW.	
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-DTV, 247°, 2.1	(4); 116.1
ROANOKE (Woodrum Field)	371(RO)(116.1)	SBRAZ-DTV, 349°,2	(3); 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	AC	(4); 122.5,118.5,126.18
NEW RADIO FACILITIES			
RALEIGH-DURHAM (Raleigh),N.C.	272 (126.18)	C	3105.6210.3117.5;126.18. 122.5,118.3

INSTRUMENT LANDING SYSTEMS (*Localizer and G.P. in mcs, Compass Locators in kcs*)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
POPE(A)				DECOMMISSIONED	
RALEIGH,	109.9	333.8	48°	IM-	MM- ·–·– (0.62) OM- ––– (4.43)
				MMK-	OMK-
				IM-	MM- OM-
					MMK- OMK-
				IM-	MM- OM-
					MMK- OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

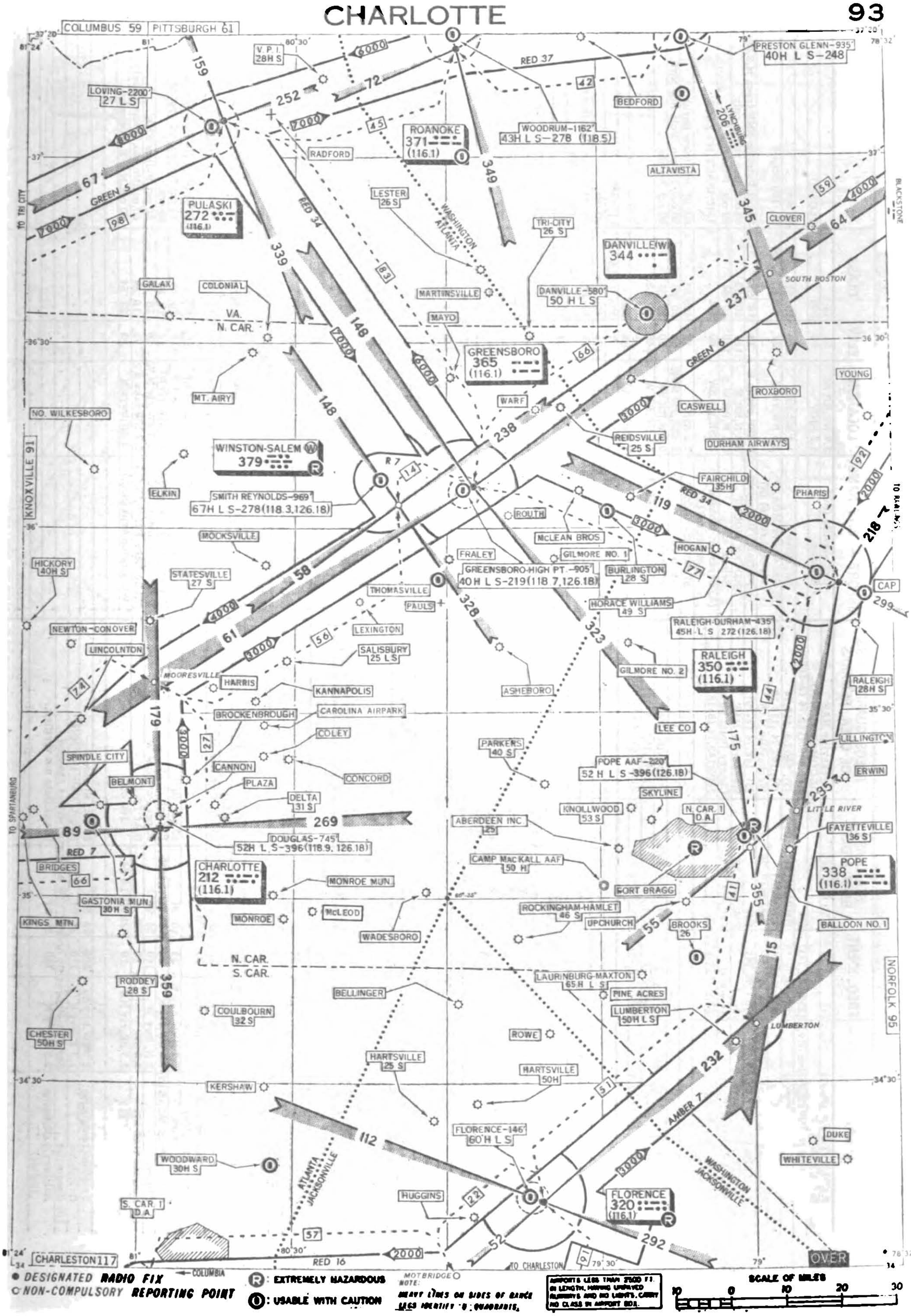
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25	Obsts sur fld.
Asheboro	1.8 SSW	864	18 S2	80 oct. Hwy NW.
(A)Balloon (Ft. Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct.No sto.P-line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	930	17 S2	80 oct.
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct.Pole line SSE.
Brooks(Red Springs)	1.2 N,RR SE	208	26	
(P)Burlington	4 SW,hwy W	638	37h L5 S6	80 oct.Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	960	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3.5 E	350	50h	TEMP INACT. NO FACS.
Candor (NC)	1.1 E,RR N	710	19	Pole line WNW.
Cannon (Charlotte)	3 WNW,hwy S	788	24 L S6	80,91 oct.Flood lgts req
Carolina Arpk Inc. (Kannapolis)	3.1 SSE;RR W	730	19 S2	No fuel.
Caswell (Yanceyville)	3.2 W; hwy E	640	20 S2	80 oct.
Cpley (Concord)	2 SW,RR E	790	12 S1	80 oct. Trees ESE.
Colonial Flying Svc. (Mt. Airy)	1.4 NNE,RR S	950	15 S1	80 oct.Pole line,trees NNW.
Concord	4.5 ESE,rd E,S	700	19 S2	80 oct.Pole line NE.
Delta Air Base (Charlotte)	6.7 E,hwy S	750	31 S6	80,91 oct.No sto.Poles NW
(P)DOUGLAS(Charlotte)	5.5 W.RR N	745	52h R2 L5 S3	80,91 oct.
Durham Airways	7.8 N,RR 2E	480	15 S6	80 oct.
Elkin	2.8 SW,RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW,riv SW	195	30 S1	80 oct. Pwr line S.
Fairchild (Burlington)	1.5 E.RR S	640	35h S4	80 oct.Trees N
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E.
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct.Strips rough. Trees SE.
Gastonia	1.3 SW			ABANDONED
Gastonia, mun.	4.5 SSE,hwy SW	800	30h L S1	80,91 oct. Port. rnwy lgts on req.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No.2 (Silver City)	4.1 SE,RR W	550	22	Pwr line SSE.
(N)GREENSBORO-HIGH POINT	8 WNW,RR SW	905	40h R2 L5 S6	80,91,100 oct.NATS
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW;hwy E	530	20 S2	80 oct.Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S4	80 oct.
Kannapolis	2.8 N,RR E	750	23 S6	80 oct. Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	53 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,91 oct. No flood lgts. Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE,RR E	400	19 S4	80 oct.No sto.Pwr line sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct.Pole lines SSW.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct.Pole line NW.
(P)Lumberton	3 WSW	126	50h L2 S6	80,91 oct. Hwy NNW.
McLean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct.
Mayo (Mayodan)	0.8 W,riv E	900	24 S1	80 oct.
Mocksville	2 W.RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW,hwy S	680	20 S1	80 oct. Trees NW.
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct. NNE blkd. Trees ENE.
North Wilkesboro	1.3 WSW,riv S	970	15 S4	80 oct.
Parkers (Eagle Spgs)	1.8 NW,RR S	700	40 S1	80 oct.
Pharis (Durham)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW.
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct.
(A)Pope (Ft. Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct
Raleigh	3.3 SSW,RR W	364	28h S6	80,91 oct.
RALEIGH-DURHAM (Raleigh)	10.5 NW,RR W	435	45h R3 L6 S4	80,91,100 oct.
Reidsville	3.2 SE;riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,W.Hwy
Roxboro	7 NE,RR 2.3W	600	21 S2	80 oct. E.
Salisbury	3 SW,RR E	764	25 L2 S6	73 oct.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S4	80 oct. No sto. Pwr line S.
(P)SMITH-REYNOLDS (Winston-Salem)	2.8 NNE,RR W	969	67h R2 L5 S6	80,91 oct. Rnwy data unver.
Spindle City (Gastonia)	3.2 E;hwy N	795	19 S2	80 oct.
Stanly (Albermarle)	6 WNW,hwy S			ABANDONED
Statesville	4.5 WSW	950	27 S2	80 oct. Trees N. RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel. hwy N.
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
Upchurch(Raeford)	0.5 NNE	255	15 S2	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees N,S.
Whiteville	3.7 S,RR N	60	18 S1	Ltd 80 oct.
Young Airfield (Oxford)	1.8 SW,RR NW	475	18 S1	Ltd 80 oct.

AIRPORTS — SOUTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Chester	5 NNE.RR W	709	50h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SSW,hwy SW	560	32 S4	80 oct.
Florence	3.5 E.RR SW	146	60h R1 L5 S1	80,91 oct.
Hartsville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE. hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
Little Rock	2.5 SE,hwy W			ABANDONED
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct.No sto.Pole line S, WSW.
Palmer (Bennettsville)	3.4 NNW, hwy E			ABANDONED
Roddey (Rock Hill)	2.7 SW,RR NW	664	28 S4	80,91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	190	29 S5	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	30h S4	80 oct.
VIRGINIA				
Altavista	6.1 NE,RR S	650	18 S1	80 oct. Trees SW.
Bedford	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW, riv E	350	20	Trees E,W,SE,NW. House E,SE.
(P)Danville	3.4 ESE	580	50h L5 S6	80,91 oct.
Galax	6.5 S,hwy E	2575	27 S4	80 oct.
Lester (Martinsville)	0.8 NNW, RR NE	1000	26 S2	80 oct. 20-75' bldgs SE.
Loving, 35A, NA-WA (Pulaski)	2.8 N,RR SE	2200	27 R1 L3 S4	80 oct. Poles SW.No sto.
Martinsville	3.5 SSE, RR NE	800	16 S2	73 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R3 L5 S6	80, 91 oct.
V.P.I. (Blacksburg)	1.3 SSE,RR W	2100	28h L1 S6	73,80 oct. Strip rough. 100 oct army.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Rd W.
NEW AIRPORTS				
Harris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	14 S2	80 oct.
Mc Leod (Wingate)(N.C)	1.5 SE; RR N	565	22 S4	80 oct. No sto.
Pauls Air Park (Thomasville,N.C.)	6 SE		27 S2	80,91 oct. Data unver.
Cap (Raleigh,N.C.)	2.7 NNE; bet RR,hwy		36 S6	80,91 oct.Hgh trees S, SW appchs.
Duke Fld (Chadbourn, N.C.)	1 N;RR SW	96	20 S4	80 oct.
Radford, (Va.)	2 SW	1900	19 S1	Fuel.Data unver.

h-hard surfaced runways; R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA

CHARLOTTE


COLUMBUS 59 | PITTSBURGH 61
V.P.I. 28H S
LOVING-2200 27 L S
PRESTON GLENN-935 40H L S-248
RED 37
BEDFORD
ROANOKE 371 (116.1)
WOODRUM-1162 43H L S-278 (118.5)
RADFORD
ALTAVISTA
LYNCHBURG 206
PULASKI 272 (116.1)
LESTER 26 S
WASHINGTON ATLANTA
TRI-CITY 26 S
DANVILLE/W 344
CLOVER
SOUTH BOSTON
BLACKSTONE
TO TRI CITY
GALAX
COLONIAL
VA.
N. CAR.
MARTINSVILLE
MAYO
DANVILLE-580 50 H L S
GREENSBORO 365 (116.1)
MT. AIRY
WARF
ROXBORO
YOUNG
CASWELL
NO. WILKESBORO
KNOXVILLE 91
WINSTON-SALEM 379
ELKIN
SMITH REYNOLDS-969 67H L S-278(118.3,126.18)
REIDSVILLE 25 S
DURHAM AIRWAYS
FAIRCHILD 35H
PHARIS
ROUTH
McLEAN BROS
GILMORE NO. 1
HOGAN
MOCKSVILLE
HICKORY 40H S
STATESVILLE 27 S
FRALEY
GREENSBORO-HIGH PT.-905 40H L S-219(118.7,126.18)
BURLINGTON 28 S
CAP
THOMASVILLE
PAULS
HORACE WILLIAMS 49 S
RALEIGH-DURHAM-435 45H L S 272(126.18)
NEWTON-CONOVER
LINCOLNTON
LEXINGTON
SALISBURY 25 L S
ASHEBORO
GILMORE NO. 2
RALEIGH 350 (116.1)
RALEIGH 28H S
MOORESVILLE
HARRIS
KANNAPOLIS
LEE CO
BROCKENBROUGH
CAROLINA AIRPARK
COLEY
PARKERS 40 S
LILLINGTON
SPINDLE CITY
CANNON
CONCORD
PLAZA
DELTA 31 S
POPE AAF-220 52 H L S-396(126.18)
ERWIN
BELMONT
SKYLINE
KNOLLWOOD 53 S
N. CAR. 1 D.A.
LITTLE RIVER
ABERDEEN INC 25
FAYETTEVILLE 36 S
DOUGLAS-745 52H L S-396(118.9, 126.18)
CAMP MacKALL AAF 50 H
POPE 338 (116.1)
BRIDGES
CHARLOTTE 212 (116.1)
MONROE MUN.
FORT BRAGG
GASTONIA MUN. 30H S
ROCKINGHAM-HAMLET 46 S
BROOKS 26
BALLOON NO. 1
KINGS MTN.
MONROE
McLEOD
WADESBORO
UPCHURCH
N. CAR.
S. CAR.
LAURINBURG-MAXTON 65 H L S
PINE ACRES
RODDEY 28 S
BELLINGER
LUMBERTON 50H L S
COULBOURN 32 S
LUMBERTON
NORFOLK 95
CHESTER 50H S
ROWE
HARTSVILLE 25 S
HARTSVILLE 50H
KERSHAW
FLORENCE-146 60 H L S
DUKE
WHITEVILLE
WOODWARD 30H S
ATLANTA JACKSONVILLE
HUGGINS
WASHINGTON JACKSONVILLE
S. CAR. 1 D.A.
FLORENCE 320 (116.1)
CHARLESTON 117
COLUMBIA
RED 16
MOTBRIDGE
TO CHARLESTON
OVER
TO SPARTANBURG
159
72
252
67
GREEN 5
98
349
339
RED 34
83
148
238
345
64
237
GREEN 6
66
14
119
218
92
77
61
56
328
323
74
179
27
89
RED 7
269
66
58
299
44
175
235
355
15
359
51
232
AMBER 7
112
57
22
52
292
91
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE "B" QUADRANTS.
AIRPORTS LESS THAN 3500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT SIDE.
SCALE OF MILES
30 20 10 0 10 20 30

RADIO

NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM; 64°, 14	Weeksville NAF
BOGUE MCAAF			DECOMMISSIONED
CAMP LE JEUNE OLF(New Riv.)	3295(142.74)	CN	3105.4495:142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ;141°,4.0	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN(GCA)	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM; 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
MANTEO FM (Navy)	(- -)	FM; 139°,32	Weeksville NAF
NEW BERN FM (Navy)	(- - - -)	FM; 321°,13.6	Cherry Point MCAS
OAK GROVE MCAAF (Pollocksville)	3295 (142.74)	CN	3105;142.74 (8-18)
SOUTH MILLS FM (Navy)	(- - - -)	FM; 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	524(NFG)	MRL	(3);142.74(V- 7-19)
Weeksville NAF-LTA	3295 (142.74)	CN; 319°, 0.5	3105; 142.74 (8-1630)

VIRGINIA

BLACKSTONE	326(KT)(116.1)	BMLZ-DTV;133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM; 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM; 276°, 16	Norfolk
LANGLEY FIELD (Army)	221(DLY)(116.1)	SBMRAPZ-DTV;102°,3.8	(3); 116.1
NORFOLK	239 (NW)(116.1)	SBMRLZ-DTV;44°,3.3	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ; 276°,2.9	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h	
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct.Fld lgts prior req.(Wilmington
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h	CLOSED.
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jacksonville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS (N)	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct.
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	See Pitt-Greenville under "New Airports"-name changed.			
Halifax Co.(Roanoke Rapids)	3 SW,hwy N	140	25 S1	80 oct.Data not verified.
Henderson	3 S,RR W	490	23 S6	80,91 oct.No sto. Pole lines S. Rnwy data not verified.

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
Kinston	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Polloksville) (N)	2.5 NW,riv S	27	40h R1 L S4	91, 100 oct.
Peiffer(Wilmington)	6 ESE,ocean E	10	18 S1	80 oct.Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E.
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	TMP INACT NO FACS
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 S6	80 oct. No sto. Pole line NNE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto.
★ Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	1.8 N,hwy W	38	50h	
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L5 S4	91, 100 oct.
(P) Wilson (N)	4.2 NW,hwy E	161	45h S6	80 oct.
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S1	80 oct.

VIRGINIA

Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5	Rnwy lgts on req.ARMY TEMP INACT;
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC) CIVIL EACS.
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct.
Hopewell	3.3 E,riv N	20	24 S6	80 oct.
Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80 oct.
Petersburg	6.2 WSW,RR N	190	50h	CLOSED
Scott (Williamsburg)	1.3 NNW,RR SW			ABANDONED
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29	20-60' trees NE,SW,W. (NC)

NEW AIRPORTS

Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.
(P) Pitt-Greenville (Greenville,N.C.)	1.8 NNW;RRE	25	50h L3 S1	80,91 oct.Lgts on req.
Dixie Holland (Cape Charles,Va.)	1.5 ENE;hwy S		22 S1	80 oct.Unverified.
Roanoke Isl.(Manteo,N.C.)	1.5 NW;rd NE	12	33h L5 S4	80,91 oct.Lgts on req.Data unver.
Morehead City,(N.C.)	5 WNW;RR N	15	23 S4	80 oct.No sto.All appchs blkd.
Piney Grove (Kinston,N.C.)	2.1 SSW;riv NE	43	18 S1	80 oct.
Smith Fld (Kinston,N.C.)	3.7 SW;riv N,W	40	26 S4	80 oct.P-line ENE
White Lake Beach,(N.C.)	0.2 NW;lake S	75	18 S4	80 oct.No sto.(White Lake)E,W blkd.
Wilmington Arpk (N.C.)	3 SE;hwys N	20	27 S4	80 oct,N & E blocked.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) (NC)-Not charted. → NEW OR REVISED DATA

NORFOLK 95

ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA

PITTSBURGH 61 | WASHINGTON 63

TO CHESTER

TO WASHINGTON

TO SOUTH BOSTON

FARMVILLE

BLACKSTONE 326 (116.1)

LANGLEY AAF 221 (116.1)

DIXIE HOLLAND

HOPEWELL

COLONIAL HGTS 25 S

VA. 3 D.A.

RICHMOND 260

BACONS CASTLE

BUCKROE BEACH

CAPE CHARLES

NAS. NORFOLK 356

HAMPTON ROADS

WHITEHURST

RAWLINGS

BLACKSTONE-440 53 H

PETERSBURG 50H

ALBERTA

ECLIPSE 16

NORFOLK 239 (116.1)

FOR DETAILS IN THE NORFOLK AREA SEE CHART 139

DEEP CREEK 10

VA. 2 D.A.

LAWRENCEVILLE 28 L S

EMPORIA 50 H L S

HENDERSON

VA.
N. CAR.

CREEDS 25 H

HALIFAX CO.

SOUTH MILLS 18

BARCO 40H

AYDLETTE 14

WARRENTON 28 L

CGAS. ELIZABETH CITY -10'
72 H L S-278 (142.74)

ROCKY MOUNT 40H S

WOODVILLE

NAS. WEEKSVILLE 524

VA. 2 D.A.

FRANKLIN

TARBORO 30 S

NAS. EDENTON 72 H

VA. 2 D.A.

WILSON 45 H S

AVALON 28 S

EDENTON 26

NAF. WEEKSVILLE -7'
37 H L S-3295 (142.74)

MANTEO 32

ZEBULON

PITT-GREENVILLE 50H

WASHINGTON 50H

ROANOKE IS. 33 H S

INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000 FEET TO 18,000 FEET ABOVE SEA LEVEL WITHIN 60 MILE RADIUS OF MCAS, CHERRY POINT.

SELMA

KINSTON 50 H

GOLDSBORO 25 S

MCAS. CHERRY PT. 224

SMITH

PINEY GROVE

SIMMONS-KNOTT 40 H S

MT OLIVE

N. CAR. 3 D.A.

CLINTON

NEW BERN 14

SEYMOUR-JOHNSON AAF-80' 50H

MCAS. CHERRY POINT-29'
76H L S-3295 (142.74)

MCAAF. OAK GROVE -27'
40H L S-3295 (142.74)

WALLACE

N. CAR. 3 D.A.

WHITE LAKE BEACH

CAMP LE JEUNE OLF -24'
50 H-3295 (142.74)

MCAAF. ATLANTIC 35 H

BURGAW

MOREHEAD CITY

BEAUFORT-MOREHEAD CITY 43H

MCAAF. BOGUE -22'
40 H

WASHINGTON OCEANIC CONTROL CENTER

JACKSONVILLE OCEANIC CONTROL CENTER

BLUETHENTHAL 70H S

INTEN. INSTRUMENT TRAINING WITHOUT LIGHTS DURING HRS. OF DARKNESS FROM SEA LEVEL TO 18,000 FEET.

PEIFFER

WILMINGTON

CAROLINA BEACH

CHARLESTON 117

CHARLOTTE 93

RALEIGH 350

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE: HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY 'B' QUADRANTS.

Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

SCALE OF MILES
10 0 10 20 30

OVER

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(vhf)	SBRAZ-DTV, 149°, 0	(4);116.1,122.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°,16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°,11	Long Beach
LA HABRA FM	(. . -)	FM, 77°,21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°,42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18,118.3, 122.5
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV, 298°, 3.9	(3);116.1,122.1
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV,244°,3.5	(3):116.1,122.1
LOS ANGELES	109.1(LA)	BVAR; 88°, 2.0	
MARCH FIELD (Riverside)	201 (126.18)+	CA	(3); 126.18
MIRAMAR MCAS (San Diego)	3295(142.74)	CN(GCA)	(3); 142.74
MOJAVE NAS			DECOMMISSIONED
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA; 64°,2.2	(3); 126.18
NEWHALL (Int.)	209(NH)(116.1)	SBMRLDTV,317°,0.1	(4); 116.1
OCEANSIDE	326(OC)(116.1)	BHTV	(4); 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°,34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-DTV, 216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105;142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(vhf)	SBMRAZ-DTV, 127°,2.9	(4);116.1,122.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
SAN CLEMENTE ISLAND OLF			DECOMMISSIONED
SAN DIEGO (Lindbergh Field)	224(SQ)(vhf)	SBRAZ-DTV, 139°, 2.3	(3);116.1,122.1
San Diego NAS	266 (142.74)	CN	(3);126.18,142.74
San Diego NAS (Seaplane)	2870	CN	2870
TRONA (Int.)	323 (EW)	SMRAWZ, 349°, 11	
VICTORVILLE AAF	278 (126.18)	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.

+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S,hwy E	2470	25 L S2	Ltd 73 oct. Port rnwy lgts
Arlington(Riverside)	4.5 WSW,RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE,RR N	2190	52h L5 S5	80,91 oct. No sto.
Barnes(Rosamond)	12 E,rd N	2300	38	(NC)
Barstow	1.8 N,hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW,hwy 3	6850	35 S1	80,91 oct.
Borderland(San Ysidro)	1.5 WNW,RR W	80	18 S6	80,91 oct. No sto. Pole line SE.
Boron	0.5 NE,RR S	2550	21 S1	80 oct. Poles E. Data unver

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Brown NAAS (Otay)(N)	5.5 ESE	523	60h	INACTIVE.
Buffalo Springs(Avalon) (NC)	7 NW	1560	35	On Catalina Island. PRIVATE.
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside)(N)	6 NNE,RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island)(N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea)(N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct. 1000' paved rnwy. Data unver.
El Cajon	2.5 N,hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE,RR N	1256	26 S4	80 oct, No sto. Hills NW.
Engel(Escondido)	1.5 W,RR N	630	19 S4	73,91 oct. No sto. Trees SE, hill NW.
Gibbs(San Diego)	7 NNE,hwy W	405	29 S4	87 oct. No sto. Poles NE,E
→ Gilles, ie (El Cajon)	2 NNW;rd E	385	54h	Towers W. Santee.
Harmon(San Jacinto)	1.4 SW	1600	23 S6	80 oct, No sto. INACT
(A) Hawes(Victorville)(A)	27.5 N,RR N	2319	56h	CLOSED
→ Hi Hi Sky Ranch (Oceanside)	1.5 ENE,RR S	48	18 S6	80,91 oct. No sto. Trees SW.
(A) Holendale(Victorville)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct. No sto. Pwr line W
(N) Inyokern NAF (N)	0.5 WNW,RR E	2455	72h	NATS
Jamacha(La Mesa)	6.8 ESE,riv N	520	18 S6	80,91 oct. Hills E.
La Cresta(Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
Lake Elsinore(Elsinore)	4 SSE,lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW,hwy N	500	27 S4	80 oct. Pole line SSE.
Lancaster	0.5 NW,RR E	2330	22 S4	73 oct, No sto. Poles E,S
La Pressa(La Mesa)	4 S,hwy W	275	19 S4	80 oct.
Liberty(Rosamond)	4.1 S,RR E	2300	39h	
→ LINDBERGH (San Diego)	2 W	14	88h R2 L5 S6	80,91 oct. ARPT OF ENTRY.
(A) March (Riverside) (A)	8.8 SE,RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW,RR N	550	21 S6	80,91 oct. Poles E.
(A) Mirage(Victorville)(A)	18 WNW,rd S	2865	37h	CLOSED
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct. No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N) (NAS)	0.7 E,hwy W	2751	59h	INACTIVE
Morrow (Rialto)	1.8 S,RR N	1100	35 S5	80,91 oct. Pwr line W.
(A) Muroc AAF (A)	2 S,dry lake N	2284	80h R2 L5 S6	73,100 oct. JP-1. No sto.
National City	1.1 SSE,RR W	10	22 S4	80 oct. Poles, stack NW.
(P) Palmdale	3 NE,RR W	2549	70h R1 L5 S2	91,100 oct.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req.
Peik (San Diego)	4.8 WNW	20	28 S4	80 oct. No sto. Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S6	80,91 oct. Port rnwy lgts. Data unver.
Randsburg (NC)	1.8 NE,rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N,RR W	400	15	
San Bernardino	4.7 NNW, RR W	1156	30h L S6	80,91 oct. Port rnwy, obst lgts prior req. Rnwy data
(A) San Bernardino AAF (A)	3.5 ESE,RR SW	1120	76h R1 L5 S6	62,73,91,100 oct, unver. JP-1
San Bernardino Co. (Daggett)	5 E,RR S	1927	64h R1 L3	
(N) San Clemente Island OLF (N)	6 S of N end	926	50h	INACTIVE.
San Diego	9 NW,bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	1.5 WSW	25	60h R1(L6)S6	91,100 oct. NATS
→ San Marcos Valley (San Marcos)	1 W;hwy,RR N	530	19 S4	80 oct. No sto. Hill NE Pwr line E

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island OLF (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE,hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N,RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE,RR S	1015	29 L S4	91,80 oct. Poles SE,W. Port rnwy lgts.
(A) Victorville AAF(A)	6 NW,RR E	2880	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW,RR E	3225	32 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W,hwy N	2348	31	
Warner Hot Springs	3 W,hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S
Wolfe's Arpk (Otay)	1.2 SE,RR W	220	30 S1	80,91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona OLF (N)	3 SW	1440	40h	
Sweetwater OLF(San Diego)	7.4 E	480	30h	

LOS ANGELES

97

ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA

FRESNO 73

NAF, INYOKERN 72H

TRONA (W) 323

CALIF. 9 D.A.

DAGGETT 365 (111.1, 116.1)

MOJAVE-2751' 59H

CALIF. 17 D.A.

MUROC AAF (R) 350

BORON

TEHACHAPI 45 S

MUROC AAF-2284' 80H L S-219(126.18)

HAWES 56H

HELENDALE 56H

CALICO 58

BARSTOW

LA CRESTA

AMBER 1

AMBER 2

WHEELER RIDGE

LEBEC 42

LANCASTER

LIBERTY 39H

STERK'S

WAR EAGLE

ANTELOPE VALLEY 25 S

QUARTZ HILL

PALMDALE 2549' 70H L

MIRAGE

GREEN 4

MIRAGE 37H

VICTORVILLE AAF-2880' 74H L S-278 (126.18)

SAN BERNARDINO CO.-1927' 64H L

CASTIAC 41

VICTORVILLE "66"

CALIF 17 D.A.

NEWHALL (R) 209 (116.1)

PALMDALE 332 (116.1)

LOS ANGELES 260 (111.1, 116.1)

SUMMIT

BLUE 14

SAN BERNARDINO 30H S

FONTANA 17

BIG BEAR 35 S

MORROW 35 S

SAN BERNARDINO AAF-1120' 76H L S-272 (126.18)

DOWNEY 11

LA HABRA 21

TRI-CITY 29 S

LOS ANGELES (VHF) W-109.1

RIVERSIDE 30 S

BLUE

YELLOW

GREEN 5

INDIO

BANNING 25

BANNING 52H L S

HARMON

PALM SPRINGS 69 H

INDIO 34 S

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

ARLINGTON 32 S

HUNTINGTON BEACH 11

RIVERSIDE 388 (111.1, 116.1)

ELSINORE

LAKE ELSINORE

LONG BEACH 233 (111.1, 116.1)

MARCH AAF-1533' 70H L S-201(126.18)

CALIF. 13 D.A.

FOR DETAILS IN LOS ANGELES AREA SEE CHART 137

CAMP PENDLETON OLF 64H S

OCEANSIDE 326 (116.1)

WARNER HOT SPRGS 35 S

SAN MARCOS VALLEY

ENGEL

OCEANSIDE 34

McCORMICK

HI HI SKY RANCH

DEL MAR 26 S

MT. LAGUNA 254 (116.1)

CALIF. 13 D.A.

SAN DIEGO 224 (111.1, 116.1)

MCAS, MIRAMAR-480' 60H L S-3295(142.74)

SAN DIEGO

GILLESPIE 54H

SWEETWATER SPRGS.

EL CAJON

LA MESA 13

GIBBS 29 S

PEIK

SAN NICOLAS IS. OLF 63

SAN CLEMENTE IS. OLF 50H

SAN DIEGO

LINDBERGH-14' 88H L S-278(118.3,126.18)

LA PRESSA

JAMACHA

NAS, SAN DIEGO-25' 60H L S-266(142.74) (SEAPLANE-2870)

NATIONAL CITY

CORONADO 10

LA MESA 27 S

CALIF. 7 D.A.

WOLFE'S

NAAS, BROWN 60H

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

BORDERLAND

NAAS, REAM-23' 50H S-3295 (142.74)

TO MORGAN HILL

TO SANTA BARBARA

TO NEEDLES

TO BLYTHE

TO EL CENTRO

LAS VEGAS .75

BLYTHE 99

SILVER LAKE 269

BAKERSFIELD 239

SANTA BARBARA 71

INDIO 242

OVER

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY 'A' QUADRANTS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.

SCALE OF MILES

10 0 10 20 30

BLYTHE

RADIO AIDS

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-DTV,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA (Fly)	230(UP)(116.1)	SBMRAZ-DTV,165°,5.8	(4); 116.1

CALIFORNIA

BLYTHE (AAF)	251(YH)(116.1)	SBMRAZ-DTV,268°,4.1	(4); 116.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-DTV	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-DTV	(4); 116.1
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aguila	1.5 NNW	2000	45h	
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
Conner (Quartzsite)	0.3 SSW,hwy N	850	38	150' hill S.
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echevarria (Wickenburg)	See Wickenburg under "New Airports" - name changed.			
(A) Gila Bend AAF (A)	4 S,hwy W	850	62h R1 L5	TEMP INACT. NO FACS
(A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
(A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT.NO FACS
Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S1	80 oct.
Parker	1.4 ENE;RR W	430	32 S2	No fuel. Fld rough.RR S.
Salome (NC)	0.7 S,hwy N	1876	45	15' poles NW.
Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,riv E	2000	24	Trees SSE.
Smiley (Wellton)	13 E,RR S	250	26	Poles SW, NE. (NC)
Somerton	3 ENE,RR W	250	30 S3	80 oct.No sto.
★ Tonopah Int,31, LA-PH	5 NNE Wintersburg	1102	34 L2	
Wellton	0.5 NW,RR S	225	24 S2	73,80 oct.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct.Poles SE,E. ARPT OF
Calexico	1.2 W,riv N	0	28 S6	80,91 oct.Data unver. ENTRY
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto.35'poles all zones.
(N) Clark's Dry Lake OLF (N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF -North (N) (NC)	21 NW El Centro	300	26	
(N) Coyote Wells OLF -South (N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE,rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck)
(N) EL CENTRO NAS (N)	7 WNW,RR S	-43	69h R2 L5 S4	91, 100 oct. No sto.
Gary (Blythe)	5 NNW,RR N	392	29h	
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct.No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S4	80,91 oct.Poles N. only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct.Poles SE.No bcn.Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF (Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		24 S6	80 oct. N,S taxiing only. Rnwy data unver
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req.
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W. CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	

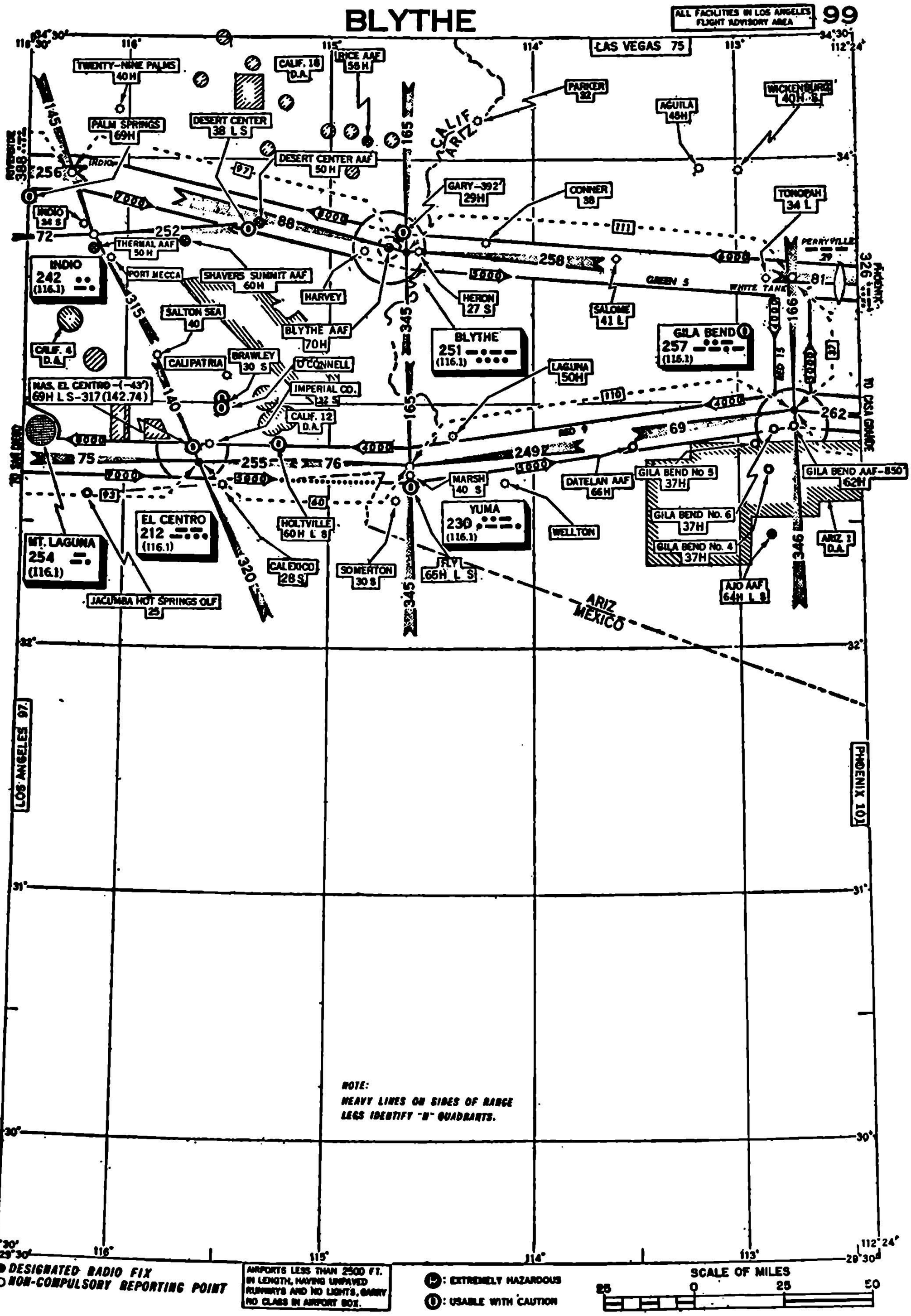
NEW AIRPORTS

(P) Fly (Yuma,Ariz.)	4.5 SSE.RR N	213	65h R1 L2 S2	80 oct. Ltd sto. Bndry lgts
Wickenburg Mun. (Ariz.)	14.8 WSW;RR N	2380	40h S2	80,91 oct. prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → New or revised data.

BLYTHE

ALL FACILITIES IN LOS ANGELES FLIGHT ADVISORY AREA



PHOENIX

RADIO

ARIZONA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CJ)(116.1)	SBMRAZ-DTV,253°,2.2	(4); 116.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(4);116.1,126.18,118.3,122.5
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3), 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	326(PH)(116.1)	SBMRAZ-DTV,261°, 2.3	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-DTV;307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
RODEO (Int.)	254(RH)(116.1)	BMRLZ-DTV,24°,0	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Tonia (Phoenix) (NC)	6.2 SW,RR N	1050	26	
Bisbee	6.4 SSE,RR W	4750	45 L S4	80 oct.Poles W.Port.rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Greenlee (Clifton)(NC)	8.7 SSE,hwy W	3800	35	
★ Cochise Int,T-3,PH-EO	6 S,hwy E	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S,RR E	1450	34	
(A) Coolidge AAF (A)	6.4 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW,RR E	1450	21 S1	80 oct. Pole line E.
Cutter (Globe)	6.8 ESE,RR N	3150	42 S4	80 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	5 SE,RR SW	2692	80h R2 L5 S6	73-100 oct. JP-1.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	TMP INACT NO FACS Twrs E.
Duncan	1 NE	3650	36	Poleline, race track W.
Falcon (Mesa)	7.3 NE,hwy S	1332	31h S6	80,91 oct.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	TMP INACT NO FACS
(P) Ft.Apache (White River)	2.6 SSW,riv S	5200	34	Trees S.
(A) Ft. Huachuca (A)	4 E,RR NW	4635	40	
Gilpin (Tucson)	4.2 NW,RR W	2200	61 L5 S6	80,91 oct.Poles E, SW.
Hayden	1.2 S,hwy E	1910	24	
(A) Hereford AAF(A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct.Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW,riv E	3100	31	RR E
Litchfield (Litchfield Park)(NC)	0.5 NW,canal S	1062	23	Trees SW.
(N) Litchfield Park NAF (N)	4.8 S,riv E	968	60h R1 S1	100 oct.
(A) Luke (Phoenix)(A)	18 WNW	1106	45h	TMP INACT NO FACS
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	TMP INACT NO FACS.
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W.
Mesa Airpark	1.4 W,RR SE	1238	27 S1	80 oct. Poleline E.
Nogales Central	3 N,RR E	3600	22 S6	80 oct.No sto.
(P) Nogales International	8 NE,hwy N	3938	60h L5 S4	73,80,91 oct.All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35	
Paradise (Phoenix)	6 NNW,canal S	1256	26 S2	80,91 oct. Trees S
Phoenix Airhaven	3.9 WNW,RR W	1150	30 S6	80 oct.No sto.Poles SW,NE.
★ Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	30 L4	
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford	4.5 ENE,riv S	3176	48h L5 S5	80,91 oct.Fld lgts prior req.
Sahuarita Flight Strip	2.2 E,hwy W	2758	54h	
Sells (NC)	2 NW,rd E	2380	30	
Silverbell (Tucson)	11.2 NW,RR E	2100	21 S1	80 oct.
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	73,80,91,100 oct.
Superior (NC)	2 WSW,hwy N	2600	15	Pole line NE.
Tempe	1.2 SW,RR E	1160	26 S6	80 oct.Poles E,trees W.
Three Point (Casa Grande)(NC)	1.5 NNW,RR SW	1400	32	
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	25	Allway: 2500 x 2000'
Toltec	0.4 NNW,RR W	1500	26	Poles SSW,SW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	28 S1	Ltd 80 oct.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct.No sto.Poles S,SE.
Wickersham (Safford)	2.5 S,RR NE	3000	32 S6	80, 91 oct.
Willcox (NC)	0.9 WNW,hwy E	4186	36	75' trees SE,bldgs NE.
(A) Williams (Chandler) (A)	10 E	1360	60h R1 L5 S6	73, 91, 100 oct. JP-1.

NEW MEXICO

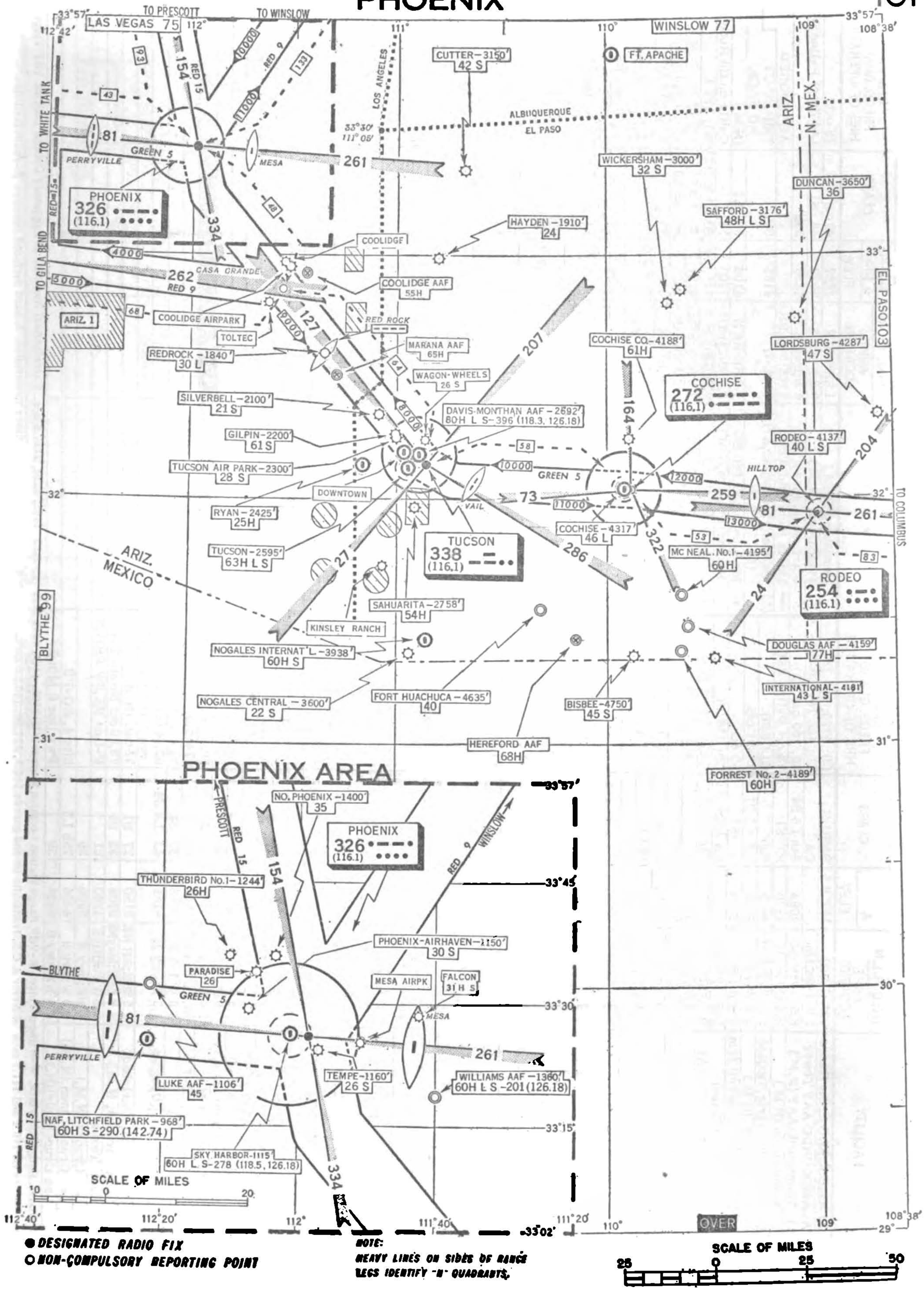
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
★ Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.

NEW AIRPORTS

Downtown (Tucson,Ariz.)	1.4 S;RR SW	2400	42 S2	80,91 oct.Poles N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA.

PHOENIX



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS.

EL PASO

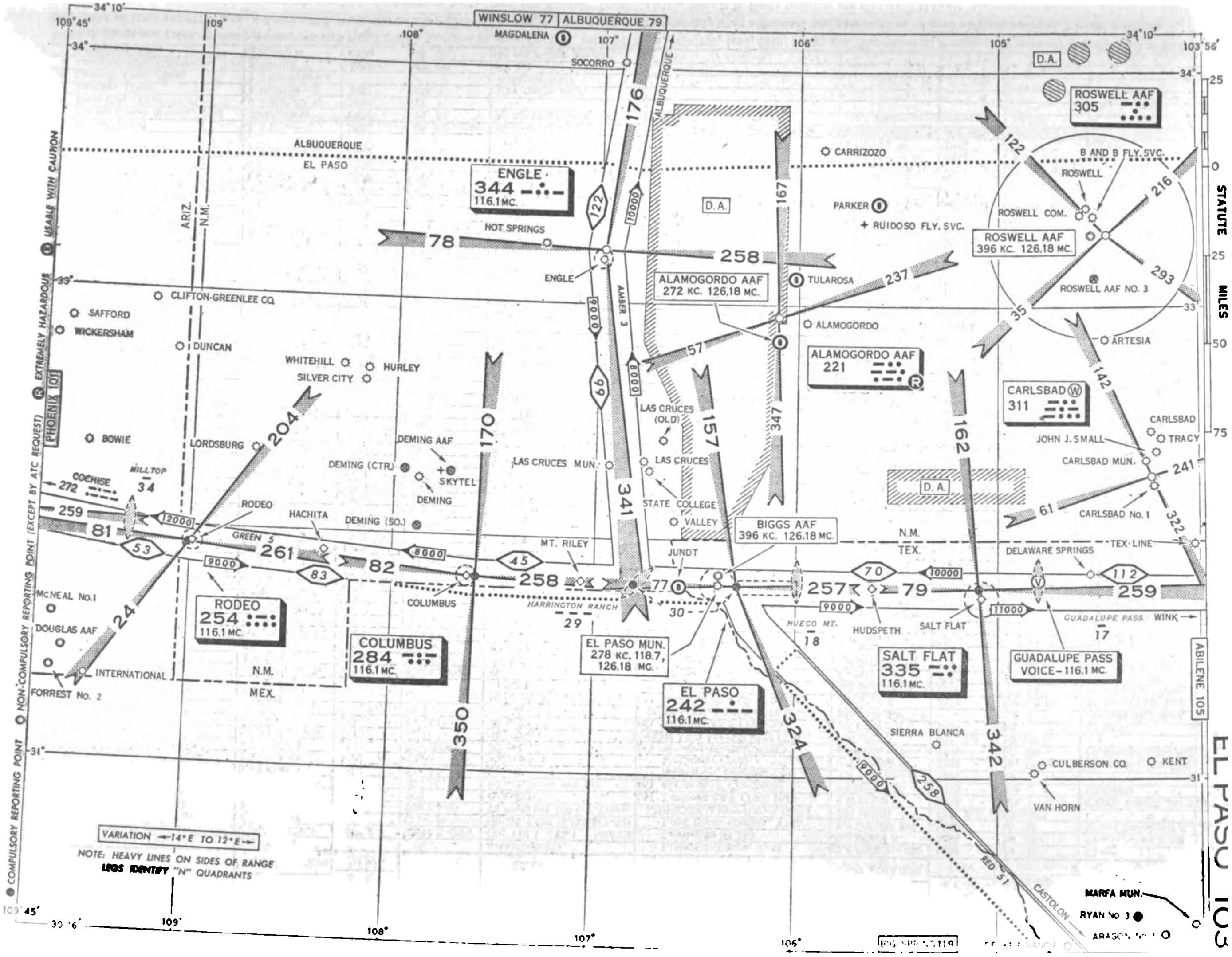
FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMOGORDO Army Range	221 (DGR)	167°,6.5	BMRLZ	(3); 4220; 126.18
ALAMOGORDO AAF Tower	272 (126.18)		CA	(3); 126.18 (730-24)
(A) Alamogordo AAF (N.M.)	8.5 SW;hwy S	4092	84h L5 S4	73, 100 oct. (A)
Alamogordo (N.M.)	2.4 N;hwy W	4320	29 S1	73 oct. P-line ESE
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED.
(P) Artesia Mun. (N.M.)	4.2 W;rd S	3550	69h L5 S1	73-91 oct.
B&B Fly.Svc.(Roswell,N.M)	2 S;RR E	3600	32 S2	80 oct.
BIGGS Tower (Texas)	396 (126.18)+		CA (ILS-W)	(3); 126.18
(A) Biggs (El Paso,Tex)(A)	6 NE;RR W	3937	96h L5 S6	73,91,100 oct JP-1.
Bowie (Ariz)	1.9 W;RR N	3800	20	P-line NE,W.
CARLSBAD Range (N.M)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad,mun.](N.M.)	6.1 SSW	3276	65h L5	Hwy E. Rnwy lgts on req
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Carrizozo (N.M.)	0,6 N;hwy S	5420	33	
Clifton-Greenlee Co.	8.7 SSE;hwy W	3800	35	(Clifton, Ariz)
COLUMBUS Range (N.M)(Int)	284(KS)(116.1)	262°,1.9	SBMRAZ-DTV	(4); 116.1
★ Columbus Int,34,PH-EO	0.6 ESE;hwy N	4024	42 L3 S1	73 oct. (N.M.)
(P) Culberson Co.(Van Horn)	3.5 ENE;RR S	3955	60h	(Texas)
Decker Ranch (Candelaria)	11.5 N	3650	29	PRIVATE. (Texas)
★ Delaware Springs Int.,11, EO-FV (Texas)	16.8 E of Pine Springs	3955	40 L3 S1	91 oct. P-line SSE
(A) Deming AAF (A) (N.M)	2 ESE;hwy W	4314	81h	CLOSED.
Deming Arpk (N.M.)	6 WSW;RR N	4300	31 S4	73 oct. No sto.
(A) Deming (South)(N.M.)(A)	19.5 SSW	4240	60h	CLOSED.
(A) Deming (Center)(N.M.)(A)	11.5 W;hwy S	4440	60h	CLOSED.
(A) Douglas AAF (Ariz)(A)	8.5 NNW	4159	77h	TMP INACT. NO FACS.
Duncan (Ariz)	1 NE;race track W	3650	36	P-line W. Twrs E.
EL PASO Range (Tex)	242(EO)(116.1)	257°,4.9	SBRAZ-DTV	(3); 116.1, 122.1
EL PASO Tower (Tex)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,118.7,126.18
→ [El Paso Mun.](Tex)	4.8 ENE;RR SW	3936	70h L6 S1	73,91,100 oct. No sto. ARPT OF ENTRY.
ENGLE Range (N.M.)(Int.)	344(EX)(116.1)	172°,2.9	SBRAZ-DTV	(4); 116.1
* Engle Int,10,EO-PU(N.M.)	2.6 E;hwy N	4853	45 L3	
(A) Forrest #2 (Douglas,Ariz)	6.4 WNW	4189	60h	TMP INACT. NO FACS.
→ Fort Hancock (Tex)	0.7 SE;RR N			ABANDONED (A)
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
★ Hachita Int,29B,PH-EO	0.8 W;RR N	4498	38 L3	P-line N. (N.M.)
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
→ Hot Springs (N.M.)	7.4 N;hwy E	4750	75 S4	80 oct. Rnwy data unver
★ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	(Texas)
Hurley (N.M.)	0.8 W;RR E	5748	33 S4	73 oct. No sto.
[International](Douglas, Ariz)	3.3 E;hwy N	4181	43 L4 S4	80,91 oct. Fld lgts prior req. ARPT OF ENTRY
John J.Small (Carlsbad)	3.5 SSE;RR NE	3150	27 S1	73 oct. (N.M.)
Jundt (Strauss, N.M.)	8.8 ESE;hwy NE	3709	32 S6	73,80 oct. No sto. Trees
Kent (Texas)	0.6 WNW;RR S	4260	21	P-line NE,SW. PRIV. E.
Las Cruces (N.M.)	1 NE;hwy N	3900	35	
Las Cruces, mun.(N.M.)	8.5 W;hwy S	4426	75h L5	Site 4, EO-PU.
Las Cruces (old)(N.M.)	9.5 NE;hwy S	4538	39	Pwr line S.Mtn E.
Lordsburg (N.M.)	1 SE;RR N	4287	47 S1	73 oct.
Magdalena (N.M.)	0.8 N;RR S	6572	48 S1	Ltd 73 oct. P-line SW.
Marfa Mun. (new)(Tex)	4 N;hwy E	4835	53h	
→ Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
(A) McNeal #1 (Douglas,Ariz) (A)	19 NNW	4195	60h	TMP INACT NO FACS.
* Mt.Riley Int,37,PH-EO	1.8 SE;RR N	4106	36 L2	(N.M.)
Parker (Ruidoso,N.M.)	8.2 NNE;rd N	7200	36	Cattle on fld. Road N.
RODEO Range (N.M.)	254(RH)(116.1)	24°,0.0	BMRLZ-DTV	(4); 116.1
★ Rodeo Int,26A,PH-EO	7.3 NNE;RR SE	4137	40 L3 S1	Ltd 73 oct. (N.M.)
[Roswell] (N.M.)	1.6 WNW;RR E	3621	56 L5 S6	73 oct. Fld lgts prior
Roswell Com. (N.M.)	4 W;hwy N	3700	33	Windmill SW. req.
ROSWELL Army Range (N.M.)	305 (DEH)	255°,3.6	SBMRAZ	(3); 126.18
ROSWELL AAF Tower (N.M.)	396 (126.18)+		CA	(3); 126.18
(A) Roswell AAF (N.M.)(A)	6.5 S	3666	85h L5 S6	91,100 oct. No sto.
(A) Roswell AAF #3(N.M.)(A)	18 S	3712	70h	CLOSED.
→ Ruidoso Fly.Svc. (N.M.)	2 N	6900	51 S2	80 oct. Data unver.
(A) Ryan #3 (Marfa,Tex)(A)	19 WNW;RR NE	4750	60h	CLOSED.
Safford (Ariz)	4.5 ENE;riv S	3176	48h L5 S5	80,91 oct. Fld lgts prior
SALT FLAT Range (Tex.)	335(DN)(116.1)	162°,2.7	BMRLPZ-DTV	(4); 116.1 req.
★ Salt Flat Int,8A,EO-FV	17 SW Guad.PS	3710	40 L3 S1	80 oct. Hwy S. (Tex)
Sierra Blanca (Tex)	2.8 ESE;hwy N	4450	21	P-line N.
Silver City (N.M.)	11.5 SE;hwy E	5400	54	
Skytel (Deming, N.M.)	1 W		38 S2	73,80 oct. Data unver.
Socorro (N.M.)	2.5 S;hwy E	4759	60h L5	Use rnwys only.
State College (Mesilla Park)	1.2 E;RR W	3800	30 S6	73 oct. No sto.(N.M.)
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Tracy (Carlsbad,N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
Tularosa (N.M.)	2.2 N;RR W	4550	25	Use strips only.
Valley (Berino, N.M.)	1 ENE;hwy W	3825	34 S1	73 oct. 50' hi-line E.
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct. Poles NW.
Whitehill (Silver City,N.M.)	4 SSE	5800	30	P-line N. Rnwy data
Wickersham (Safford,Ariz)	2.5 S;RR NE	3000	32 S6	80,91 oct. unver.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIGGS (A)	109.9	333.8	210°	IM- (0.26)	MM- ••••• (0.85)	OM- — — (4.35)
					MMK-	OMK-
EL PASO	109.5	332.6	217°	IM-	MM- •—•—(0.67)	OM- — —(4.56)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

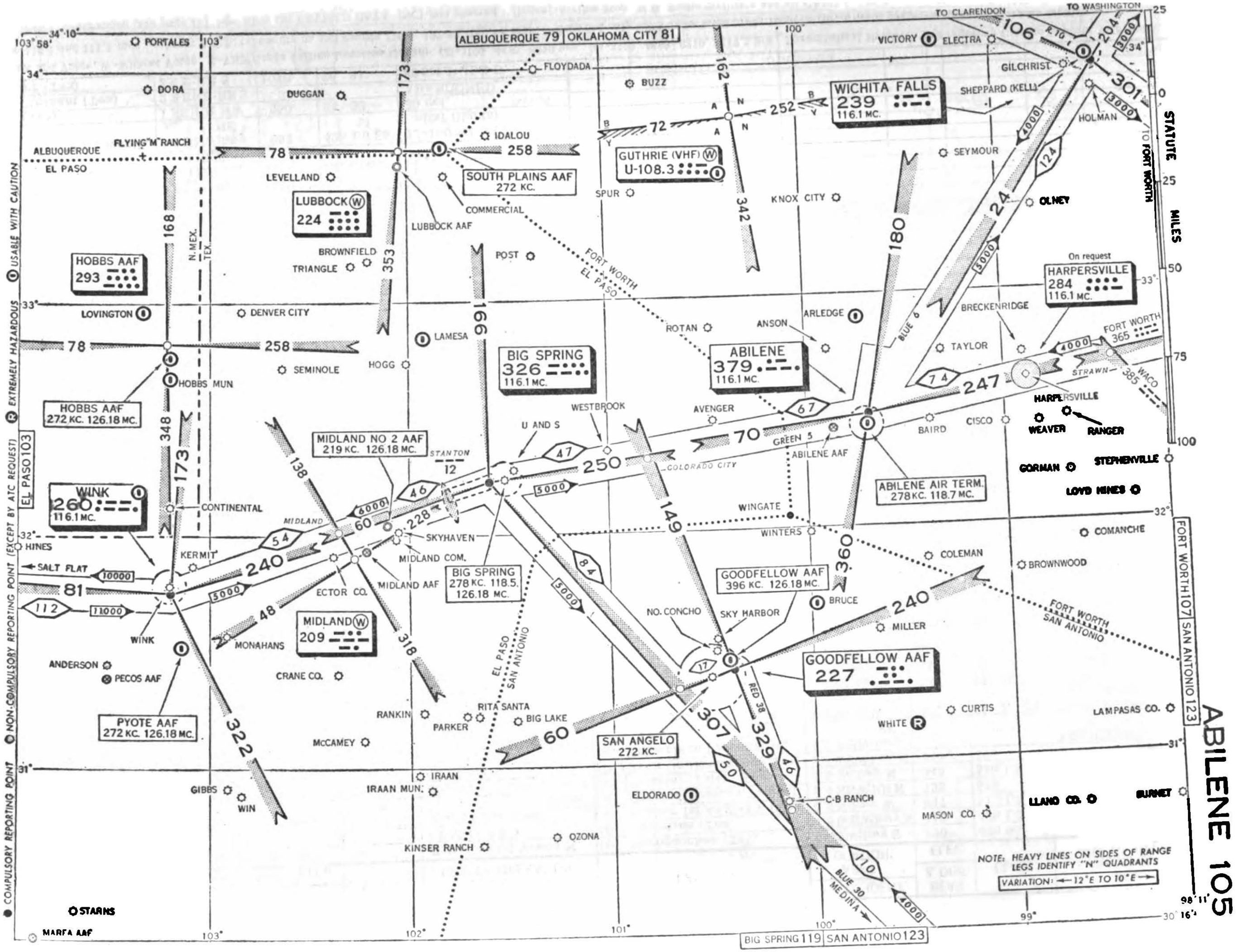

WINSLOW 77
ALBUQUERQUE 79
MAGDALENA
SOCORRO
ALBUQUERQUE
EL PASO
ENGLE
344
116.1 MC.
HOT SPRINGS
78
ENGLE
CLIFTON-GREENLEE CO.
SAFFORD
WICKERSHAM
DUNCAN
WHITEHILL
HURLEY
SILVER CITY
BOWIE
LORDSBURG
204
COCHISE
272
MILLTOP
34
259
81
53
RODEO
HACHITA
DEMING (CTR)
DEMING AAF
SKYTEL
DEMING
DEMING (SO.)
GREEN 5
261
82
83
9000
8000
45
MT. RILEY
258
COLUMBUS
HARRINGTON RANCH
29
77
30
JUNDT
RODEO
254
116.1 MC.
COLUMBUS
284
116.1 MC.
McNEAL No. 1
DOUGLAS AAF
INTERNATIONAL
FORREST No. 2
N.M.
MEX.
24
170
350
341
347
157
LAS CRUCES (OLD)
LAS CRUCES MUN.
LAS CRUCES
STATE COLLEGE
VALLEY
BIGGS AAF
396 KC. 126.18 MC.
EL PASO MUN.
278 KC. 118.7, 126.18 MC.
EL PASO
242
116.1 MC.
324
342
257
79
70
10000
11000
HUECO MT.
18
HUDSPETH
SALT FLAT
SALT FLAT
335
116.1 MC.
GUADALUPE PASS
WINK
17
GUADALUPE PASS
VOICE – 116.1 MC.
DELAWARE SPRINGS
112
259
TEX-LINE
N.M.
TEX.
SIERRA BLANCA
CULBERSON CO.
KENT
VAN HORN
RED 51
CASTOLON
MARFA MUN.
RYAN No. 1
ARAGON No. 1
ABILENE 105
D.A.
ROSWELL AAF
305
ROSWELL AAF
396 KC. 126.18 MC.
ROSWELL AAF NO. 3
ROSWELL COM.
ROSWELL
B AND B FLY. SVC.
+ RUIDOSO FLY. SVC.
PARKER
CARRIZOZO
TULAROSA
ALAMOGORDO
ALAMOGORDO AAF
221
ARTESIA
CARLSBAD
311
CARLSBAD
TRACY
JOHN J. SMALL
CARLSBAD MUN.
CARLSBAD No. 1
241
322
61
122
216
293
237
167
176
258
57
35
142
162
75
50
25
0
ALBUQUERQUE
AMBER 3
ARIZ.
N.M.
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
PHOENIX 101
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
VARIATION 14° E TO 12° E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
STATUTE MILES
EL PASO 105

ABILENE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(A) Abernathy #1 (Tex) (A)	5 ENE			ABANDONED.
ABILENE Range (Tex) (Air Term.)	379(AP)(116.1)	180°,2.2	SBRAZ-DTV	(3); 116.1, 122.1 NATS
ABILENE AIR TERM. Tower (Tex)	278 (118.7)		C	(4);118.7,126.18,122.5(7-23)
(P) Abilene Air Terminal (Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct. 100 oct. Army.
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1793	50h	CLOSED.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct. Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
Arledge (Stamford, Tex)	5 SE;RR SW	1600	23h	P-line S.
(P) Avenger (Sweetwater, Tex)	3.5 W;RR S	2370	62h L5 S1	80 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;RR S	2950	37 S1	80 oct.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-DTV	(3); 116.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18, 122.5, 118.5 (7-23)
(N,P) [Big Spring] (Tex)	3.3 WSW;RR N	2595	62h L5 S6	80,91,100 oct. NATS.
Breckenridge (Tex)	2.5 S;RR E	1250	29 S6	80 oct.
Brownfield (Tex)	5 E;hwy N	3314	50 S2	80 oct. P-line N,NE.
Brownwood Mun. (Tex)	6.3 NNE;RR S	1386	50h L5 S4	80,91 oct. Ctc lgts on req.
Bruce (Ballinger, Tex)	4.5 SSW;hwy NW	1731	23h S6	80 oct. Usable strip 7460'
Burkburnett (Tex)	1 SE;RR SW			ABANDONED'
Burnett (Tex)	2 NE;RR W	1325	21 S1	80 oct. P-line SW.
Buzz (Roaring Springs, Tex)	2.3 NNE;hwy W	2600	26 S1	73 oct. P-line S.
C-B Ranch (Ft. McKavett, Tex)	1.5 W;road S	2150	32 S1	80 oct. Livestock on fld.
Cisco (Tex)	2.5 NNW;lake 2 N	1620	30 S6	80 oct.
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80,91 oct. Use rnwys only.
Comanche (Tex)	1.7 NNW;hwy SW	1500	14	
Commercial (Lubbock, Tex)	3.2 SE;bet hwys	3240	40 S6	73,80 oct. No sto. Use strips
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Denver City (Tex)	0.8 NW	3584	40 S1	80 oct. Data unver.
Dora (N.M.)	1.3 E;hwy W	4000	27 S1	73 oct. P-line N.
Duggan (Littlefield, Tex)	1.2 S;RR NE	3550	37 S4	80,91 oct. Pwrline E,NE,SE
Dyche (Ft. Stockton, Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S2	80 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct. Poles E. Cattle on fld
Electra (Tex)	3.6 WNW;RR S	1229	27 S2	80 oct.
Floydada (Tex)	1.2 NNW;RR N	3287	20 S1	80 oct. P-line S. RR SW.
Flying "M" Ranch (Milnesand)	0.4 NNW;hwy E	4360	20 S2	80 oct. Data unver. (N.M.)
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
Gilchrist (Wichita Falls, Tex)	7 WNW;RR S	1020	30 S1	80 oct. P-line S.
GOODFELLOW Army Range (Tex)	227 (DIP)	329°, 2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)	396 (126.18)+		CA	(3); 126.18
(A) Goodfellow (San Angelo, Tex) (A)	3 SE;rds N,W	1877	55h L5 S6	73,91,100 oct. JP-1.
Gorman (Tex)	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
HARPERSVILLE H Fac. (Tex)	284 (HV)(116.1)		MHTV	(4); 116.1
* Harpersville Int, 44, EO-FV (Tex)		1396	45 L3	9.2 S of Breckenridge
HOBBS Army Range (N.M.)	293 (DHB)	168°,2.8	BMRLZ	(3) (V, 7-23)
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
[Hobbs Mun.] (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Holman (Wichita Falls, Tex)	3.1 SSE;hwy W	980	31 L S6	80,91 oct. Poles SE,E,NE.
Idalou (Tex)	5.5 ENE	3189	54h	Flood lgts.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct. P-line N,S,SE Use strips only.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona, Tex)	25 W;riv W	2474	24 S1	80 oct. PRIV. Data unver.
Knox City (Tex)	0.8 SSE;RR W	1550	17	
Lamesa (Tex)	8 NNE;hwy E	3031	43h	Use rnwys only.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
Lampasas Co. (Lampasas, Tex)	6 NW;RR S	1480	42 S2	80 oct.
Levelland (Tex)	2 S;hwy W	3550	25 S1	80 oct. P-line NW,SW.
Llano Co. (Llano, Tex)	2.4 NNE;riv NE	1029	40 S1	73 oct.
Lovington (N.M.)	0.8 E;hwy S	3985	36 S1	73 oct. P-line S,SE,SW.
Loyd Hines (Dublin, Tex)	1.3 NW;RR SW	1260	18 S1	73 oct. Poles NW,SW,SE.
LUBBOCK Army Range (Tex)	224 (DHH)	173°,3.7	MRLWZ	
(A) Lubbock AAF (Tex) (A)	9 W;RR S	3232	65h	TEMP INACT. NO FACS.
(A) Marfa AAF (Tex) (A)	9 ESE;RR N	4885	75h	CLOSED.
Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
(P) Me-Tex (Hobbs, N.M.)	4.5 W;hwy N	3700	35 S6	80,87 oct. P-line N,W,NW.
MIDLAND Army Range (Tex)	209 (DON)	48°, 3.8	MRLWZ	
(A) Midland AAF (Tex) (A)	9.5 WSW;RR S	2867	65h	CLOSED.
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18
(A) Midland #2 AAF (Tex) (A)	3 NW;rd E	2805	64h L5 S4	91,100 oct. JP-1. No sto.
Midland Com. (Tex)	1.1 SSE;RR N	2800	28 S4	80 oct. No sto. Rnwy data un-ver
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW;RR N	2643	32 S6	80,91 oct. P-line SSW
North Concho (San Angelo, Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct. P-line N,E,SE.
(P) Olney (Tex)	4 WSW;rd S,N	1274	55h L5 S6	80,91 oct. Lgts prior req.
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct
Paducah (Tex)	2.5 ESE;RR NW			ABANDONED
Parker (Texon, Tex)	2.3 W;RR N	2700	32	Use strips only
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Portales (N.M.)	4.5 SW;RR NNW	4200	46 S1	73 oct
Post (Tex)	0.8 NE;RR W	2700	28	SSW,W blckd Canyon E
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91, 100 oct. No sto
Ranger (Tex)	1.5 SSW;RR W	1420	28 S6	80 oct. P-line NE
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S. Use strips only
Rita Santa (Tex)	0.5 S;RR N	2800	40	Obsts sur fld.
Rotan (Tex)	1.4 NNW;rd E	2000	26	Poles E CAUTION
SAN ANGELO Tower (Tex)	272		CI	(4) (12-1 hr. after sunset)
(P) San Angelo (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct. P-line S. Use strips
Seymour (Tex)	1.3 SE;riv SW	1300	27 S1	80 oct
[Sheppard/Kell Mun.] (Wichita Falls, Tex)	5.8 N;hwy W	1028	66h L5 S6	80,91,100 oct.
Sky Harbor (San Angelo, Tex)	4.6 NNW;RR SW	1840	30 L3 S4	80, 91 oct After 2100 lgts on req P-line W,NW
Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct. P-line ENE,SE
SOUTH PLAINS AAF Tower (Tex)	272		CA	(4) (8-22)
(A) [South Plains AAF] (Lubbock)	5.5 NNE;RR W	3256	65h L5 S6	73,91,100 oct. JP-1 (Tex)
Spur (Tex)	2.2 S;RR N	2363	28 S4	80, 91 oct.
Stamford (Tex)	2.5 N;hwy E			ABANDONED Port rnwy lgts
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct. prior req.
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts
Taylor (Albany, Tex)	1 N;RR SW	1429	28 S2	80 oct
Triangle (Brownfield, Tex)	1.8 SSW;RR NW	3200	20 S2	73 oct
U & S Fly. Svc. (Big Spring, Tex)	1.5 N;hwy S	2517	30 S6	80 oct
Victory (Vernon, Tex)	5.9 SSW;hwy E	1230	20h S2	No fuel.
Weaver (Eastland, Tex)	1 NE;RR S	1576	31 S6	80 oct.
* West Brook Int, 32, EO-FV (Tex)	1.3 S;RR N	2188	34 L3	P-line N,S.
White (Brady, Tex)	10 W;RR N	1550	73	
WICHITA FALLS Range (Tex) (Sheppard/Kell Mun.)	239(WF)(116.1)	305°,1.7	SBMRAZ-DTV	(4); 116.1, 122.1
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260(WP)(116.1)	353°,1.2	SBRAZ-DTV	(4); 116.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80, 91 oct
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
NEW FACILITIES				
GUTHRIE Range (Tex)	108.3 (UH)		VARW	

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(vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


ALBUQUERQUE 79 | OKLAHOMA CITY 81
PORTALES
DORA
DUGGAN
FLOYDADA
BUZZ
VICTORY
ELECTRA
TO CLARENDON
TO WASHINGTON
GILCHRIST
SHEPPARD (KELL)
HOLMAN
WICHITA FALLS
239
116.1 MC.
SEYMOUR
ALBUQUERQUE
EL PASO
FLYING "M" RANCH
IDALOU
258
78
LEVELLAND
LUBBOCK
224
SOUTH PLAINS AAF
272 KC.
COMMERCIAL
LUBBOCK AAF
GUTHRIE (VHF)
U-108.3
SPUR
KNOX CITY
OLNEY
HOBBS AAF
293
BROWNFIELD
TRIANGLE
POST
FORT WORTH
EL PASO
On request
HARPERSVILLE
284
116.1 MC.
LOVINGTON
DENVER CITY
BRECKENRIDGE
ROTAN
ANSON
ARLEDGE
LAMESA
TAYLOR
FORT WORTH
365
SEMINOLE
HOGG
BIG SPRING
326
116.1 MC.
ABILENE
379
116.1 MC.
HOBBS MUN
HOBBS AAF
272 KC. 126.18 MC.
WESTBROOK
AVENGER
BAIRD
CISCO
HARPERSVILLE
WEAVER
RANGER
U AND S
MIDLAND NO 2 AAF
219 KC. 126.18 MC.
STANTON
ABILENE AAF
COLORADO CITY
GORMAN
STEPHENVILLE
LOYD HINES
ABILENE AIR TERM.
278 KC. 118.7 MC.
WINK
260
116.1 MC.
CONTINENTAL
MIDLAND
KERMIT
WINGATE
WINTERS
COMANCHE
HINES
SKYHAVEN
MIDLAND COM.
SALT FLAT
BIG SPRING
278 KC. 118.5.
126.18 MC.
COLEMAN
BROWNWOOD
ECTOR CO.
MIDLAND AAF
GOODFELLOW AAF
396 KC. 126.18 MC.
BRUCE
MIDLAND
W
209
MONAHANS
NO. CONCHO
SKY HARBOR
MILLER
FORT WORTH
SAN ANTONIO
ANDERSON
PECOS AAF
CRANE CO.
GOODFELLOW AAF
227
WINK
RANKIN
PARKER
RITA SANTA
BIG LAKE
CURTIS
LAMPASAS CO.
PYOTE AAF
272 KC. 126.18 MC.
McCAMEY
SAN ANGELO
272 KC.
WHITE
IRAAN
IRAAN MUN.
GIBBS
WIN
ELDORADO
C-B RANCH
MASON CO.
LLANO CO.
BURNET
KINSER RANCH
OZONA
STARNS
MARFA AAF
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 10°E
BIG SPRING 119 | SAN ANTONIO 123
FORT WORTH 107 | SAN ANTONIO 123
STATUTE MILES
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
ABILENE 105

FORT WORTH

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Bowie (Tex)	2.8 NW;bet RRs	1050	19	Cattle on fld. Trees N.
→ Brown (Bonham, Tex)	8 N;hwy W			ABANDONED
Byrn's Sky Ranch (Hillsboro, Tex)	5.8 NE	820	25 S6	80 oct. Data unver. Trees
Carthage Air Svc. (Tex)	1.3 W;hwy N,S	310	30 S2	80,91 oct. P-line N. E,W.
Clarksville (Tex)	2.8 NNW;RR SW	480	20 S6	73,80 oct.
Cleburne Northwest (Tex)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Commerce (Tex)	3.4 NNE	548	27 S6	80,91 oct. Hwy SE.
→ Commercial (Durant, Okla)	5.2 W;RR N			ABANDONED
→ Corsicana, com. (Tex)	2.8 SW;bet rds			ABANDONED
Corsicana, mun. (Tex)	5.6 SE;RR E	448	20h S6	
(A) Cox AAF (Paris, Tex)(A)	6.5 ESE;RR N	546	46h	CLOSED.
DALLAS Range (Love)(Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Denton (Tex)	4 WSW		42h S6	80,91 oct. No sto. Data unver.
DUNCANVILLE H Fac. (Tex)	404 (D)	176°,10.5	FMH	Dallas.
(P) Eaker (Durant, Okla)	3.2 SSW; RR NW	703	52h L5 S1	80,91 oct. All lgts prior req.
Elder (Kilgore, Tex)	2.5 NE;RR E	352	27 S6	80,87,91 oct. P-line W.
(P) Ellis Co. (Waxahachie, Tex)	3.5 NE;RR S	585	31 S2	73 oct. P-line S.
Ennis (Tex)	1.5 NW;RR E	540	18 S4	Ltd 73 oct. No sto.
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°, 2.4	SBRAZ-DTXV	(3); 116.1, 122.1
Gage (Teague, Tex)	1.7 N		22 S4	80 oct. P-line W. Data unver.
(A) Gainesville AAF (Tex)(A)	3.8 WNW;RR S	833	45h	TMP INACT. NO FACS.
→ Gainesville com (Tex)	3 NNE;hwy W	800	30 L1 S1	80 oct. Poles S.
(A) Gaskin (Sherman, Tex)(A)	12.6 SW;rd E	745	40h L	B-2, flood lgts.
→ GRAUWYLER PARK H Fac.				see Love Fld ILS
Gray (Denison, Tex)	2.5 E;RR N	675	24 L S6	80 oct. Emerg. lgts by circling fld.
(P) Gregg Co. (Longview, Tex)	7.2 S;riv N	365	52h S1	80,91 oct.
Hamilton (Tex)	2.3 SSW;hwy E	1250	47 S6	80 oct. Fence sur fld.
Hartlee (Denton, Tex)	5.4 NE;RR SSE	588	27 S6	73,80 oct. Poles S.
HASLET H Fac. (Tex)	371 (F)	1°,8.1	FMH	Fort Worth
Henderson (Tex)	2.1 WNW;hwy S	410	19 S2	73 oct.
Holmes (Gilmer, Tex)	4 N;RR W	370	23	P-line W. Cattle on fld.
(P) Idabel (Okla)	1.3 NW;RR E	500	32 S1	80 oct. Rnwy data unver.
Jacksonville (Cypress, Tex)	3 N;RR E	500	26 S6	73,80 oct. P-line ENE.
Jones (Bonham, Tex)	2 NNE;hwy E	616	18h	
Legion (Paris, Tex)	1.9 NW;RR E	538	31 S6	80 oct. P-line E.
LOVE Tower (Dallas, Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18
(P) [Love] (Dallas, Tex)	5 NNW;RR SW	483	52h L6 S6	73-100 oct. Poles S
McKinney (Tex)	2.1 S;hwy W	616	23 S2	80 oct. Poles E,W.
(P) Majors (Greenville, Tex)	5 SSE;RR W	544	55h S4	80, 91 oct.
Marshall (Tex)	3.9 SE;hwy N	400	30 S6	73 oct. P-line N.
MEACHAM Tower (Fort Worth, Tex)	272 (126.18, 118.7)		AC (ILS)	(4);126.18,118.7,122.5
(N)(P) [Meacham](Fort Worth, Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73-100 oct. NATS (Hospital flights)
Mexia (Tex)	1 SE;RR NW	550	24 S2	80 oct.
→ Mount Pleasant (Tex)	2.8 ENE;RR S			ABANDONED
Muenster (Tex)	2.6 E;RR S	1010	26 S1	80 oct. P-line S.
(P) Nacogdoches (Tex)	4 WSW;hwy E	370	43h S5	80, 91 oct.
(P) Palestine (Tex)	4.5 WNW;hwy N	410	40h L5 S6	80, 91 oct.
* Parker Int, 48, JI-FV (Tex)	0.6 N;hwy W	847	31 L3	
(A) Perrin (Sherman, Tex)(A)	6.4 NNW;RR N	753	51h	TMP INACT. NO FACS.
(P) Pounds (Tyler, Tex)	5.5 W;hwy N	543	51h L5 S4	80,91 oct. Ctc lgts prior req. No sto.
(P) Rusk Co. (Henderson, Tex)	2.5 WSW;hwy N	440	30h	
→ Rutherford (Greenville, Tex)	4.5 WSW;hwy SE			ABANDONED
Seventy-Five (Corsicana, Tex)	1.8 N;RR W	480	21 L S6	73 oct. No sto. Port rnwy lgts. Poles NW.
Sherman (Tex)	1.4 SE;hwy N	749	25h S6	80 oct.
* Simms Int, 14, DL-LV (Tex)	1 NE;hwy E	357	26 L3	P-line E,S.
South Sulphur (Greenville, Tex)	9.5 NNE	550	30	
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts.
Stewart (Tyler, Tex)	2.5 E;hwy N	520	32 L S6	80,91 oct. Poles W. Ctc lgts prior req. Rnwy data unver.
SULPHUR SPRINGS H Fac.	224 (ZO)		MHW	Operates cont.
Sulphur Springs, 7B, DL-LV (Tex)	1.9 NW;RR S	472	35 L3 S1	80 oct. P-line S,SE
TYLER Range (Tex)(Pounds)	320(TQ)(116.1)	120°,1.6	BMRLZ-DTV	(4);116.1,122.1
WACO Range (Tex)(Mun.)	385(WC)(vhf)	9°, 2.6	SBRAZ-DTV	(4); 116.1, 122.1
Waco (Tex)	7 NNE;bet RRs	470	63h	
(A) [Waco Mun.] (Tex)	6 NW;lake S	510	57h L5 S6	80,91,100 oct. ARMY TEMP. INACT. CIVIL
(A) Waco #5 (Prairie Hill, Tex)	2 S;hwy N	560	40h	CLOSED (A) NOT FACS.
→ Waxahachie (Tex)	1.5 SSW	558	16 S1	73 oct. Hwys E. MAINT
→ Weddington (Hugo, Okla)	1.9 NW;hwy SW	550	24 S6	80 oct. P-line E.
→ Whaley (Gainesville, Tex)	5.7 WSW;RR N	820	20 S6	80 oct. P-line N.
* Wills Point Int, 7, FV-AG	5.9 NW	529	28 L3	(Tex)
Wisener (Mineola, Tex)	1.5 NW;hwy S	510	32 S2	73 oct.
Wolfe City (Tex)	2 N		20	No fuel. P-lines N. Data unver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

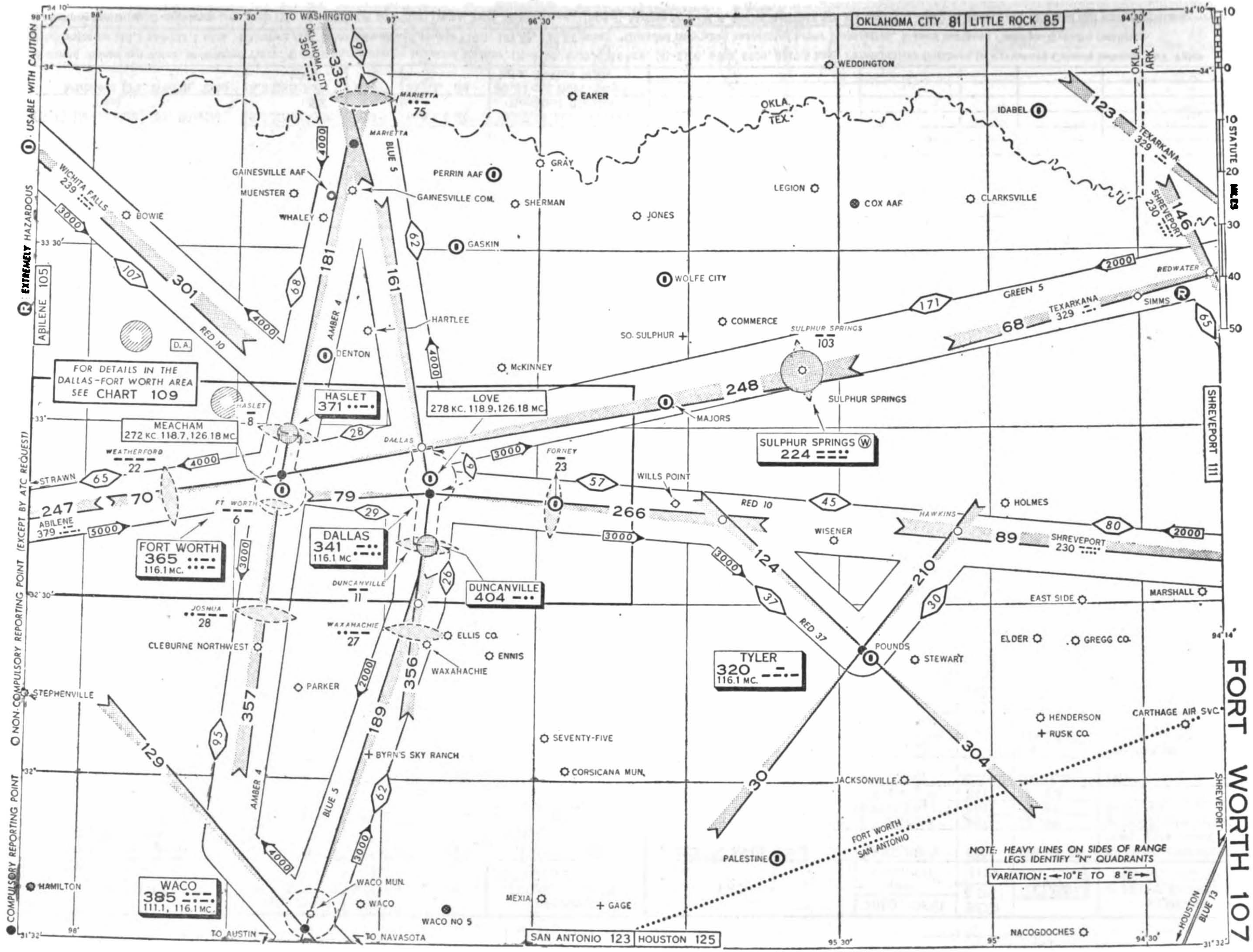
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOVE	110.3	335	126°	IM-	MM- •—•—(0.7)	OM- ——(4.35)
					MMH-	OMH-
→ Grauwyler Park			356°	IM-	MMH-311 •—•—(0.8)	OMH
MEACHAM	109.9	333.8	172°	IM-	MM- •—•—(0.71)	OM- ——(4.10)
					MMH- 356 •—•	OMH-

NEW FACILITIES

East Side (Longview, Tex)	2.4 NE;RR S	352	25 L S6	80,91 oct. Port rnwy lgts. P-line S

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. °Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED Airports are indented and non-capitalized.

FORT WORTH 107



FORT WORTH - SAN ANTONIO

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	MLZ-DTV	(3); 116.1 (Tex)
Arlington-Midway (Tex)	6.8 NNE;RR S	567	41h L5	Poles S.
(N) Arlington OLF (Tex) (N)	4 SSW;rd W	695	13h	
Bexar Co. (San Antonio,Tex)	7.1 SSW;rd W	640	32 S6	80,91 oct.Poles,trees
BROOKS Tower (Tex)	396 (126.18)		CA	(3); 126.18 NW,S,W.
(A) Brooks (San Antonio,Tex) (A)	6.5 SSE;RR W	594	52h L5 S6	73,91,100 oct.
Caddo Mills (Greenville,Tex)	10.7 SW;hwy W	540	40h	
(A) Clear Springs #5 (New Braunfels, Tex) (A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Clearview (Dallas, Tex)	5.1 SSW;RR N	619	30h S6	80, 91 oct.
Craigg (Sayers, Tex)	1.8 W;hwy N	650	41 S1	80 oct, RR N.
DALLAS Range (Love) (Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Davis (San Antonio, Tex)	6.7 N;RR SE	780	16 S1	80 oct,
DUNCANVILLE H Fac. (Tex)	404 (D)	176°,10.5	FMH	Dallas.
(N) Eagle Mtn Lake MCAS (N)	1 SSE;RR NE	745	60h	INACTIVE. (Newark,
Faurie (Gonzales, Tex)	2 NNE;hwy E	340	18 S2	80 oct.Trees N,S. Calif
→ Fliers (Dallas, Tex)	6.5 WSW;RR W			ABANDONED
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°,2.4	SBRAZ-DTXV	(3); 116.1, 122.1
→FORT WORTH AAF Tower	317(126.18)+		CA	(3); 126.18
(A) Fort Worth AAF (Tex) (A)	6.8 WNW;lk N	636	73h L5 S6	73,91,100 oct. JP-1.
(N) Grand Prairie OLF (N) (Tex)	1 WSW;RR N	529	30h L5 S4	73 oct.No ben.
→GRAUWYLER PARK (Tex)				see Love Fld ILS
Handley (Tex)	0.6 NE;RR S	630	26 S6	73 oct.
HASLET H Fac. (Tex)	371 (F)	1°, 8.1	FMH	Fort Worth.
HENSLEY Tower (Tex)	396 (126.18)		CA	(4); 126.18
(A,N) Hensley (Dallas,Tex) (A,N)	11 WSW;hwy N	495	52h L5 S4	73,91,100 oct.
Hicks (Ft. Worth, Tex)	12.5 NNW	820	27	Lake W.
Highland Park (Dallas,Tex)	9 N;RR E	622	27h L S6	80,91 oct.P-line E Ctc lgts N/S rnwy. Data unver.
Hudson (Dallas, Tex)	9.6 NE;RR SE	614	17h S6	80,91 oct.P-line W.
Hurt (San Antonio, Tex)	6.5 WNW	680	36 S6	80 oct. Hwy W.
KELLY Tower (Tex)	219 (126,18)+		CA	(3); 126.18
(A) Kelly (San Antonio,Tex) (A)	6.8 W;RR NE	675	75h L5 S6	62,73,91 oct.JP-1 FOR.CLEAR.STN.
Kuehler (New Braunfels,Tex)	1.7 SE;riv NW	720	18	P-line NW.Cattle on fld
Lake (San Antonio, Tex)	10 S;RR E	700	23 S2	73 oct.
Leon Valley (San Antonio)	8.6 WNW;hwy E	710	40 S6	80,91 oct.Pwr line N,W,
Lou Foote (Dallas, Tex)	8.8 S;hwy E	665	35 S6	73,80,91 oct.Bldgs NW. N, NE.
LOVE Tower (Dallas, Tex)	278 (126,18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18
(P) [Love] (Dallas, Tex)	5 NNW;RR W	483	52h L6 S6	73-100 oct. Poles S.
Luling (Tex)	1.1 SE;hwy NE	418	21 S1	80 oct.P-lines sur fld.
Luscombe (Garland, Tex)	2.2 WSW;RR N	610	50 S5	80 oct. No sto.
(A) Martindale #4 (San Antonio, Tex) (A)	7.1 E;RR S	660	30h	
MEACHAM Tower (Tex)	272 (126.18, 118.7)		AC (ILS)	(4); 126.18,118.7,122.5
(N,P) [Meacham] (Ft. Worth) Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73,80,91,100 oct.NATS (Hospital flights)
Midwest (Ft. Worth, Tex)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct.Port rnwy lgts. P-line W,S.
(P) Mineral Wells (Tex)	3.2 SE;RR N	938	42h L5 S6	80,91 oct.Rnwy lgts on req. Data unver
Mission (San Antonio,Tex)	4.5 S;hwy E	567	23 S6	80 oct.No sto.P-line NNE
Mustang (Dallas, Tex)	6 NNE;hwy NE	604	32 S6	80,91 oct.
Parker Int,48,JI-FV (Tex)	0.6 N;hwy W	847	31 L3	
RANDOLPH Army Range (San Antonio, Tex)	359 (DRQ)	322°,2.04	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126 18
(A) Randolph (San Antonio) (A)	15.8 ENE;RR NW	752	70h L5 S6	91,100 oct.No sto
Riomedina (Castroville)	4.5 N;riv W	855	45	(Tex)
Russell (Ft. Worth, Tex)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Saginaw (Tex)	0.5 WNW;RR E	790	26 S6	80, 91 oct.
SAN ANTONIO Range (Kelly)	254(ZN)(116.1)	107°,1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO	278 (118.5)		C (ILS)	(4);118.5,122.5,126.18
→ [San Antonio Mun.-Alamo] (San Antonio, Tex)	7.8 N;RR SE	800	55h L6 S2	80,91 oct.
Schneider (Seguin, Tex)	2.2 WNW;RR N	520	23	P-line N.
Second Ave. (Dallas,Tex)	7 SE;RR N	530	26 S1	73,80 oct.Use strips Poles S.
Seguin (Tex)	3.3 WSW;riv E	400	29 S1	73,80 oct.P-line NW
(A) Seguin #1 (Tex) (A)	3 E;rd N	530	54h	
Skyline (Dallas, Tex)	3.2 SSE;riv E	430	26 S6	80,91 oct.Trees NW
Sky Ranch (Arlington,Tex)	3 SW;RR N	590	25 S2	80 oct
STINSON Tower (Tex)	209		CI	3105, 6210 (8-19)
Stinson (San Antonio,Tex)	6.2 SSE;RR E	567	49h	
T.C.U. (Ft. Worth, Tex)	6.6 SW;RR S	710	24 S6	80, 91 oct.
Terrell Mun. (Tex)	1.5 SE;RR W	490	30h	80, 91 oct
Wallace (Terrell, Tex)	2 W;RR S	500	19 S2	80 oct.
→ Wallace #2 (Kaufman,Tex)	4 W;hwy N			ABANDONED
Weatherford Mun. (Tex)	1 W;hwy N	1147	38 S4	80 oct.
White Rock (Dallas,Tex)	6.7 ENE;RR NW	543	29 L S6	91 oct. Port rnwy lgts.
Yates (San Antonio, Tex)	13.7 N;hwy W	968	33	
YOAKUM H Fac. (Tex) (Int.)	236 (YK)	352°,2.8	HW	
Yoakum (Tex)	4 N;hwy W	375	20 S6	80 oct.
★ Yoakum Int,7,JR-HU (Tex)	5 NW;hwy S	387	39 L3	
(A) Zuehl #6 (Tex) (A)	0.8 NE	610	30h	Hwy NW

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALAMO	109.9	333.8	30°	IM-	MM- ·—·—(0.68)	OM- ——(4.38)
				MMH-		OMH- 230 ——···
LOVE	110.3	335	126°	IM-	MM- ·—·—(0.70)	OM- ——(4.35)
				MMH-		OMH-
→ Grauwyler Park			356°	IMH-	MMH 311 ·—··(0.8)	OMH
MEACHAM	109.9	333.8	172°	IM-	MM- ·—·—(0.71)	OM- ——(4.10)
					MMH- 356 ···—	OMH-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALISED. Airports are indented and non-capitalised.

(SEE CHART 107)

DALLAS–FORT WORTH AREA

(SEE CHART 123)

SAN ANTONIO AREA

WICHITA FALLS
D.A.
TO MARIETTA
TO MARIETTA
CADDO MILLS
REDWATER
HASLET
371
MCAS, EAGLE MTN. LAKE
FORT WORTH
365
116.1 MC.
DALLAS
341
116.1 MC.
DALLAS
LUSCOMBE
HIGHLAND PARK
HUDSON
MUSTANG
WHITE ROCK
FORNEY
WEATHERFORD
HICKS
SAGINAW
LOVE
278 KC. 118.9, 126.18 MC.
ARLINGTON
STRAWN
MINERAL WE
MEACHAM
272 KC. 118.7, 126.18 MC.
FT. WORTH
WEATHERFORD
PARKER
HANDLEY
GRAND PRAIRIE OLF
SKY RANCH
MIDWEST
FORT WORTH AAF
317 KC. 126.18 MC.
T.C.U.
RUSSELL
ARLINGTON OLF
HENSLEY
396 KC. 126.18 MC.
SKYLINE
SECOND AVENUE
CLEARVIEW
DUNCANVILLE
DUNCANVILLE
404
LOU FOOTE
WALLACE
TERRELL
RED 10
HAWKINS
TO WACO
TO WAXAHACHIE
STATUTE MILES
SPRING BRANCH
AUSTIN
BIG SPRING
ALAMO
344
116.1 MC.
SAN ANTONIO (ALAMO)
278 KC. 118.5 MC.
MEDINA
YATES
KUEHLER
CLEAR SPRINGS NO. 5
LULING
RANDOLPH AAF
272 KC. 126.18 MC.
SCHNEIDER
SEGUIN
SEGUIN NO. 1
FAURIE
ZUEHL NO. 6
C.A.
RANDOLPH AAF
359
LEON VALLEY
DAVIS
HURT
MARTINDALE NO 4
CRAIGG
MISSION
BROOKS AAF
396 KC. 126.18 MC.
STINSON
209 KC.
RIOMEDINA
SAN ANTONIO
254
116.1 MC.
KELLY AAF
219 KC. 126.18 MC.
BEXAR CO.
LAKE
LAREDO
TO PLEASANTON
YOAKUM INT.
YOAKUM
YOAKUM
236

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 109

SHREVEPORT

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
★ Arcadia Int,26,FV-AG	4.5 E;RR S	341	29 L3 S2	No fuel.P-line SW.(La)
Arkadelphia,24,DL-LV	1.5 ENE;RR N	186	40 L3 S6	80 oct.P-line N,NW(Ark)
Ashley Co.(Crossett,Ark)	5.5 NE;RR E	160	21 S1	Ltd 80 oct.Obsts sur fld.
Atlanta Mun. (Tex)	2 WSW;hwy NW	264	37	P-line ESE,SSE.
Baker (Magnolia,Ark)	4.3 E;hwy S	300	18 S6	91,80 oct.P-line SW.
BARKSDALE Army Range (Shreveport) (La)	379 (DBY)	325°,4.4	SBMRAZ	(3)
BARKSDALE Tower (La)	396 (126.18)+		CA(ILS-W) (GCA)	(3); 126.18
(A) Barksdale (Shreveport, La) (A)	5.8 E;riv W	167	100h L5 S4	73,91,100 oct. JP-1.
Bastrop (La)	2.8 WSW;riv W		18 S1	80 oct.
→ Burnside & McDonald (Newellton, La)	1.5 SW;RR E	77	40	
Castle (St.Joseph, La)	2 N	75	20 S4	80 oct.No sto.Data unver
Childress (Flora,Miss)	1.5 NNW;RR E	186	30 S1	73 oct.Trees,bldg N.
→ Cleveland (Miss)	2 NW;hwy S	140	26 S6	73 oct.
Cole (Heads, Miss)	3 NE;RR W	118	16	
Cypress(Greeny'l,Miss)	1.5 SSW;lk E	120	28 S1	80 oct.Data unver.
David G.Joyce(Winnfield)	3 NW;hwy E	130	16 S1	80 oct.Trees N. (La)
Delhi Flying Svc. (La)	0.5 N	95	23 S4	80 oct.P-line E.Data un-
(P) De Soto Parish (Mansfield, La)	4.3 NW;hwy S	322	51h	ver.
Dixie Dusting Co. (Greenville, Miss)	2 SE;RR,hwy N	118	16 S4	73 oct.No sto.
El Dorado (Ark)	1.5 S;RR W	265	24 S4	80 oct.
(P) [El Dorado-Goodwin]	8.6 W;hwy S	278	51h	(El Dorado, Ark)
Everett (Moorhead, Miss)	1 SE;RR N	127	37 S6	73 oct. No sto.
→ Ferriday (La)	1.5 N;RR,hwy E	55	17	
Gardner (Gilbert, La)	1 E;hwy S	75	16 S1	Ltd 73 oct.
Grayson (Camden,Ark)	3.4 SW;RR S	135	26 S6	80,91 oct.No sto.
→ Greenville,mun. (Miss)	3.5 ESE;hwy N	118	40h S4	80 oct.
(A) Greenville AAF (Miss)(A)	6.5 NE;rd W	129	40h L5 S2	80,91 oct.P-line E,SE.
Hart (Many, La)	1.8 SSW;RR E	242	24	Trees NNE
→ Hinds Co.(Jackson,Miss)	12.8 W; RR SE	244	40h	
Hodge (La)	0.5 ENE;hwy NW	300	24	Cattle on fld.
→ Hope (Ark)	5 NNW;RR E	359	55h L5 S6	80,91 oct.Use rnwys only
Hope Prescott (Prescott)	3 SW;RR E	280	21 S6	80 oct. (Ark)
Joseph H. Sharpe	1.8 ESE;RR S	135	25 S2	73 oct.(Natchez,Miss)
Lakeview (Leland,Miss)	1.7 SE;lake E	120	18 S4	73 oct.No sto.Data unver
L.B.Strange (Tutwiler)	0.7 SSE;hwy W,E	160	22 S6	80 oct.N blckd. (Miss)
Leland (Miss)	3 NNE		23 S4	80 oct.No sto.Pwrline NW. Data unver.
Le Tourneau (Yokena, Miss)	2.5 NW;riv W	80	25 -L2	Lgts prior req.Caution-wet.
→ Lucien (Shreveport, La)	8 S;RR E	170	32 S6	80,91 oct.
Magnolia (Ark)	1.6 WSW;RR E	225	30	10' bldg SSW.
McGehee (Ark)	0.6 NNW;RR E	145	30 S1	80 oct. Hwy E.
Minden (La)	1.5 W;RR S	200	26 S4	80 oct. Trees sur fld.
MONROE Range(Selma)(La)	359(UO)(116.1)	25°,2.8	SBMRLZ-DTV	(4);116.1,122.1
Monroe Arpk (La)	1.5 N;RR N		26 S6	80 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
(P) Natchitoches (La)	1.5 SSW;RR E	115	41h L5 S6	80 oct.; ltd 90 oct. Ctc lgts prior req. No bcn.
Ruston (La)	1.2 SE;RR N	317	32 L S6	80,91 oct.Lgts prior req. 1600' rnwy hard surface
(P) [Selman] (Monroe, La)	4.6 E;RR N	79	50h L5 S6	80,91,100 oct.Fld lgts on req.
SHREVEPORT Range (La)	230(ZH)(116,1)	146°,1.8	SBRAZ-DTV	(3);116.1,122.1
SHREVEPORT Tower (La)	278 (126.18, 118.7)		AC	(4); 126.18,122.5,118 7
(P) [Shreveport] (La)	2.5 NNE;riv E	179	45h L5 S6	73, 80 oct.
Shreveport Arpk (La)	4.5 SSW;bet RRs	200	47 S6	80,91 oct.P-line SE.
Skinner (Glen Allan,Miss)	4 N;lake W	110	18 S1	73 oct.
★ Tallulah Int,36,FV-AG	2.4 ENE;RR S	84	28 L3	Beacon S. (La)
TEXARKANA Range (Ark)	329(TR)(116.1)	123°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
[Texarkana] (Ark)	4 NE;RR W	389	40h L5 S6	80,91,100 oct.;100 oct..
Texarkana (Tex) 108.7(WE)	6 W;RR N	340	25 L S6	80,91 oct.Flare Army. pots in emerg.
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	20 S4	73 oct. No sto. P-line W.
VICKSBURG H Fac.(Miss)	382(VS)(116.1)		MHTV	(4); 116.1
Vicksburg (Miss)	6.8 NE;hwy W	287	39 S4	80, 91 oct.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.
Woodside (Grace,Miss)	1.5 NNW	106	24 S1	80 oct.
→ Yazoo Mun. (Miss)	2 N;RR E	110	18 S4	80 oct.No sto.

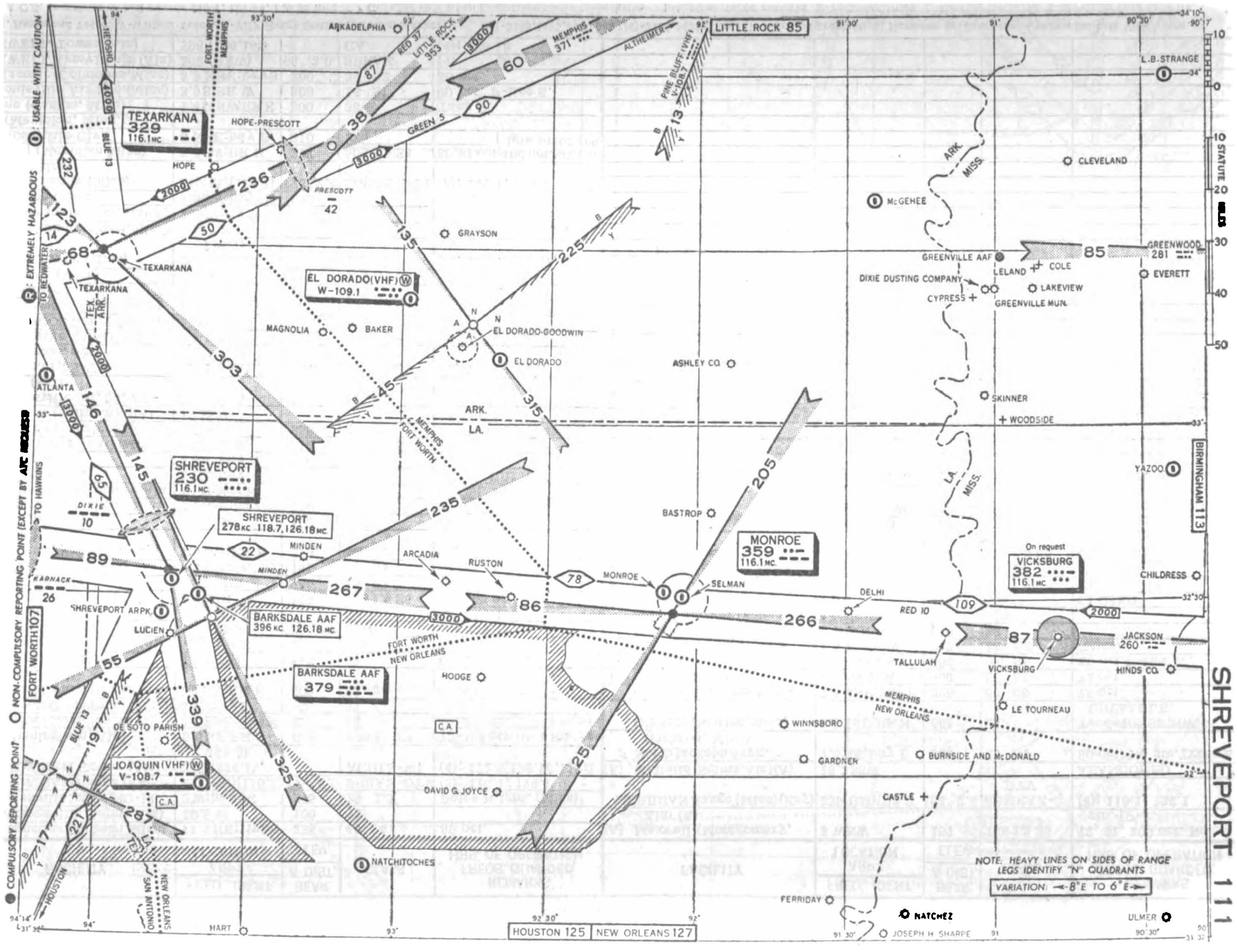
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BARKSDALE(A)	109.9	333.8	143°	IM- (0.01)	MM-·····(1.00)	OM- - -(4.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

EL DORADO Range(Ark)	109.1 (LD)		VARW	
→ JOAQUIN Range (Tex)			VARW	

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.88 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


SHREVEPORT 111
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ARC
COMPULSORY REPORTING POINT
TO HAWKINS
TO REDWATER
FORT WORTH 107
TEXARKANA 329 116.1 MC
HOPE-PRESCOTT
HOPE
PRESCOTT 42
TEXARKANA
TEX. ARK.
BLUE 13
ATLANTA
SHREVEPORT 230 116.1 MC.
SHREVEPORT 278 KC 118.7, 126.18 MC.
DIXIE 10
MINDEN
KARNACK 26
SHREVEPORT ARPK.
LUCIEN
BARKSDALE AAF 396 KC 126.18 MC.
BARKSDALE AAF 379
DE SOTO PARISH
JOAQUIN (VHF) V-108.7
NATCHITOCHES
HART
HOUSTON 125
NEW ORLEANS 127
ARKADELPHIA
LITTLE ROCK 353
MEMPHIS 371
ALTHEIMER
PINE BLUFF (VHF) V-108.7
LITTLE ROCK 85
L.B. STRANGE
GREEN 5
GRAYSON
EL DORADO (VHF) W-109.1
MAGNOLIA
BAKER
EL DORADO-GOODWIN
EL DORADO
ASHLEY CO.
ARK.
LA.
MEMPHIS FORT WORTH
ARCADIA
RUSTON
MONROE 359 116.1 MC.
MONROE
SELMAN
BASTROP
DAVID G. JOYCE
HODGE
C.A.
FORT WORTH NEW ORLEANS
MEMPHIS NEW ORLEANS
HOUSTON
SAN ANTONIO
NEW ORLEANS
CLEVELAND
McGEHEE
ARK. MISS.
GREENVILLE AAF
LELAND
COLE
DIXIE DUSTING COMPANY
CYPRESS
LAKEVIEW
GREENVILLE MUN.
GREENWOOD 281
EVERETT
SKINNER
WOODSIDE
YAZOO
LA. MISS.
BIRMINGHAM 113
On request
VICKSBURG 382 116.1 MC
CHILDRESS
DELHI
RED 10
TALLULAH
VICKSBURG
JACKSON 260
HINDS CO.
LE TOURNEAU
WINNSBORO
GARDNER
BURNSIDE AND McDONALD
CASTLE
FERRIDAY
NATCHEZ
JOSEPH H. SHARPE
ULMER
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 8°E TO 6°E
STATUTE
NAUTICAL

BIRMINGHAM

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
→ Augustine (Jackson,Miss)	11.5 NE;riv SE	335	40 S4	80 oct.
Autaugaville (Selma,Ala)	20.5 W	100	73	
* Batesville Int,29,NO-LS	3 W;hwy SE	205	25 L3	Poles N,lgtd. (Miss)
BIRMINGHAM Range (Ala)	224(BH)(116.1)	178°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
BIRMINGHAM Tower (Ala)	278 (126.18, 118.3)		AC(ILS-W)	(4); 122.5,126.18,118.3
(A) [Birmingham, Ala]	5.5 NE;RR S	643	57h L5 S3	73-100 oct.JP-1.Rdo rec
Bonita (Meridian,Miss)	2.5 ENE;hwy N	329	20 S1	80, 91 oct. rqrd.
(P) Carroll Cone(Tupelo,Miss)	3 W;hwy S	338	37 S1	80 oct.
Central Park (Birmingham, Ala)	5.2 SW;RR E	500	29 S6	80 oct. No sto.
Columbiana (Ala)	1.5 WNW	514	23	Lgt acft only.
(A) Columbus AAF(Miss)(A)	10 N;RR E	215	45h	TMP INACT.NO FACS.
CRAIG Army Range (Ala)	272 (DPP)	320°,2.5	BMRLZ	(3); 126.18
CRAIG Tower (Ala)	219 (126.18)		CA	(3); 126.18
(A) Craig (Selma,Ala) (A)	4.8 SSE	166	53h L5 S6	91, 100 oct.
Cullman (Ala)	5 SSE;RR E	740	15 S2	73 oct.
Dallas (Selma, Ala)	2.2 SW;riv SSE	161	20 S1	80 oct. Trees NE.
[Dannelly](Montgomery, Ala.)	7.5 SW;RR E	219	40h S1	80, 91 oct.
(P) Demopolis (Ala)	7.8 WSW	198	50h	River NW.
E. Jackson (Jackson,Miss)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N.
(A) Elmore (Montgomery,Ala)	10 N;hwy N	203	45	CLOSED (A)
Eupora (Miss)	1 NE;hwy S	325	15 S2	80 oct. Hill NW.
Eutaw (Ala)	2 SE; hwy N	160	23	P-line W.
Forest,46,FV-AG (Miss)	1 W;RR S	512	28 L3 S1	80 oct.
Foster (Tuscaloosa,Ala)	5.5 S	236	32 S4	Ltd 73 oct.Pwr line E
(A) Furniss (Selma,Ala)(A)	10 SSW			ABANDONED
* Gainesville Int, 55, FV-AG (Ala)	2 S;hwy W	174	31 L2	
Gragg,27,PS-TM (Clanton, Ala)	2.2 NE;crk S	571	29 L3 S2	80,91 oct.Hill E.
Greenville,24,NO-AG(Ala)	5.5 WNW	561	26 L2 S4	80 oct. Hwy S.
GREENWOOD Range (Miss)	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4); 116.1
[Greenwood Mun.](Miss)	2.3 SW;RR SE	129	40h L5 S2	80,91 oct.P-line E,SE.
(A) Greenwood AAF (Miss)(A)	5.8 ESE;hwy N	162	50h	CLOSED.
Grenada (Miss)	3 N;RR S	207	50h L5 S2	80,91 oct.Ctc lgts on req
HAWKINS Tower (Miss)	278 (126.18, 118.7)		C(ILS)	(4); 126.18,118.7,122.5
(A,N) [Hawkins](Jackson,Miss)	3 NW;RR SW	343	54h L6 S6	80,91,100 oct.Tank,stack E.
(A) Henderson (Selma,Ala)(A)	29 SW;riv W			ABANDONED
Houston (Miss)	1.5 SW;hwy SE	342	28	Trees W,SE,N;bldg SE.
JACKSON Range (Miss) (Hawkins)	260(JA)(116.1)	173°,2.4	SBRAZ-DTV	(3); 116.1, 122.1
(NG) [Key] (Meridian,Miss)	3.5 SW;RR E	297	50h L5 S4	80,91 oct;100 oct NG.Ctc lgts prior req.
Lauderdale Civil (Meridian, Miss.)	9 NNE;hwy E	310	32h	
Lee (Canton, Miss)	1.4 WNW;RR E	300	38	Tank E.
Louisville Air Svc.(Miss)	3.9 S;RR W	500	16 S1	80 oct. P-line S.
Masonic (Columbus,Miss)	3.9 ENE;hwy S	200	28 S2	80 oct.
MAXWELL Army Range (Ala)	362 (DXW)	86°,2.0	SBRAZ	(4)
MAXWELL Tower (Ala)	396 (126.18)+		CA	(4); 126.18

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(A) Maxwell (Montgomery, Ala) (A)	3 WNW	167	70h L5 S6	73, 91, 100 oct. No sto. JP-1.
MERIDIAN Range (Miss)(Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Mollette (Selma,Ala)(A)	16.2 SSW			ABANDONED
North Jackson Arpk. (Jackson, Miss)	7.5 NE;hwy E	300	25 S4	80 oct. No sto.Trees S
O'Keefe (Newton,Miss)	1.5 ESE;RR N	363	26	Trees NE,SE,NW UNUSABLE.
Oktibbeha (Starkv'l,Miss)	7.5 ENE;hwy E	326	30 S6	73 oct.
(P) Oxford (Miss)	8 S;riv N,W	400	30 S2	73 oct.
→ Philadelphia Arpk (Miss)	2 SE;hwy SW	500	24 S6	80 oct.P-line W.
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	(Miss)
Roberts (Birmingham,Ala)	3 W;RR N	610	39	
Selma-Selfield (Selma,Ala)	4 ENE;RR S	130	40h	
(A) Starkville (Miss) (A)	2 SW	325	50h	CLOSED
(A) Stinson (Aberdeen,Miss)	3 NW;hwy NE	239	30	CLOSED. (A)
TUSCALOOSA H Fac.(Ala)	206(TU)(116.1)		MHTV	(4); 116.1
Van de Graaff,59,FV-AG (Ala)	3 NW;RR N	172	52 L3 S6	80,91 oct.Pole,trees N.
Walker Co. (Jasper,Ala)	2.5 NNE;RR W	527	31 S2	80 oct.
Winona (Miss)	1.3 SSE;RR W	370	29 S4	73,91 oct. Lgt acft only Rnwy data unver.
* Zeiglerville Int,19,NO-LS (Miss)	3 SW;riv N	248	26 L2	Twr SE.Trees E,S,SE.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIRMINGHAM				IM–	MM–	OM–
					MMH 356 ···· (0.72)	OMH 375 — ··· (5.4)
HAWKINS	109.9	333.8	108°	IM–	MM– .–.– (0.70)	OM– – – (4.43)
					MMK–	OMK–
				IM–	MM–	OM–
					MMK–	OMK–

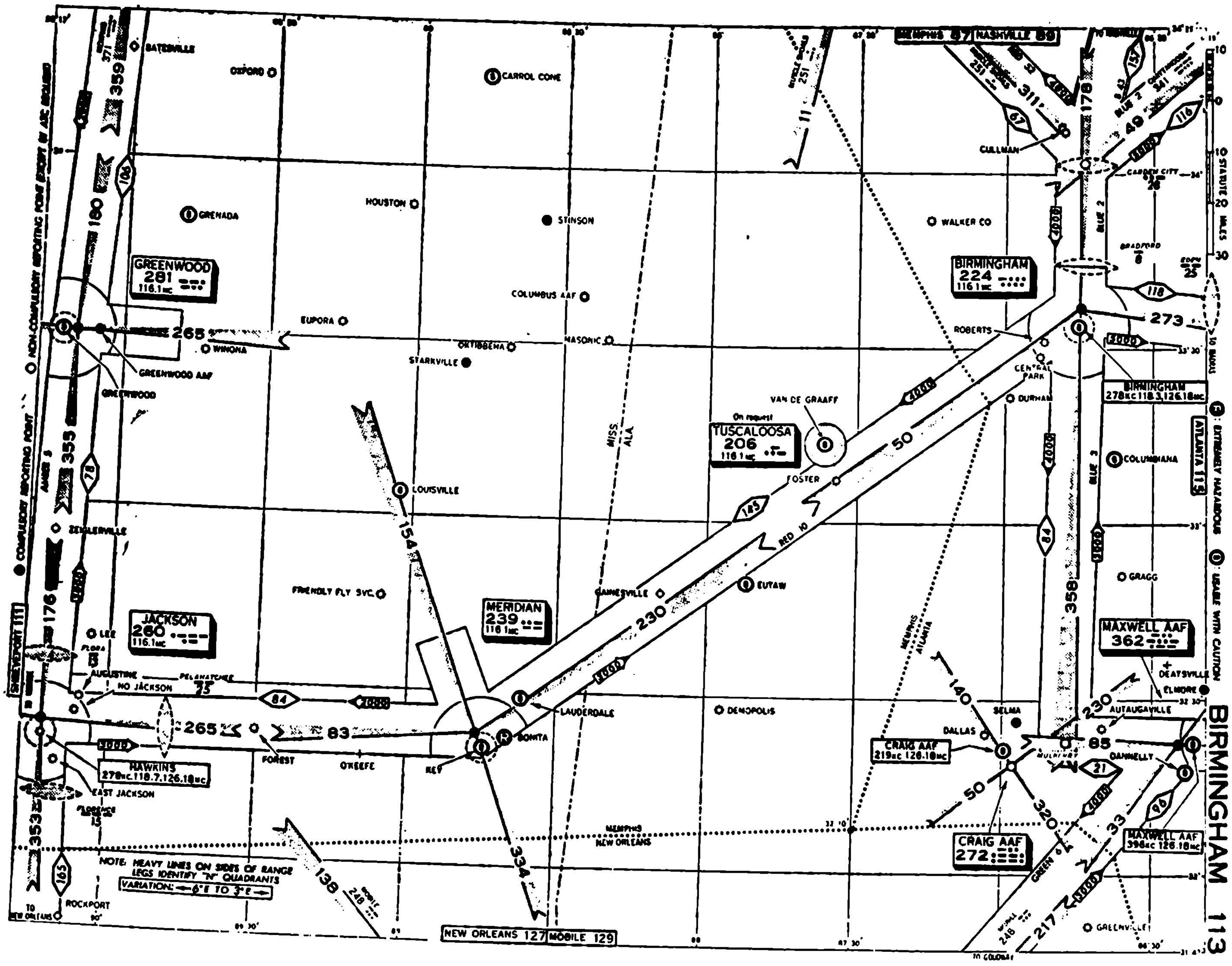
NEW FACILITIES

Friendly Flying Service (Philadelphia,Miss.)	0.7 SE	500	22 S4	80 oct.All appchs blocked.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105,4495,6210 kcs (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


BATESVILLE
OXFORD
CARROL CONE
MEMPHIS 87
NASHVILLE 89
CULLMAN
GRENADA
HOUSTON
STINSON
WALKER CO
GREENWOOD
281
116.1MC
BIRMINGHAM
224
116.1MC
COLUMBUS AAF
EUPORA
WINONA
MASONIC
ORTIBBEHA
STARKVILLE
ROBERTS
GREENWOOD AAF
GREENWOOD
VAN DE GRAAFF
On request
TUSCALOOSA
206
116.1MC
CENTRAL PARK
DURHAM
BIRMINGHAM
278MC 118.3 126.1 8MC
LOUISVILLE
COLUMBIANA
FOSTER
ATLANTA 113
ZELLERVILLE
FRIENDLY FLY SVC
MERIDIAN
239
116.1MC
EUTAW
GAINESVILLE
GRAGG
JACKSON
260
116.1MC
LEE
AUGUSTINE
PELAHATCHIE
NO JACKSON
MAXWELL AAF
362
DEATSVILLE
ELMORE
LAUDERDALE
DENOPOLIS
SELMA
AUTAUGAVILLE
DALLAS
CRAIG AAF
219MC 126.1 8MC
FOREST
OKEEFE
REF
BONITA
HAWKINS
278MC.118.7.126.1 8MC
EAST JACKSON
DANNELLY
CRAIG AAF
272
MAXWELL AAF
396MC 126.1 8MC
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 6°E TO 3°E
ROCKPORT
TO NEW ORLEANS
NEW ORLEANS 127
MOBILE 129
GREENVILLE
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
USABLE WITH CAUTION
BIRMINGHAM 113

ATLANTA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albertville (Ala)	1 NW;RR NE	1063	15 S1	80 oct.
Allen (Buford, Ga)	1.5 S;hwy SW	1070	15 S1	80 oct. P-line SW.
→ Allenport (Montgomery)	4.3 SSE;RR 2 W	175	30 S6	80 oct. Trees N. (Ala)
→ Americus (Ga)	1.5 S;RR W			ABANDONED
Anniston (Ala)	5.5 SSW	610	24 S3	80 oct. P-line W, lgtd.
(A) Anniston AAF (Ala)(A)	15 SW;hwy N	527	53h	TMP INACT. NO FACS.
Athens (Ga)	3.5 E;RR N	807	40h L3 S6	80,91 oct. Lgts prior req
ATLANTA Range (Ga)	266(AG)(vhf)	331°,1.9	SBRA Z-DTXV	(3); 116.1, 122.1
ATLANTA Tower (Ga)	278(118.7,126.18)		AC(ILS-W)	(4); 126.18,118.7,122.5
→ (A) [Atlanta] (Ga)	8 S; RR N	1005	48h L6 S6	73-100 oct. ARMY TMP
ATLANTA Navy Range (Ga)	323 (NCQ)	86°,3.2	MRLWZ	INACT-CIVIL FACS
ATLANTA NAS Tower (Ga)	356 (142.74)		CN	3105,4495,3117.5;142.7
(N) Atlanta NAS (Ga) (N)	8.5 NNE	1002	39h (L6) S6	100 oct. Hwy SE.
(P) Auburn-Opelika (Auburn)	2.8 E;RR N	770	40h L5 S6	80 oct. (Ala)
Bentley (Calhoun Falls,S.C.)	3 ENE	500	16	RR NNW.
* Butler Int,14,TJ-AG (Ga)	0.5 NW;RR S	667	32 L3	Poles S.
→ Cedartown (Ga)	1.2 W;hwy SE	800	30 S4	80 oct. SE blkd.
Centre (Ala)	0.6 NNW	720	22 S4	80 oct. SSE appch blckd.
City-Co. (Carrollton,Ga)	3.3 NE;hwy E	1200	12 S1	Ltd 73 oct.
Clevenger's Arpk. (Marietta, Ga)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No sto.
Cobb (Marietta, Ga)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct. No sto. Trees
(A) Cochran (Macon,Ga)(A)	10 S;RR E	354	50h	TMP INACT. NO FACS. NW.
→ Cochran 50,MM-AG (Ga)	5 NE;rd N	324	30 L2 S6	80 oct. Poles NW,NE,S, SE. (Ga)
Columbus (Ga)	1.5 SSE;riv SW	215	45 S4	80 oct.
(P) Cordele (Ga)	1.6 NNE;RR W	305	52h L3 S1	80 oct.
Crawford W. Long (Jefferson, Ga)	2.5 S;RR E	950	27 L1 S1	80 oct. P-line SE
(N,P) Dublin (Ga)	4.5 WNW;hwy S	303	50h S1	73 oct. NATS (Hospital)
→ Elberton (Ga)	2 SE;hwy W,N	800	19 S1	80 oct. Obst sur fld.
Felton (Cartersville,Ga)	2.5 N	790	23	Hills S,W,N;wires E,W
Flying "S" Ranch (Villa Rica, Ga)	1.7 NE	1040	17 S4	80 oct. No sto. Rocks NE Data unver.
Gadsden (Ala)	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Gainesville (Ga)	1.5 S;RR E,NW	1277	40h (L5) S6	80,91 oct. Lgts on req.
Griffin (Ga)	1.5 S;hwy E	936	30 L3 S6	80 oct. Twr E.
GUNTER Tower (Ala)	201		CA	4495(Oper. on a variable schedule)
(A) Gunter (Montgomery,Ala)	5 NE	225	35h	(A)
[Herbert Smart] (Macon,Ga)	4 ESE;hwy W	463	47h L5 S6	80, 91 oct.
Hurtsboro (Ala)	2.5 SE;RR SW	349	23 S1	78 oct.
Jackson Int,57,MM-AG(Ga)	4.6 SW;rd S	716	30 L3	Barn E;bldg W.
→ JONESBORO K Fac. (Ga)				DECOMMISSIONED.
→ Kings (Milledgeville, Ga)	See Milledgeville under "New Facilities" - name changed.			
(P) La Grange (Ga)	3 SW;RR ESE	700	50h L2	
Lakewood (Atlanta,Ga)	4 S;lake SE	1026	16 S4	80 oct.
LAWSON Army Range (Ga)	379 (DVL)	21°,3.3	BMRLZ	(3)
LAWSON Tower (Ga)	278 (126.18)+		CA	(3); 126.18 CLOSED.
(A) Lawson (Columbus,Ga)(A)	9.5 S;riv W	232	59h L5 S6	91,100 oct. No sto.
McRae,47,MM-AG (Ga)	2 SE;RR NE	247	26 L3	
MACON Range (Ga) (Herbert Smart)	209(UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1,122.1
Madison (Ga)	2 SSW;RR E	720	27 S2	80 oct. Pwr line SSE.
MARIETTA AAF Twr (Ga)	396 (126.18)		CA	3105,4495;126.18(8-20)
(A) Marietta AAF (A) (Ga)	2.5 SE	1030	60h L5 S4	100 oct. JP-1.
Montezuma (Ga)	1.5 E;RR S,W	300	35 S1	Ltd 80 oct.
Morton (Palmetto,Ga)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line SE.
Moton (Tuskegee, Ala)	3 N;RR,riv E	269	40 S6	80,91 oct. Twr S end.
[Muscogee Co.] (Columbus, Ga)	6 NE;hwy E	386	40h L5 S6	80,91 oct. Fld lgts prior req.
Newnan Arpk (Ga)	3.7 SE;RR W	970	20 L1 S1	80 oct.
Norman Bridge (Montgomery, Ala)	5.8 S;RR E	172	20 S4	73 oct. No sto.
Parkaire (Marietta, Ga)	7.7 E;hwy SW	1100	22 S1	80 oct.
Polo Arfld (Athens, Ga)	2 WSW;hwy N	720	12 S4	80 oct. No sto.
Red Dog (Cochran, Ga)	6.2 NW;RR W	300	22 S4	80 oct. Trees N,E.
Reginald Grant Memorial (Thomaston, Ga)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S. Trees
Ries (Macon, Ga)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg. NE.
ROBINS Tower (Ga)	284 (126.18)+		CA	(3); 126.18
(A) Robins (Warner-Robins)	1.5 NE Wellst'n	295	70h L5 S6	62,73,100 oct. JP-1.(A)
Roosevelt (Warm Spgs,Ga)	3.5 N;hwy W	870	22 S2	80 oct. Trees SE,SW,NW
Rockmart (Ga)	2 ENE;RR W	800	20 S1	80 oct. P-line W.
Rome (Ga)	3 NW;RR S	669	25 S6	80 oct. No sto.
(N) Russell (Rome, Ga)	7 N;hwy N	644	45h L5 S6	80,91 oct. Lgts prior req.
* Siloam Int, 7B, AG-CS (Ga)	1.3 S;rd W	654	39 L3	82' mast SE Data unver corner N/S strip.
Souther (Americus,Ga)	4 NE;RR W	470	66	
Talladega (Ala)	2.6 NE;RR SE	590	20	P-line E, hill W.
* Tallapoosa Int,73,FV-AG	5.5 SSE	1210	21 L3	Trees SE;house NW.(Ga)
Thomas C. Russell (Alexander City, Ala)	1.5 SW;hwy E	711	31 S5	80 oct.
(A) Troy (Ala) (A)	4.8 NNW;rd E	393	50h	CLOSED.
(A) Tuskegee AAF (Ala)(A)	7.3 NW;RR S	253	50h	CLOSED.
→ Tuskegee Institute #1 (Ala)	4 SSE;hwy W			ABANDONED.
(A) Vidalia-Lyons (Vidalia,Ga)	3.2 SE;hwy N	274	50h	TMP INACT. NO FACS.
Wages (Lawrenceville,Ga)	1.8 N;hwy E	1075	12 S2	80 oct. E blckd. (A)
Washington (Ga)	1.4 NW;RR SE	600	22 S1	80 oct.
Weedon (Eufaula,Ala)	4.3 NNE;hwy E	275	28 S2	80 oct.
* Winder Int,4,AG-LG (Ga)	1.5 NE;bet rds	950	30 L3	Trees, bldg N.
Woodbury (Ga)	1.5 E	770	16 S1	Fuel, Data unver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ATLANTA	109.9 --.--	333.8	329°	IM-	MM- ·-·-(0.70)	OM- – –(4.40)
					MMH-201 ·–··	OMH-219 ····

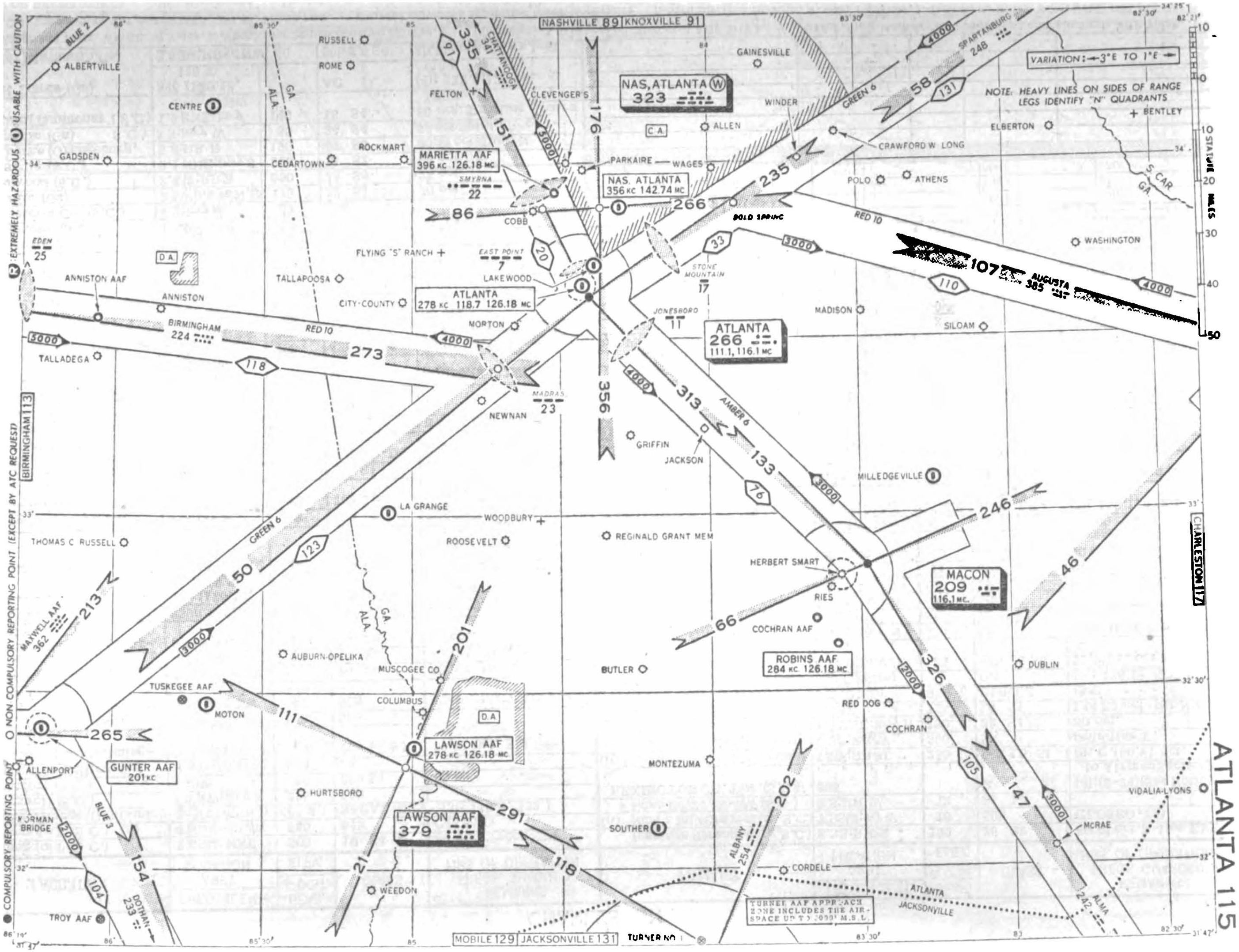
NEW FACILITIES

→ Milledgeville ,(Ga.)	1.5 NW;RR W	360	23 S4	80 oct. No sto.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.86, 149.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


NASHVILLE 89 KNOXVILLE 91
BLUE 2
ALBERTVILLE
RUSSELL
ROME
CENTRE
GADSDEN
CEDARTOWN
ROCKMART
ALA
GA
FELTON
CHATTANOOGA 141
335
91
151
MARIETTA AAF
396 KC 126.18 MC
SMYRNA
22
CLEVENGER'S
3000
176
NAS, ATLANTA W
323
GAINESVILLE
WINDER
C A
ALLEN
PARKAIRE
WAGES
NAS. ATLANTA
356 KC 142.74 MC
4000
SPARTANBURG
248
GREEN 6
58
131
VARIATION: 3°E TO 1°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
BENTLEY
ELBERTON
CRAWFORD W. LONG
POLO
ATHENS
S CAR
GA
235
266
BOLD SPRING
RED 10
86
COBB
EDEN
25
D A
ANNISTON AAF
ANNISTON
FLYING "S" RANCH
EAST POINT
7
20
TALLAPOOSA
LAKEWOOD
CITY-COUNTY
ATLANTA
278 KC 118.7 126.18 MC
STONE MOUNTAIN
17
33
WASHINGTON
107
AUGUSTA
385
110
JONESBORO
11
MORTON
MADISON
SILOAM
ATLANTA
266
111.1, 116.1 MC
BIRMINGHAM
224
RED 10
273
5000
4000
TALLADEGA
118
MADRAS
23
NEWNAN
313
AMBER 6
356
GRIFFIN
JACKSON
133
76
3000
MILLEDGEVILLE
LA GRANGE
WOODBURY
33°
246
THOMAS C RUSSELL
ROOSEVELT
REGINALD GRANT MEM
HERBERT SMART
RIES
MACON
209
116.1 MC.
46
CHARLESTON 117
GREEN 6
50
123
MAXWELL AAF
362
213
3000
COCHRAN AAF
66
ROBINS AAF
284 KC 126.18 MC
AUBURN-OPELIKA
MUSCOGEE CO
201
BUTLER
DUBLIN
TUSKEGEE AAF
MOTON
111
COLUMBUS
D.A
2000
326
32°30'
RED DOG
COCHRAN
265
LAWSON AAF
278 KC 126.18 MC
MONTEZUMA
105
147
ALLENPORT
GUNTER AAF
201 KC
HURTSBORO
LAWSON AAF
379
291
VIDALIA-LYONS
NORMAN BRIDGE
BLUE 3
154
SOUTHER
ALBANY
254
202
MCRAE
104
TROY AAF
DOTHAN
233
21
WEEDON
118
CORDELE
32°
ATLANTA
JACKSONVILLE
ALMA
242
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 2000' M.S.L.
MOBILE 129 JACKSONVILLE 131
TURNER NO 1
83°30'
82°30'
31°47'
10
0
10
20
30
40
50
STATUTE MILES
EXTREMELY HAZARDOUS USABLE WITH CAUTION
NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
BIRMINGHAM 113
COMPULSORY REPORTING POINT
ATLANTA 115

CHARLESTON

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Aiken (old) (S.C.)	2 E;RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken AAF (S.C.) (A)	6 NNE;RR SW	530	51h	CLOSED
AUGUSTA Range (Ga) (Daniel)	385 (VD) (116.1)	46°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Barnwell (S.C.)	1 WNW;hwy E	235	50h	
(P) Beaufort (S.C.)	4 NW	38	60h S4	80 oct.
Birdsville (Millen, Ga)	9.4 WNW;riv S	200	22	
(P) [Bluethenthal] (Wilmington, N.C.)	2.4 NNE;RR W	30	70h L5 S4	80,91 oct. Fld lgts prior req.
Bush (Augusta, Ga)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville, Ga) (A)	3 NE;hwy SW	46	50h	TMP INACT. NO FACS.
Carlisle (Bamberg, S.C.)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Beach (N.C.)	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
Carolina Skyways (Charleston, S.C.)	6 SSW;riv W	10	26 S4	80 oct.
CHARLESTON Range (S.C.)	329 (CS) (116.1)	110°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower (S.C.)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18, 118.3, 122.5
(A,N) [Charleston Mun.] (S.C.)	9.8 NW;RR NE	45	70h L6 S4	100 oct. Use rnwys only. ARMY TMP INACT CIVIL FACS NATS
(N) Charleston (S.C.) (N)	4 N;riv E	13	17h	INACTIVE. (Hospital)
(NG) Chatham AAF (Savannah, Ga) (NG)	7.5 NW;RR E	50	70h L5	100 oct, 1-ech ltd 2-ech maint NG.
Clark (Charleston, S.C.)	4 S;riv SW	6	21 S1	80 oct. Trees sur fld.
COLUMBIA Range (S.C.) (Lexington Co).	227 (CI) (116.1)	268°,7.3	SBRAZ-DTV	(4); 116 1,122.1
(NG) Congaree (Columbia, S.C.)	15.5 ESE;RR S	237	45h	NAVY INACTIVE.
(A) Coronaco AAF (Greenwood, S.C.) (A)	3.8 N;RR E	629	50h	
DANIEL Tower (Ga)	278 (126.18, 118.9)		C	(4);126.18,122.5,118.9
[Daniel] (Augusta, Ga)	2.5 W;RR S	420	42h L5 S4	80,91 oct. Use rnwys only
Donald (St. Matthews, S.C.)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct. Trees SE.
Duke (Chadbourn, S.C.)	1 N;RR SW	96	20 S4	80 oct.
* Elloree Int, 25, AG-CS (S.C.)	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill (S.C.)	2.5 SSW;RR E	135	25	
FLORENCE Range (S.C.)	320 (FL) (116.1)	292°,1.7	SBMRLZ-DTV	(4); 116.1,122.1
Florence (S.C.)	3.5 E;RR SW	146	60h L5 S1	80, 91 oct.
Georgetown (S.C.)	1 NW;riv E	12	29 S6	80, 91 oct.
(P) Georgetown Co. (S.C.)	4 S;bay E	37	50h	
Glenville (Ga)	2 SW;hwys N,E	175	32 S1	80 oct.
Greenwood (S.C.)	2.6 W;RR E	650	24 S6	73 oct.
Hartsville (S.C.)	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg,	5 S;RR E	195	47 S6	80,91 oct. Tank N
Hinesville (Ga) S.C.)	3 S;hwy W	55	24 S4	73 oct. No sto. Rdo re-
Huggins (Timmonsv'l, S.C.)	1.5 ENE;hwy NW	149	18 S4	80 oct. Pwr line pairs NNW
HUNTER Tower (Ga)	278 (126.18, 118.7)		AC	(4); 122.5,126.18, 118.7
[Hunter] (Savannah, Ga)	3.5 SW;RRyd NW	40	50h L5 S6	80,91 oct. 144' twr, lgtd.
Jennings (Orangeburg, S.C.)	2.3 S;RR E	190	25 S2	80,91 oct. P-line ENE
(A) John's Isl. (Charleston, S.C.)	7 SSW;rd W	16	50h	CLOSED. (A)
* Lane Int, 24, JX-RW (S.C.)	3 S;RR W	72	34 L3	
LEXINGTON CO. Twr. (S.C.)	396		C	(4);(8-24) (See Notice to Airmen Section)
(P) [Lexington Co.] (Columbia)	7 SW;RR SE	233	56h L5 S1	(S.C.) 80,91 oct.
(P) Lindsey (Swainsboro, Ga)	2.3 S;RR W	300	30	Pole line E.
Manning (Allendale, S.C.)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning (S.C.)	1.5 SE	125	20 S1	Ltd 80 oct. RR NNE
MYRTLE BEACH Army Rng	379 (DMB)	69°,4.4	BMRLZ	(S.C.)
MYRTLE BEACH AAF Tower	272 (126.18)		CA	(3); 126.18 (S.C.)
(A) Myrtle Beach AAF (S.C.) (A)	3 WSW;hwy SE	24	50h L5 S6	73,91,100 oct. No sto.
(A) North (S.C.) (A)	1.5 SE;hwy N	320	50h	TMP INACT. NO FACS
North Augusta (S.C.)	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee, S.C.)	3.5 SE;hwy SE	33	60h	
→ Owens (Columbia, S.C.)	2.5 SE;RR SW	192	36h L4 S6	80 oct. Tank WSW;twr
(N) Parris Isl. MCAS (S.C.) (N)	1.5 S	11	60h	INACTIVE. SSE
Peiffer (Wilmington, N.C.)	6 ESE;ocean E	10	18 S1	80 oct. P-line NNE; trees N,S,SW.
Ridgeland (S.C.)	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SAVANNAH Rng (Ga) (Hunter)	263 (SH) (116.1)	51°,2.2	SBMRLZ-DTV	(3); 116.1, 122.1
Savannah-Wilmington (Savannah, Ga)	8 ESE;hwy N	10	28 S6	73 oct. Trees NE,SW
SHAW Tower (S.C.)	272 (126.18)		CA	(3); 126.18 (7-24)
(A) Shaw (Sumter, S.C.) (A)	7 WNW;RR W	236	45h L5 S6	73,91,100 oct. JP-1.
(A) Statesboro AAF (Ga) (A)	3.8 NE;hwy W	180	54h	CLOSED.
(P) Sumter (S.C.)	1.5 NW;RR S	169	30 S6	80,91 oct. Data unver.
(A) Sylvania AAF (Ga) (A)	7.5 SSE;hwy E	175	50h	CLOSED.
Trenton (S.C.)	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston, S.C.)	5.5 W;RRs N	12	29 S6	80 oct. Poles sur fld.
(P) Walterboro (S.C.)	1.3 NE;hwy SE	93	58h	
W. Savannah (Savannah, Ga)	3 W;RR W,N	42	23 S6	80 oct. P-line NW.
Whiteville (N.C.)	3.7 S;RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpk. (N.C.)	3 SE;hwy N	20	27 S4	80 oct. N & E blocked.
(P) Woodward (Camden, S.C.)	2.9 NE;hwy E	300	30h S4	80 oct.

INSTRUMENT LANDING SYSTEMS (*Localizer and G.P. in mcs, Compass Locators in kcs*)

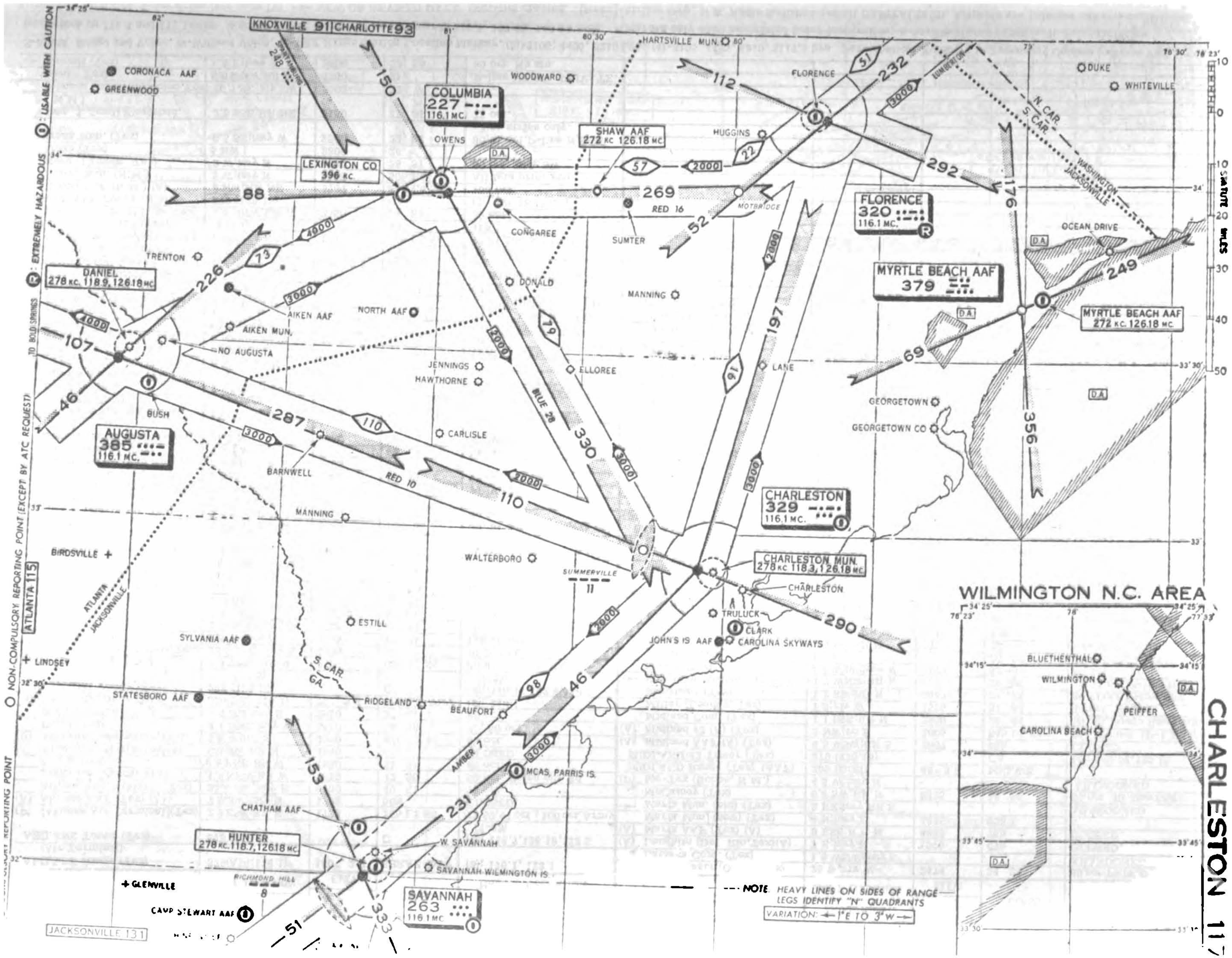
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON	110.3 -·-·-	335	147°	IM-	MM- ·—·—(0.64)	OM- ——(4.18)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.

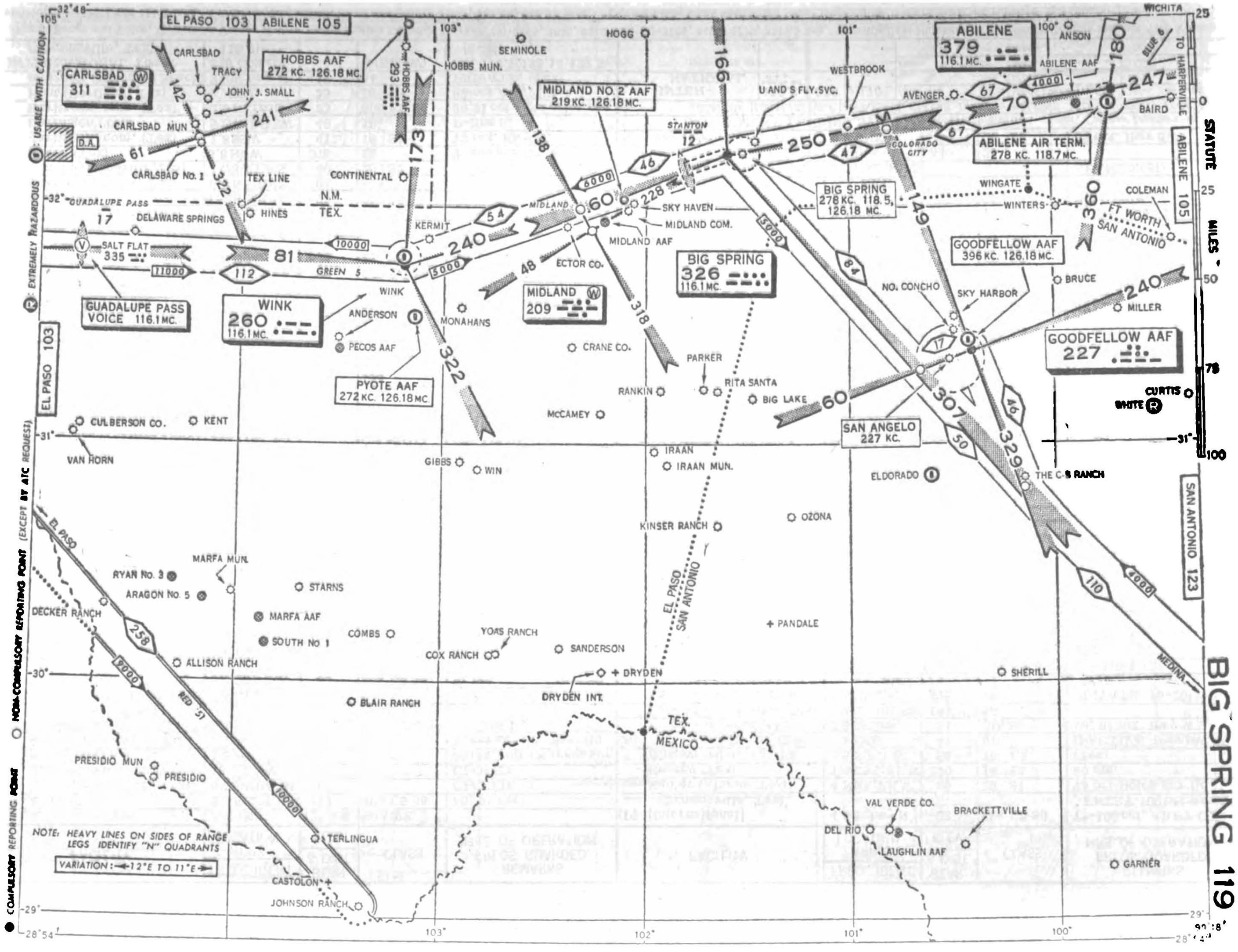

KNOXVILLE 91 CHARLOTTE 93
CORONACA AAF
GREENWOOD
COLUMBIA 227 116.1 MC.
WOODWARD
HARTSVILLE MUN.
FLORENCE
DUKE
WHITEVILLE
SHAW AAF 272 KC 126.18 MC
OWENS
HUGGINS
LEXINGTON CO 396 KC.
CONGAREE
SUMTER
MOTTBRIDGE
FLORENCE 320 116.1 MC.
OCEAN DRIVE
TRENTON
DANIEL 278 KC. 118.9, 126.18 MC
DONALD
MANNING
MYRTLE BEACH AAF 379
MYRTLE BEACH AAF 272 KC. 126.18 MC
AIKEN AAF
NORTH AAF
AIKEN MUN.
NO AUGUSTA
JENNINGS
HAWTHORNE
ELLOREE
LANE
GEORGETOWN
GEORGETOWN CO
BUSH
AUGUSTA 385 116.1 MC.
CARLISLE
BARNWELL
CHARLESTON 329 116.1 MC.
MANNING
BIRDSVILLE
WALTERBORO
SUMMERVILLE
CHARLESTON MUN. 278 KC 118.3, 126.18 MC
CHARLESTON
TRULUCK
CLARK
JOHN'S IS AAF
CAROLINA SKYWAYS
ESTILL
SYLVANIA AAF
LINDSEY
STATESBORO AAF
RIDGELAND
BEAUFORT
MCAS, PARRIS IS.
CHATHAM AAF
HUNTER 278 KC. 118.7, 126.18 MC
W. SAVANNAH
SAVANNAH WILMINGTON IS
GLENVILLE
CAMP STEWART AAF
SAVANNAH 263 116.1 MC
JACKSONVILLE 131
ATLANTA 115
WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
PEIFFER
CAROLINA BEACH
D: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
NON-COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 1°E TO 3°W
STATUTE MILES
CHARLESTON 11

BIG SPRING

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ABILENE Range (Tex) (Air Terminal)	379(AP)(116.1)	180°, 2.2	SBRAZ-DTV	(3); 116.1, 122.1
ABILENE Tower (Tex)	278 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
(P) [Abilene Air Terminal](Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.; 100 oct.Army
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1793	50h	CLOSED.
Allison Ranch (Marfa, Tex)	23.4 SW;hwy E	5100	49 S1	73 oct.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct. Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED.
(P) Avenger (Sweetwater,Tex)	3.5 W;RR S	2370	62h L5 S1	80 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;hwy S	2950	37 S1	80 oct.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-VDT	(3); 116.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18,122.5,118.5 (7-23)
(N)(P) [Big Spring] (Tex)	3.3 WSW;RR N	2595	62h L5 S6	80,91,100 oct. NATS.
Blair Ranch (Marathon, Tex)	23.5 SSW;hwy E	4180	24	PRIVATE.
Brackettville (Tex)	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Bruce (Ballinger, Tex)	4.5 SSW;hwy NW	1731	23h S6	80 oct.Usable strip 7460'.
CARLSBAD Range (Mun)(N.M.)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad Mun] (N.M.)	6.1 SSW	3276	65h L5	Hwy E. Rnwy lgts on req.
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Castolon (Tex)	0.8 NNW;riv SW	2300	16	High butte 0.5 mi E.
C-B Ranch (Fort McKavett, Tex)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld.
→ Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80, 91 oct. Use rnwys only
→ Combs (Marathon, Tex)	0.8 SE;RR N	4100	36 S2	80 oct.
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Cox Ranch (Longfellow,Tex)	8.4 WSW;RR S	3700	48	PRIVATE.
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
(P) Culberson Co.(Van Horn,Tex)	3.5 ENE;RR S	3955	60h	
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Decker Ranch (Candelaria, Tex)	11.5 N	3650	29	PRIVATE
** Delaware Springs Int, 11, EO-FV (Tex)	16.8 E Pine Springs	3955	40 L3 S1	91 oct. P-line SSE.
Del Rio (Tex)	1.5 WSW;hwy E	1000	30 S4	80 oct. No sto.Poles N.
Dryden Airdrome (Tex)	1 W	2159	18	
** Dryden Int,29,EO-JI (Tex)	5.7 W;hwy N	2300	45h L3	
→ Dyche (Ft. Stockton,Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S2	80 oct.
→ Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct. Poles E.Cattle on fld.
(A) Fort Clark (Brackettville)(A)	1.5 SW;rd E			ABANDONED
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
GOODFELLOW Army Range	227 (DIP)	329°,2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)	396 (126.18)+		CA	(3); 126.18
(A) Goodfellow (San Angelo,Tex)	3 SE;rds N,W	1877	55h L5 S6	73,91,100 oct. JP-1. (A)
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
Hobbs Mun. (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE. Use strips only.
John J. Small (Carlsbad, N.M.)	3.5 SSE;RR NE	3150	27 S1	73 oct.
Johnson Ranch (Castolon,Tex)	10.7 SE;riv SW	2092	37	
Kent (Tex)	0.6 WNW;RR S	4260	21	P-line NE,SW. PRIVATE.
→ Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona,Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
(A) Laughlin (Del Rio,Tex)(A)	7 E;hwy N	1070	67h	CLOSED.
(A) Marfa AAF (Tex) (A)	9 ESE;R R N	4885	75h	CLOSED.
Marfa Mun. (new) (Tex)	4 N;hwy E	4835	53h	
→ Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
(P) Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED
MIDLAND Range (Tex) (AAF)	209 (DON)	48°,3.8	MRLWZ	
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18
(A) Midland AAF (A) (Tex)	9.5 WSW;RR S	2867	65h	CLOSED.
(A) Midland #2 (A) (Tex)	3 NW;rd E	2805	64h L5 S4	91, 100 oct. JP-1.No sto.
Midland Com. (Tex)	1.1 SSE;RR N	2800	28 S4	80 oct.No sto.Rnwy data unver.
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW.
→ North Concho(San Angelo,Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Pandale (Tex)	8 NE		20 S2	80 oct. Data unver
Parker, (Texon,Tex)[	2.3 W; RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Presidio (Tex)	4 N;hwy W	2850	48	NOT MAINTAINED.
Presidio Air Strip (Tex)	0.8 NE;RR S	2580	21	PRIVATE.
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91,100 oct. No sto.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S.Use strips only.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Obsts sur fld.
(A) Ryan #3 (Marfa,Tex) (A)	19 WNW;RR NE	4750	60h	CLOSED.
SAN ANGELO Tower (Tex)	272		CI	(4); (12 noon-1 hr after sunset).
(P) [San Angelo] (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Sanderson Land Strip (Tex)	2 W;RR N	2900	24	PRIVATE.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Sherrill(Rock Springs, Tex)	4 W;hwy S	2400	21	Cattle on fld.
Sky Harbor (Anahuac, Tex)	0.3 S;hwy N	24	22 S1	80 oct.
Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
(A) South #1 (Marfa, Tex) (A)	15 SE	4825	60h	CLOSED.
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct.Rnwy lgts prior req
Terlingua (Tex)	2 E;hwy SW	2700	36	
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Tracy (Carlsbad, N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
U & S Fly.Svc.(Big Springs)	1.5 N;hwy S	2517	30 S6	80 oct. (Tex)
Val Verde Co.(Del Rio, Tex)	4.5 ENE;RR S	1094	49h	
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct. Poles NW.
** Westbrook Int,32,EO-FV	1.3 S;RR N	2188	34 L3	P-line N,S. (Tex)
White (Brady, Tex)	10 W;RR N	1550	73	
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260 (WP)(116.1)	353°,1.2	SBRAZ-DTV	(4); 116.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80,91 oct.
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
Yoas Ranch (Longfellow,Tex)	6.5 WSW;RR N	3675	36	PRIVATE.P-line NW.

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. °Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


EL PASO 103 ABILENE 105
CARLSBAD 311
CARLSBAD
TRACY
JOHN J. SMALL
CARLSBAD MUN
CARLSBAD No. 1
HOBBS AAF 272 KC. 126.18 MC.
HOBBS AAF
HOBBS MUN.
SEMINOLE
HOGG
MIDLAND NO. 2 AAF 219 KC. 126.18 MC.
STANTON
12
U AND S FLY. SVC.
WESTBROOK
ABILENE 379 116.1 MC.
ANSON
ABILENE AAF
AVENGER
COLORADO CITY
ABILENE AIR TERM. 278 KC. 118.7 MC.
WINGATE
WINTERS
COLEMAN
FT. WORTH
SAN ANTONIO
BAIRD
TO HARPERVILLE
ABILENE 105
BIG SPRING 278 KC. 118.5, 126.18 MC.
GOODFELLOW AAF 396 KC. 126.18 MC.
GOODFELLOW AAF 227
BRUCE
MILLER
NO. CONCHO
SKY HARBOR
CURTIS
WHITE R
TEX LINE
CONTINENTAL
N.M.
TEX.
GUADALUPE PASS
DELAWARE SPRINGS
HINES
KERMIT
MIDLAND
SKY HAVEN
MIDLAND COM.
MIDLAND AAF
SALT FLAT 335
GUADALUPE PASS VOICE 116.1 MC.
WINK 260 116.1 MC.
WINK
ANDERSON
PECOS AAF
PYOTE AAF 272 KC. 126.18 MC.
ECTOR CO.
MIDLAND 209
BIG SPRING 326 116.1 MC.
MONAHANS
CRANE CO.
PARKER
RANKIN
RITA SANTA
BIG LAKE
McCAMEY
SAN ANGELO 227 KC.
ELDORADO
THE C-S RANCH
CULBERSON CO.
KENT
VAN HORN
GIBBS
WIN
IRAAN
IRAAN MUN.
KINSER RANCH
OZONA
PANDALE
SANDERSON
COX RANCH
YOAS RANCH
COMBS
SOUTH No. 1
MARFA AAF
STARNS
MARFA MUN.
RYAN No. 3
ARAGON No. 5
DECKER RANCH
ALLISON RANCH
BLAIR RANCH
DRYDEN
DRYDEN INT.
SHERILL
EL PASO SAN ANTONIO
TEX. MEXICO
PRESIDIO MUN
PRESIDIO
TERLINGUA
CASTOLON
JOHNSON RANCH
DEL RIO
VAL VERDE CO.
BRACKETTVILLE
LAUGHLIN AAF
GARNER
SAN ANTONIO 123
MEDINA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 11°E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
EL PASO 103
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
STATUTE MILES
BIG SPRING 119

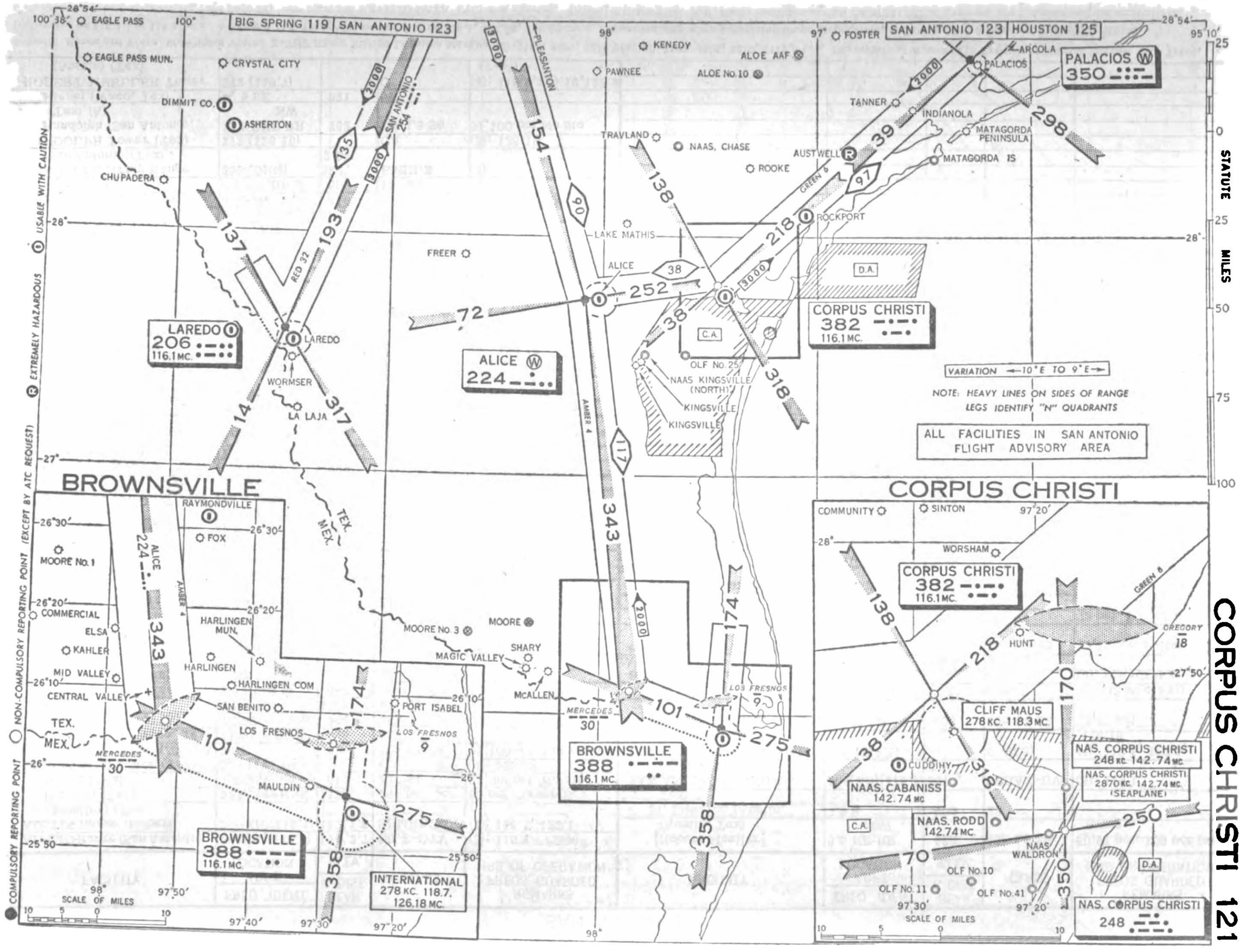
CORPUS CHRISTI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALICE Range (Tex)	224 (EZ)	72°,3.6	SRAWZ	
(P) Alice (Tex)	3.3 ESE;RR N	177	48h L5 S6	80, 91 oct.
(A) Aloe AAF (Victoria,Tex)	6 WSW;RR SE	107	57h	CLOSED. (A)
(A) Aloe #10 (Victoria,Tex)(A)	19.8 WSW	150	40h	CLOSED.
Asherton (Tex)	1 S;RR NE	552	22 S1	80 oct.Poles N;trees sur
* Austwell Int,5A,CR-HU	2.1 SSW;bay NE	23	32 L2	Fence sur fld.(Tex) fld.
BROWNSVILLE Range (International) (Tex)	388(JI)(116.1)	157°,2.3	SBRAZ-DTV	(3); 116.1
CABANISS NAAS Tower (Tex)	(142.74)		CN	3105;142.74(during flgt
(N) Cabaniss NAAS (Corpus Christi, Tex) (N)	6.2 SSW;RR NE	30	50h L5 S4	91 oct. opers).
Central Valley (Mercedes)	1.5 NE;hwy S	62	31h S6	80,91 oct.Data unver
(N) Chase NAAS (Beeville, Tex) (N)	5.6 ESE;rd N	186	46h	INACTIVE. (Tex)
Chupadera Ranch Emerg. Strip (Laredo, Tex)	60 NW	630	33 L1	
CLIFF MAUS Tower (Tex)	278 (118.3)		C	(4);118.3,126.18,122.5 (7-23)
[Cliff Maus](Corpus Christi, Tex)	2.5 SW;RR N	42	45h L5 S6	80,91 oct.No sto.Repairs for airlines only
Commercial (Edinburg)	1 W;RR SE	90	20 S1	73 oct.P-line NW,NNW.
Community (Sinton,Tex)	2 W;RR SE	143	30	(Tex)
CORPUS CHRISTI Range (Cliff Maus) (Tex)	382(CR)(116.1)	138°,2.9	SBMRLZ-DTV	(3); 116.1
CORPUS CHRISTI Navy Range	248 (NGP)	350°,3.3	MLZ	(3); 142.74
CORPUS CHRISTI NAS Tower	248 (142.74)		CN (GCA)	(3); 142.74
(N) Corpus Christi NAS (Tex)	9.5 SE	19	58h L5 S6	91,100 oct. NATS.(N)
CORPUS CHRISTI NAS Seaplane Tower (Tex)	2870(142.74)		CN	3105;6210; 142.74
(N) Corpus Christi OLF #10 (Tex) (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLF #11 (Tex)(N)	16 SSW	29	15h	13 SSW Aberdeen
(N) " OLF #25 (Tex)(N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLF #41 (Tex)(N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City (Tex)	1.8 N;RR W	600	32 S1	80,91 oct.P-line NE,NW
CUDDIHY NAAS Tower (Tex)				DECOMMISSIONED.
→ Cuddihy (Corpus Christi)	7.8 SW;crk S	39	50h L3 S6	80,91 oct.No bcn. (Tex.)
Dimmit Co.(Carrizo Spgs, (Tex)	2.8 E;hwy N	640	25 S1	Ltd 80 oct.P-line ends strips.
Eagle Pass (Tex)	10 N;RR N	878	59h	
Eagle Pass Mun. (Tex)	1.3 E;hwy N	774	29 S2	80 oct.ARPT OF ENTRY
Elsa (Tex)	1 SSE;RR N	70	21 S6	73 oct.Crop dusters.
Foster (Victoria, Tex)	6.5 NE;RR S	104	52h	
Fox (Raymondville,Tex)	1 WSW;RR S	40	26 S2	73,80 oct.Poles W,SE.
Freer (Tex)	3.8 NNW	375	28	Trees sur fld. Hwy E.
Harlingen, com. (Tex)	1.8 SSW	41	18 S1	73 oct. Hwy E.
Harlingen (Tex)	5 NW;RR SW	40	13	P-line S.
Harlingen, mun. (Tex)	3.5 NE;rd S	35	60h L5 S4	80,91 oct.Lgts prior req
Hunt (Portland, Tex)	2 WNW	35	16 S5	80 oct. RR ESE.
Indianola (Magnolia Beach)	2 SW;hwy N	17	34	PRIVATE. (Tex)
INTERNATIONAL Tower (Brownsville, Tex)	278 (126.18. 118.7)		C (ILS-W)	(4); 118.7,126.18,122.5 (8-24)
(P) [International] (Brownsville, Tex)	4.5 E;hwy N	22	59h L6 S6	73-100 oct. ARPT OF ENTRY.100 oct.Army
Kahler (Alamo, Tex)	4 NNE;RR W	90	20 S1	73 oct.Poles sur fld.
Kenedy (Tex)	1.4 ESE;RR N	270	19 S2	80 oct.
* Kingsville Int,11,JI-FV	3.5 S;RR W	58	26 L3	(Tex)
(N) " NAAS (North) (Tex)	3.5 ESE	47	61h	INACTIVE. Hwy NW.(N)
Kingsville (South) (Tex)	3.5 SE;hwy N	51	61h S4	80, 91 oct. Hwy W.
Lake Mathis (Mathis,Tex)	5 WSW;RR SE	161	20	
La Laja (Dolores,Tex)	1.5 NNE;riv SW	475	18	PRIVATE. 15-20' brush W, S.
LAREDO Range (Tex)	206(LL)(116.1)	137°,3.1	SBRAZ-DTV	(4); 116.1,122.1
[Laredo] (Tex)	3.5 NE;hwy NNE	512	66h L5 S5	80,91 oct.Lgts on req. ARPT OF ENTRY.
Los Fresnos (Tex)	0.8 SSE;RR W	35	24 S1	73,80 oct.P-line W.
McAllen (Tex)	1.6 SSW;hwy N	115	29 S6	73,80 oct. Poles E,NE
Magic Valley (Mission)	1.5 SSW;lk W	135	21 S6	73 oct,No sto.Poles E.
(A) Matagorda Island (Tex)(A)		7	40h	TMP INACT.NO FACS. 9 SSW Port O'Conner.
Matagorda-Peninsula (Matagorda, Tex)	6.5 E Port O'Conner	5	40h	
Mauldin (Brownsville,Tex)	4.4 NNW;RR W	22	35 S6	80,91 oct.Poles W.
Mid-Valley (Weslaco,Tex)	1.7 NE;RR W	70	25 S1	80 oct.P-line NW,SW.
(A) Moore (Mission, Tex)(A)	12 N;RR E	219	50h	CLOSED.
" #1 (Mission,Tex)	10 N Edinb'g	80	40h	
(A) " #3 (Mission,Tex)(A)	5 N LaGrulla	300	30h	CLOSED.
PALACIOS Range (Tex)	350 (UX)	118°,1.6	MLWZ	
Palacios (Tex)	2.7 WNW	13	50h S1	80 oct.
* Pawnee Int,22,JI-FV (Tex)	5 WNW;RR W	368	30 L3	
(P) Port Isabel (Tex)	10 NW	12	48h	
* Raymondville Int,5,JI-FV	3.5 NNE	34	29 L3	RR W. (Tex)
(P) Rockport (Tex)	4.3 N;bay W	22	45h	
RODD NAAS Tower (Tex)	(142.74)		CN	3105;142.74(during flgt
(N) Rodd NAAS (Corpus Christi, Tex) (N)	9.8 S;RR NE	20	51h L5 S4	91 oct.No sto. opers.)
Rooke (Refugio, Tex)	3.2 WSW;RR E	46	30 S1	73 oct.Cattle on fld.Twr
San Benito,2,JI-FV (Tex)	1.5 E;RR SW	31	26 L3 S6	73,80 oct. NW.
Shary (Mission, Tex)	1 NW;RR E	145	30 S4	73,80 oct.
Sinton (Tex)	1.3 E;RR NW	27	48 S6	80,91 oct.No sto.
Tanner Sea & Land Plane Base (Port Lavaca,Tex)	3 S;hwy S	12	22 S1	80 oct.Pwr line sur fld
Travland (Beeville,Tex)	2 NW;RR E	225	19 S2	80 oct.Poles E.
(N) Waldron NAAS (Corpus Christi, Tex) (N)	12 SSE;hwy NNE	25	50h	INACTIVE.
→ Weisman (Kingsville,Tex)	2.5 NNE;RR S			ABANDONED
Wormser (Lardeo, Tex)	4 SE;hwy W	440	26	
Worsham (Taft,Tex)	0.8 ENE	54	25 S6	80 oct. Hwy SW.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INTERNATIONAL	110.3	335	170°	IM-	MM- •—•—(0.66)	OM- ——(4.34)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. **(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on** and guards 116.1, 137.88, 140.58 **mcs. *Guarded only** when associated tower inoperative. h-hard surfaced runways. R-radio facilities. **L-lighting facilities. S-servicing (see page IV) →← NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.**


BIG SPRING 119 | SAN ANTONIO 123
SAN ANTONIO 123 | HOUSTON 125
EAGLE PASS
EAGLE PASS MUN.
CRYSTAL CITY
DIMMIT CO.
ASHERTON
CHUPADERA
KENEDY
ALOE AAF
PAWNEE
ALOE No. 10
FOSTER
ARCOLA
PALACIOS
TANNER
INDIANOLA
MATAGORDA PENINSULA
MATAGORDA IS
TRAVLAND
NAAS, CHASE
ROOKE
AUSTWELL
ROCKPORT
LAKE MATHIS
FREER
ALICE
D.A.
C.A.
OLF No. 25
NAAS KINGSVILLE (NORTH)
KINGSVILLE
KINGSVILLE
LAREDO
206
116.1 MC.
LAREDO
WORMSER
LA LAJA
ALICE
224
PALACIOS
350
CORPUS CHRISTI
382
116.1 MC.
PLEASANTON
SAN ANTONIO
254
RED 32
AMBER 4
TEX. MEX.
VARIATION 10°E TO 9°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
ALL FACILITIES IN SAN ANTONIO FLIGHT ADVISORY AREA
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
BROWNSVILLE
RAYMONDVILLE
FOX
MOORE No. 1
COMMERCIAL
ELSA
KAHLER
MID VALLEY
CENTRAL VALLEY
HARLINGEN MUN.
HARLINGEN
HARLINGEN COM
SAN BENITO
LOS FRESNOS
MERCEDES
MAULDIN
PORT ISABEL
MOORE No. 3
MOORE
MAGIC VALLEY
SHARY
McALLEN
BROWNSVILLE
388
116.1 MC.
INTERNATIONAL
278 KC. 118.7.
126.18 MC.
SCALE OF MILES
CORPUS CHRISTI
COMMUNITY
SINTON
WORSHAM
CORPUS CHRISTI
382
116.1 MC.
HUNT
GREGORY
CLIFF MAUS
278 KC. 118.3 MC.
CUDDIHY
NAAS. CABANISS
142.74 MC.
NAAS. RODD
142.74 MC.
NAAS WALDRON
OLF No. 10
OLF No. 11
OLF No. 41
NAS. CORPUS CHRISTI
248 KC. 142.74 MC.
NAS. CORPUS CHRISTI
287.0 KC. 142.74 MC.
(SEAPLANE)
NAS. CORPUS CHRISTI
248
SCALE OF MILES
STATUTE MILES
CORPUS CHRISTI 121

SAN ANTONIO

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	MLZ-DTV	(3); 116.1 (Tex)
AUSTIN Range (Robert Mueller) (Tex)	281(XN)(116.1)	117°,1.8	SBMRLZ-DTV	(3); 116.1, 122.1
Bandera (Tex)	3 SE;hwy NNE	1125	27 S6	80 oct. Trees E.
Belton (Tex)	1.6 WSW;hwy N	511	21 S1	73, 80 oct. No sto.
BERGSTROM Tower (Tex)	396 (126.18)+		CA	(4); 126.18
(A) Bergstrom (Austin,Tex)(A)	7 SE	494	70h L5 S6	73,100 oct.No sto.Poles NE,NW.
Blackland #1 (Waco, Tex)	11 WSW;RR S	575	55h	
(A) Bryan AAF (Tex) (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Burnet (Tex)	2 NE;RR W	1325	21 S1	80 oct.P-line SW.
Cameron Arpk (Tex)	1.7 N;RR W	402	29	Bldg NNE. Hwy W.
(A) Camp Hood Landing Field (Killeen, Tex) (A)	2 NE	920	36	CLOSED.
Coulter (Bryan, Tex)	4 NE;hwy NW	360	22 S6	80 oct. 5' fence SW.
Cuero (Tex)	3.1 N;RR SE	195	53	
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel
(P) Draughon-Miller (Temple, Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct. No flood lgts.Ctc lgts on req.
(P) Easterwood (College Station, Tex)	2.8 SW	320	52h S6	80 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Edgerton (Cuero, Tex)	2.9 E;hwy SW	185	1956	80 oct.
→ Edna (Tex)	1.5 ENE;RR NW	60	25 S1	73 oct.Cattle on fld.
Foster #4 (Victoria,Tex)	12.5 NNW	186	56h	
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Georgetown (Tex)	3.3 N;hwy E	789	41h L5 S4	80, 91 oct.
→ Groesbeck (Tex)	1.5 E;hwy S	477	21 S1	73 oct.
Haile (Austin, Tex)	4.1 NE;RR E	725	23 S6	80,91 oct.Poles ESE.
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	(Tex)
Hearne (Tex)	Adj E;RR E,NE	350	21 S1	80 oct. Data unver.
Hefner (El Campo, Tex)	1.5 WSW;RR SE	104	21 L S2	80 oct. Port rnwy lgts. P-line S,SE.
(A) Hondo AAF (Tex) (A)	2.1 NW;RR S	929	61h	CLOSED.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) → Kelly (San Antonio, Tex) (A)	6.8 SW;RR NE	675	75h L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR.STI
Killeen (Tex)	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
Lampasas Co.(Lampasas)	6 NW;RR S	1480	42 S2	80 oct. (Tex)
Llano Co. (Llano, Tex)	2.4 NNE	1029	40 S1	73 oct. Riv NE.
Louise (Tex)	1.6 E;RR W	120	24 S1	Ltd 80 oct.P-line N,S.
(P) Louis Schreiner (Kerrville, Tex)	3.9 SE;RR SW	1590	44h L5 S6	80 oct.
Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
Newland (Waco, Tex)	4.5 SSE	410	25 S6	80, 91 oct. RR NE.
Poteet (Tex)	0.6 SW;RR E	300	13 S2	73 oct.
RANDOLPH Army Range (San Antonio)(Tex)	359 (DRQ)	322°, 2.04	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio, Tex) (A)	15.8 ENE;RR NW	752	70h L5 S6	91,100 oct.No sto.
Riesel (Waco, Tex)	10.5 SE	371	51	
ROBERT MUELLER Tower (Austin) (Tex)	272 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
[Robert Mueller] (Austin, Tex)	3.5 NE;RR SW	620	46h L5 S6	80,91 oct. 100 oct for Army.
St. Edwards (Austin, Tex)	3.5 S	700	22	
SAN ANTONIO RANGE (Kelly) (Tex)	254(ZN)(116.1)	107°, 1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO Tower (Tex)	278 (118.5)		C (ILS)	(4); 118.5, 122.5, 126.18
→ [San Antonio Mun.-Alamo] (Tex)	7.8 N;RR SE	800	55h L6 S2	73,80 oct.
SAN MARCOS Army Range	266 (DMS)	170°,4.2	MRLZ	V(6-18 Mon-Fri)
SAN MARCOS AAF Tower	317		CA	(3); 266 (days only)
(A) San Marcos AAF (Tex)(A)	5 E;riv W	596	65h L5	
* San Marcos Int, 31B, JI-FV (Tex)	2 SE;hwy N	577	29 L3 S6	73,80 oct. P-line NE.
Schulenburg (Tex)	2.2 N;hwy W	344	20 S4	73 oct. P-line W.
Scott (Gatesville, Tex)	1.8 E;hwy N	780	25 S1	80 oct.P-line NW.
Stephens (Marlin, Tex)	2 ESE;RR N, SSW	318	19 S2	80 oct.Cattle on fld. Pole W.
Taylor (Tex)	2.2 WNW;RR S	520	24 S4	73 oct.
White (Brady, Tex)	10 W;RR N	1550	73	
→ Woodson (Temple, Tex)	2 NNW;hwy SW	763	28h S4	80 oct.
YOAKUM H Fac (Int.)(Tex)	236 (YK)	352°, 2.8	HW	
* Yoakum Int,7,JR-HU(Tex)	5 NW;hwy S	387	39 L3	

INSTRUMENT LANDING SYSTEMS (*Localizer and G.P. in mcs, Compass Locators in kcs*)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALAMO	109.9	333.8	30°	IM-	MM- •—•—• (0.68)	OM- — — (4.38)
					MMH-	OMH-230 — —••
				JM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul Range and Voice, W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116 1 and 111 1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. (Jones)-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

SAN ANTONIO 123

ABILENE 105 | FORT WORTH 107

(R): EXTREMELY HAZARDOUS (I): USABLE WITH CAUTION

NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

COMPULSORY REPORTING POINT

BIG SPRING 119 | CORPUS CHRISTI 121 | HOUSTON 125

FOR DETAILS IN THE SAN ANTONIO AREA SEE CHART 109

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: ←10°E TO 9°E→

STATUTE MILES 10 0 10 20 30 40 50

CURTIS
WHITE
LAMPASAS CO.
SCOTT
CAMP HOOD (D A)
KILLEEN
BELTON
BLACKLAND NO 1
WACO 385
NEWLAND
RIESEL
GROESBECK
FORT WORTH SAN ANTONIO
STEPHENS
DRAUGHON-MILLER
WOODSON
HAMMOND
BLUE 5
309
106
131
CAMERON
HEARNE
COULTER
NAVASOTA 212
BRYAN AAF
EASTERWOOD
MASON CO.
LLANO CO.
BURNET
GEORGETOWN
AMBER 4
TAYLOR
223
117
90
9
BIG SPRING 326
307
244
127
BLUE 30
AUSTIN 281 116.1 MC
HAILE
ROBT. MUELLER 272 KC 118.7 MC
ST EDWARDS
174
189
54
43
170
BERGSTROM AAF 396 KC 126.18 MC
297
RED 32
34
LOUIS SCHREINER
SPRING BRANCH 22
80
260
SAN MARCOS
SAN MARCOS AAF 317 KC
SAN MARCOS AAF 266
350
ALAMO 344 116.1 MC
RANDOLPH AAF 272 KC 126.18 MC
133
97
RICHMOND 391
SCHULENBURG
BANDERA
MEDINA
23
19
142
234
84
264
SAN ANTONIO (ALAMO) 278 KC 118.5 MC
SAN ANTONIO 254 116.1 MC
C A
RANDOLPH AAF 359
YOAKUM (W) 236
YOAKUM INT.
HONDO AAF
GARNER
KELLY AAF 219 KC 126.18 MC
322
154
354
314
135
13
RED 32
ALICE 224
POTEET
PLEASANTON
LAREDO
CUERO
EDGERTON
FOSTER NO 4
118
PALACIOS 350
EDNA
HEFNER
LOUISE

HOUSTON

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALEXANDRIA Range (La)	251 (DAI)	310°,5.7	SMRAWZ	
(P) [Alexandria] (La)	5.5 W;riv 2 N	88	70h L5 S1	80, 91 oct.
Angelina Co. (Lufkin, Tex)	7.5 SSW;RR W	288	42	Cattle on fld.
Bay City (Tex)	2 SSW;RR N	50	21 S6	80 oct. No sto. P-line E
BEAUMONT Range (Jefferson Co) (Tex)	268(JU)(116.1)	368°,3.7	BMRLZ-DTV	(4);116.1,122.1
Beaumont (Tex)	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior
Brazosport (Velasco, Tex)	1 N;hwy SW	6	24 S1	80 oct. Data unver. req.
Damon (Tex)	3 ESE;hwy WSW	60	22	4' fence sur fld.
De Quincy (La)	1.5 SW;RR NW	78	24	Cattle on fld. Trees N,E.
(P) De Ridder (La)	3.5 WSW;RR S	203	45h	
(A) Ellington (Houston, Tex) (A)	15 SE;RR W	39	52h L5 S1	100 oct.
(A) Erwin-Newman (Houston, Tex)	5 SSW;hwy N	50	28 S6	80 oct.
Eunice (La)	1.7 W;hwy N	45	35 S2	80 oct.
GALVESTON Range (Tex)	263(GS)(116.1)	125°,4.2	SBMRLZ-DTV	(4);116.1
[Galveston] (Tex)	3.5 WSW;gulf S	7	60h S6	80,91 oct.
Gulf Coast (Texas City, Tex)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct. No sto. P-line
HITCHCOCK Tower (Tex)	3295		CN	3105,6390 (days) N.
(N) Hitchcock NAF (LTA) (N)	2.3 SW;RR ENE	20	20h	(Tex)
HOUSTON Range (Tex)	322(HU)(116.1)	309°,2.2	SBRAZ-DTV	(3); 116.1
HOUSTON Tower (Tex)	(278)(126.18,118.5)		AC (ILS)	(4);118.5,126.18,122.5
(N) [Houston] (Tex)	9 SSE;hwy W	50	47h L6 S6	73,80,91 oct. 100 oct. for Army. NATS.
Humphrey (Goose Creek)	4 NNE;RR E	34	24	P-line NW,W. (Tex)
Jackson (Cypress, Tex)	4 SE;hwy S	145	25 S6	80 oct.
(P) Jefferson Co. (Beaumont, Tex)	9.8 SSE;hwy NE	15	51h L5	
Jennings (La)	1.4 NNW;RR SW	20	32 S2	80,91 oct. P-line E.
LAKE CHARLES MUN Range	242(LC)(116.1)	340°,2.5	SBRAZ-DTV	(4);116.1,122.1
LAKE CHARLES Tower (La)				DECOMMISSIONED
(A) [Lake Charles Mun.] (La)	4 ESE;RR NE	17	63h L5 S6	80,91 oct.;73,100 oct, JP-1 for Army.
Lake Charles (La)	5.2 SSW;hwy N	17	26 S6	80 oct. P-line N. Rnwy data unver.
Lake Jackson (Freeport)	9.5 NW;hwy E			ABANDONED
Lamar (Beaumont, Tex)	4 SE;riv NE	17	22 S4	80 oct. No sto. P-line N,S.
(A) Leesville Land Strip (La)	2 NW		10	L-type acft. (A)
(P) Le Gros Memorial (Crowley, La)	6.5 WSW;RR N	16	43h L5	Ctc lgts prior req.
Lufkin (Tex)	2 NW;hwy N	315	31 L1 S6	73,80 oct.
Madisonville Emerg. (Tex)	0.8 NW;hwy E	400	18	
Main Street (Houston, Tex)	6.5 SSW;hwy SE	50	22 S6	80 oct.
McArthur (Alexandria, La)	2.8 W;hwy E,N	86	12 S1	Ltd 80 oct. Trees N,S.
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct. (Tex)
(P) Montgomery Co. Arpk. (Conroe, Tex)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct. No flood lgts. Rnwy lgts prior
NAVASOTA Range (Int.) (Tex)	212 (NT)	180°,1.4	MRLW	req.
* Navasota Int,10,GS-WC (Tex)	2.5 ENE; RR NNW	331	30 L3	
(A) No. Camp Polk Land Strip	6 NE	340	14h	(Camp Polk, La) (A)
No. Lake Charles (Lake Charles, La)	10 N;hwy NW	17	50	
Oakdale (La)	3 W;hwy N	123	27	Trees WSW,ENE.
Old Ocean (Tex)	1 ENE;hwy N	60	35 S1	80 oct. Cattle on fld.
Orange (Tex)	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur, Tex)	4 NW;RR NE	6	34 S6	80 oct.
(A) Pollock AAF (La) (A)	4.5 SW	211	45h	CLOSED.
(A) Preston (Houston, Tex) (A)	2.5 WNW of La Porte	34	40	CLOSED.
RICHMOND Range (Tex)	391 (UT)		MRLW	
Richter (Kirbyville, Tex)	1.5 S;RR E	175	16	
Sam Houston (Houston, Tex)	10.5 SW;RR S	60	30 S6	73, 80 oct.
Sam Houston State College (Huntsville, Tex)	2.5 NW;RR E	401	24 S2	80 oct.
(A) So. Camp Polk Landing Strip (Camp Polk, La) (A)	Adj E	300	21h	
Sky Harbor (Anahuac, Tex)	0.3 S;hwy N	24	22 S1	80 oct.
Skyport (Houston, Tex)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston, Tex)	6 ENE;RR N	60	30 S4	80 oct.
Tri-Cities (Goose Creek, Tex)	2.6 N;RR E	25	24 S2	80 oct. P-line SE.
(P) Wharton (Tex)	1.8 ENE;RR N	100	45 S2	80 oct.

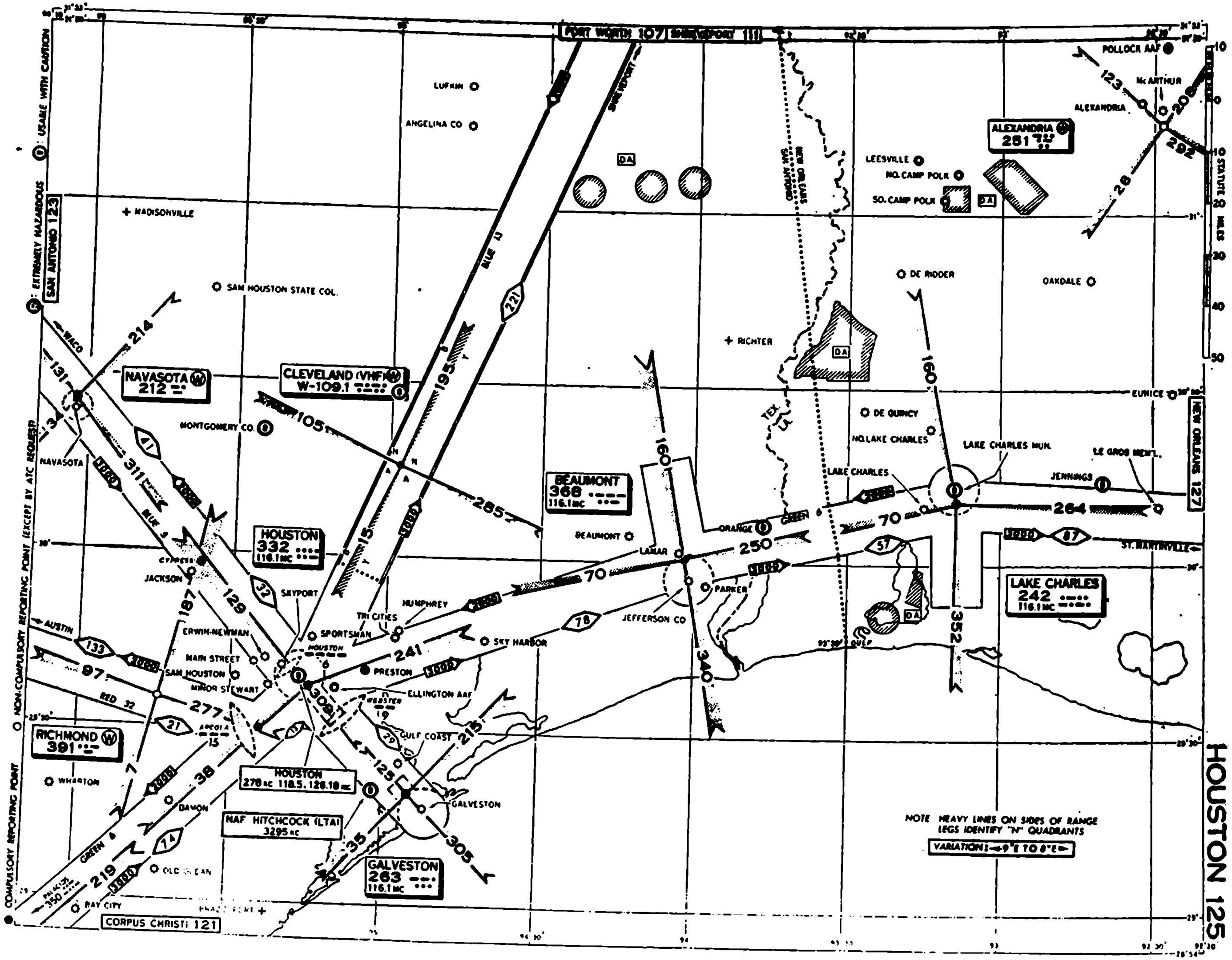
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
HOUSTON	109.9		35°	IM-	MM- •-•-• (0.66)	OM- — — (4.78)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

CLEVELAND Range (Tex)	109.1(CL)		VARW

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


FORT WORTH 107
SHREVEPORT 111
POLLOCK AAF
McARTHUR
ALEXANDRIA
ALEXANDRIA 251
LEESVILLE
NO. CAMP POLK
SO. CAMP POLK
LUFKIN
ANGELINA CO
MADISONVILLE
SAM HOUSTON STATE COL.
DE RIDDER
OAKDALE
RICHTER
EUNICE
DE QUINCY
NO. LAKE CHARLES
LAKE CHARLES MUN.
LE GROS MEM'L.
LAKE CHARLES
JENNINGS
NAVASOTA 212
CLEVELAND (VHF/W) W-109.1
MONTGOMERY CO.
NAVASOTA
BEAUMONT 368
116.1 MC
BEAUMONT
ORANGE
LAMAR
PARKER
JEFFERSON CO
HOUSTON 332
116.1 MC
JACKSON
SKYPORT
TRI CITIES
HUMPHREY
ERWIN-NEWMAN
SPORTSMAN
SKY HARBOR
MAIN STREET
SAM HOUSTON
MINOR STEWART
PRESTON
ELLINGTON AAF
WEBSTER
GULF COAST
LAKE CHARLES 242
116.1 MC
RICHMOND 391
WHARTON
HOUSTON 278 MC 118.5, 126.1 MC
NAF HITCHCOCK (LTA) 3295 MC
DAMON
GALVESTON
GALVESTON 263
116.1 MC
OLD OCEAN
BAY CITY
CORPUS CHRISTI 121
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 9°E TO 8°E
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
SAN ANTONIO 123
HOUSTON 125
NEW ORLEANS 127
STATUTE MILES

NEW ORLEANS

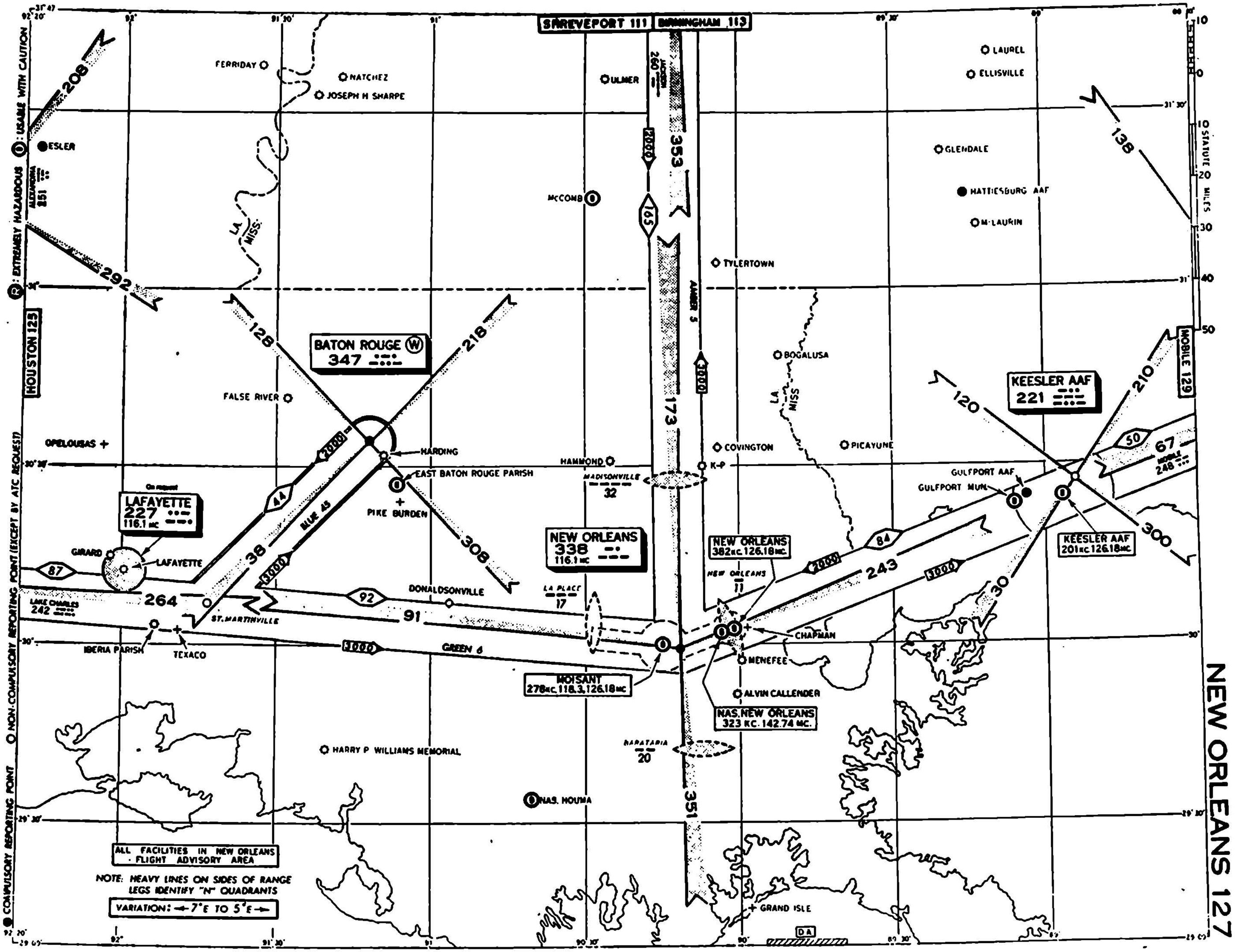
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(N) Alvin Callender (New Orleans, La)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
BATON ROUGE Range (La) (Harding)	347 (RX)	128°,3.4	MRLWZ	
Bogalusa (La)	2.4 N;RR E	100	35 S6	73, 80 oct.No sto. Poles S.
Chapman (New Orleans, La)	8.5 NE;lake N	4	22	15' trees NW. Cattle on fld.
★ Covington Int,3,NO-LS (La)	6 NNE;hwy W	77	27 L3	Pole line W.
★ Donaldsonville Int, 26, HU-NO (La)	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge, La)	4 E;hwy N,E	56	31 S4	80,91 oct.P-line S.
Ellisville (Miss)	1.3 SW;RR SE	240	18	
(A) Esler (Alexandria, La) (A)	11 NE;Bayou S	92	45h	CLOSED
→ False River (New Roads, La)	1.6 WSW;lake S	30	30 S1	80 oct.
→ Ferriday (La)	1.5 N;RR,hwy E	55	17	
Girard (Lafayette, La)	2.5 NW;hwy E	39	26 S6	80,87 oct.Obsts sur fld
Glendale (Hattiesburg, Miss)	5 NNW;hwy E	200	26 S3	80 oct.
Grand Isle (La)	2.6 NE;hwy NW	4	22	
(A) Gulfport AAF (A) (Miss)	3.4 NE	27	70h	CLOSED.
Gulfport, mun. (Miss)	1.3 N;RR E	30	22 L1 S1	80 oct. Twrs SE,NNE, lighted.
(P) Hammond	2 ENE;RR S	40	50h	
(P) [Harding] (Baton Rouge, La)	5.8 NNE	70	60h L5 S2	80,91,100 oct.
(P) Harry P. Williams Memorial (Patterson, La)	2 WNW;bet RR & hwy	9	32 L2 S2	73 oct.No bcn.Lgts prior req.P-line NW.
(A) Hattiesburg AAF (Miss) (A)	5 SSE;RR SW, NE	145	43h	Poles W,NW. CLOSED
(N) Houma NAS (LTA)(La)(N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia, La)	5 NW;RR NE	27	40h L5 S6	73-91 oct.
Joseph H. Sharpe (Natchez, Miss)	1.8 ESE;RR S	135	25 S2	73 oct.
KEESLER Army Range (Miss)	221 (DOX)	210°,2.9	MRLZ	(4); 4220
KEESLER Tower (Miss)	201 (126.18)		CA	(4); 4220
(A) Keesler (Biloxi,Miss)(A)	2 WNW;bay N	26	66h L5 S5	100 oct.Rdo rqrd ngts.
K-P (Covington, La)	1.6 NW;hwy adj	27	18 S2	80 oct.P-line E.
→ LAFAYETTE H Fac. (La)	227(UG)(116.1)		MHTV	(4);116.1,122.1
Lafayette (La)	1.5 SE;RR W	40	50h L5 S5	80,91 oct. P-line S.
Laurel (Miss)	3 W;RR SE	235	50h L S4	80,91 oct. Port rnwy lgts.
McComb (Miss)	1.3 NW;hwy E	460	27 L3 S6	80, 91 oct. No bcn. Lgts prior request. Obsts sur field.
McLaurin (Miss)	1 NNE;RR W	350	24 S4	73 oct.Lgt acft only.
Menefee (New Orleans,La)	5.2 E;riv S	1	31	P-line S.
MOISANT Tower (La)	278 (118.3, 126.18)		C (ILS-W)	(4); 122.5,118.3,126.18
(N) [Moisant International] (New Orleans, La)	11 W;riv S	3	70h L6 S1	80,91,100 oct. Avail. only to Army, Navy, and Airlines. NATS.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
NEW ORLEANS Range (La) (Moisant)	338(NO)(116.1)	271°,3.2	SBRAZ-DTV	(3); 116.1
NEW ORLEANS Tower (La)	382 (126.18)		CA	(4); 126.18
(NG) New Orleans (La)	6.5 NNE;RR S	8	40h L5 S4	91,100 oct.; 80-100 oct, 1-ech main NG..
NEW ORLEANS NAS Tower	323 (142.74)		CN	(3); 142.74 (8-sunset)
(N) New Orleans NAS (La)(N)	4.6 N; on lake	7	34h S1	100 oct. Twr NE.
(P) Opelousas (La)	1.5 NE	35	18	Data unver.
Picayune (Miss)	2.3 NNE	92	30 S4	73 oct.No sto.Trees N, SW.
Pike Burden (Baton Rouge, La)	5 SE	35	50 S1	80 oct. Data unver.
Texaco (New Iberia,La)	2.6 N;hwy W	21	18	Poles W,WSW.Cattle on fld.
★ Tylertown Int,7,NO-LS (Miss)	6 SE;rd E	393	40 L3	
Ulmer (Brookhaven,Miss)	1.5 NNE;RR W	500	20 S4	73 oct.No sto.P-line W.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MOISANT	109.9	333.8	100°	IM- ·····(0.05)	MM-	OM- ——(3.92)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page iv)
→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



NEW ORLEANS 127

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(A) Alliance #4 (Marianna,Fla)(A)	14 SE	215	50h	CLOSED.
Andalusia (Ala)	1.7 SSE;RR N	340	18 S1	80 oct.
(A) Apalachicola AAF (Fla)(A)	2 W;RR N	19	53h	CLOSED.
★ Atmore Int,16,NO-AG (Ala)	6 NW;at rd int.	287	31 L3	
(N) Bagdad OLF (Pensacola,Fla)(N)	14 NE;RR SE	111	18h	Use rnwys.
→BARIN NAAS (EAST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-East (Foley,Ala)	2.7 ESE	51	41h	INACTIVE. (N)
→BARIN NAAS (WEST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-West(Foley,Ala)	2.7 ESE	72	34h	INACTIVE. (N)
(A) Bascom (Marianna,Fla)(A)	15.5 NE	120	50h	CLOSED.
[Bates] (Mobile, Ala)	10 W;rd N,S	218	50h L5 S6	80,91 oct. No flood lgts; ctc lgts on req.
(P) Brewton (new)(Ala)	3.5 S;riv N	92	40h	
→ Brewton (old)(Ala)	2.5 N;hwy E			ABANDONED
(N) Bronson NAAS (Pensacola,Fla)	12 WSW;bay W	27	44h	INACTIVE. (N)
BROOKLEY Tower (Mobile,Ala)	281 (126.18)+		CA	(4); 126.18
(A) Brookley (Mobile,Ala) (A)	3 SSW;RR NW	26	89h L5 S4	62,73,91,100 oct JP-1.
(N) Canal OLF (Foley,Ala)(N)	8 S;rd W	16	36h	
(A) Carabelle Figt Strip (Fla)(A)	2.6 W;hwy S	20	40h	CLOSED.
→ Chastain's (Prichard, Ala)	2.5 NW;RR E	50	26 S6	80 oct.
Chipley (Fla)	1.5 SE;hwy N	100	24 S1	80 oct. Trees around fld.
(N) Choctaw OLF (Pensacola,Fla)	15 ENE	111	40h	(N)
City Air Park (Panama City)	2.5 N	40	26 S6	80,91 oct. Data unver. (Fla
CRESTVIEW Range (Fla)	350(HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4); 116.1
Crestview, 21, NO-JX (Fla)	2.5 N;RR E	274	33 L2 S6	80 oct. No sto.
Davis (Mobile, Ala)	12.1 WSW;RR E	180	23 S1	73 oct.
De Funiak Springs (Fla)	1 W;RR N	197	25 S1	80 oct. Pwr line N.
Donalsonville (Ga)	1 S	150	40h	
DOTHAN Range (Ala)	233(NT)(116.1)	47°, 3.7	SBRAZ-DTV	(4); 116.1
[Dothan] (Ala)	3 WNW;hwy SE	330	40h L5 S6	80,91 oct. No sto. No flood lgts.
EGLIN Army Range (Fla)	209 (DVQ)	175°, 3.6	MRLPZ	Range cont.; (3); 126.18 (6-24)
EGLIN Tower (Fla)	278 (126.18)+		CA	(3); 126.18 (6-24)
(A) Eglin (Valpariso,Fla)(A)	1.8 SW;hwy SE	71	60h (L5) S4	73,100 oct. JP-1. No sto.
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
Ellis (Marianna, Fla)	9.5 N;riv W	116	50h	
(N) Ellyson NAAS (Pensacola,Fla)	7.5 NNE;bay E	115	38h	INACTIVE. (N)
Enterprise (Ala)	0.5 NE	355	22	
(N) Faircloth OLF (Lillian,Ala)(N)	3 NW;bay E	70	37	
Geneva (Ala)	2.4 NW;hwy S	88	23 S4	80 oct. RR S.
Gulf Airpark (Pensacola,Fla)	3 NW		17	Data unver.
Headland (Ala)	2 NE;hwy N	350	48	
(N) Helm OLF (Pensacola,Fla)(N)	12 NW			ABANDONED.
(N) Holley OLF (Fla) (N)	1.5 S;riv N	37	36h	
Jackson Co. (Pascagoula,Miss)	3.5 ENE;RR N	16	45h L5 S6	80,91 oct.
(N) Kaisers Tract OLF (Elberta, Ala) (N)	3.3 ENE;hwy S	90	25	
Luverne (Ala)	1.7 NNW;RR E	300	20 S1	73 oct. P-line W.
(N) Magnolia OLF (Foley,Ala)(N)	5.4 NW	83	29h	
(A) Malone #2 (Marianna,Fla)(A)	15.5 N	154	50h	CLOSED.
(P) Marianna (Fla)	6 NE;hwy E	112	50h L5 S4	80 oct. Fld lgts prior req.
(P) Middleton (Evergreen,Ala)	6 WSW;hwy N	258	40h L5	Fld lgts prior req.
(P) Milton "T" (Fla)	3.5 ENE;RR S	150	53 S3	80 oct.
MOBILE Range (Ala)(Brookley)	248(MS)(116.1)	138°, 3.2	SBRAZ-DTV	(4); 116.1
(A) Napier (Dothan, Ala) (A)	7.5 NW;RR S	397	45h	CLOSED.
(A) Ozark AAF (Ala) (A)	12 SSW	305	46h	TMP INACT.NO FACS.
Panama City (Fla)	5 NW;bay N,S,W	5	19 S6	80 oct.
PENSACOLA Range (Fla)	326(KH)(116.1)	340°, 2.1	SBRAZ-DTV	(4); 116.1
(P) [Pensacola] (Fla)	4 NNE;bay E	121	50h L5 S6	80,91 oct.
Pensacola Arpk (Fla)	5 NNW;hwy E		28 S1	80 oct. Allway fld. Data un-
PENSACOLA NAS-CHEVALIER Tower (Fla)	382 (142.74)		CN	ver. (4); 142.74 (sunrise-30 min. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower (Fla)	2870 (142.74)		CN	3105;142.74 (730-1630 except Sat,Sun,and holidays)
(N) Pensacola NAS-Chevalier(Fla)	5.3 SW;RR W	9	26h L S6	91 oct. Flood,obst lgts. (N)
PENSACOLA NAS-CORRY Tower	341 (142.74)		CN	3105; 142.74
(N) Pensacola NAS-Corry (Fla)(N)	5 WSW;hwy SE	32	43h L4 S6	91 oct. Obsts N,E,W.
(N)→" OLF #1 (N) (Fla)	14 NW;riv 3W	100	46	ABANDONED.
(N)→" OLF #5 (N)	10 NNW;RR W	115	57	ABANDONED.
(N)→" OLF #6 (N)	10 NNW;RR E	110	48	ABANDONED.
(N)→" OLF #7 (N)	7 NW	103	37	ABANDONED.
(N) " OLF #8A (N)	13 NW	100	73	
(N)→" OLF #9K (N)	11.5 NNW;RR E	110	60	ABANDONED.
(A) Reynoldsville (Ga) (A)	1.7 SSW	110	30h	CLOSED.
(N) Santa Rosa OLF (Milton,Fla)	6 E;rivs N,S,W	150	45h	(N)
SAUFLEY NAAS Tower (Fla)	275 (142.74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola,Fla)	8.5 WNW;bay SW	85	61h L5 S4	87,91 oct. NATS. (N)
(N) Silverhill OLF (Ala) (N)	3.5 WNW	129	30h	
Skyland (Panama City,Fla)	Within city W	12	20 S6	80 oct. No sto. P-line S.
Southern Airmotive (Dothan)	2 SE;RR W	322	27 S4	80 oct. Twr NW. (Ala)
(N) Spencer OLF (Pensacola,Fla)	15 NNE;bay S	145	18h	(N)
(N) Summerdale OLF (Ala) (N)	3.5 ENE;RR W			ABANDONED.
TYNDALL Army Range (Fla)	203 (DKE)	313°, 2.8	MRLZ	(3); 126.18 (V, 6-24)
TYNDALL Tower (Fla)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City,Fla)(A)	8 SE;Gulf SW	16	61h L5 S6	73,91,100 oct.
WHITING Navy Range (Fla)	524 (AWT)	130°, 3.2	MRLWZ	
WHITING NAS-NORTH Tower	269 (142.74)		CN	3105,4495; 142.74 (Fla)
(N) Whiting NAS-North (Milton,Fla)	6 N	200	60h (L6) S4	73,91,100 oct. (N)
WHITING NAS-SOUTH Tower				DECOMMISSIONED
(N) Whiting NAS-South (Milton,Fla)	5 N	178	60h	Use N Fld. INACTIVE. (N)
(N) Wolf OLF (Josephine,Ala)(N)	1.5 N;bay E	54	30h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

BATES Tower(Ala)	317		C	(4) (8-24)

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.53 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page iv)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop U.S. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

BIRMINGHAM 113 | ATLANTA 115

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

● COMPULSORY REPORTING POINT O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

NEW ORLEANS 127 | JACKSONVILLE 131

STATUTE MILES

MOBILE 248 116.1 MC.

NAS. WHITING (W) 524

NAS. WHITING (NO.) 269 KC. 142.74 MC.

CRESTVIEW 350 116.1 MC.

DOTHAN 233 116.1 MC.

PENSACOLA 326 116.1 MC.

EGLIN AAF 209

EGLIN AAF 278 KC. 126.18 MC.

TYNDALL AAF 272 KC. 126.18 MC.

TYNDALL AAF 203 (R)

BROOKLEY AAF 281 KC. 126.18 MC.

BATES 317 KC

NAAS. SAUFLEY 275 KC. 142.74 MC.

NAS. PENSACOLA – CORRY 341 KC. 142.74 MC.

NAS. PENSACOLA – CHEVALIER 382 KC. 142.74 MC.

(SEAPLANE) 2870 KC. 142.74 MC.

MIDDLETON · GOODWAY · BREWTON (OLD) · BREWTON (NEW) · ATMORE · CANOE 25 · MOLINO 21 · CHASTAIN'S · DAVIS · JACKSON CO · NAAS. BARIN (WEST) · NAAS. BARIN (EAST) · NAAS. BRONSON · PENSACOLA ARPK. · NAAS. ELLYSON · PENSACOLA · LIVE OAK · MILTON · HOLT · CRESTVIEW · NAS. WHITING (SO.) · DE FUNIAK SPRINGS · CHIPLEY · ALLIANCE NO 4 · LUVERNE · TO MAXWELL · MAXWELL AAF 362 · NEW ORLEANS · ATLANTA JACKSONVILLE 86°20' 31°20' · ANDALUSIA · ENTERPRISE · OZARK AAF · HEADLAND · NAPIER AAF · SOUTHERN AIRMOTIVE · GENEVA · ALA. FLA. · MALONE NO. 2 · DONALSONVILLE · BASCOM · ELLIS · MARIANNA · REYNOLDSVILLE · PANAMA CITY · CITY · SKYLAND · CARRABELLE · APALACHICOLA AAF · ALA. GA. · MISS. ALA. · GONZALEZ · 10 KEESLER · BLUE 3 · RED 30 · GREEN 6

OLF'S TO NAAS. BARIN
+10 CANAL
+11 MAGNOLIA
+12 SILVERHILL

OLF'S TO NAAS. BRONSON
+13 KAISER
+14 WOLF
+15 FAIRCLOTH

OLF'S TO NAAS. ELLYSON
+16 BAGDAD
+17 SPENCER

OLF'S TO NAS. WHITING
+18 HOLLEY
+19 SANTA ROSA
+20 CHOCTAW

VARIATION: ←5°E TO 3°E→

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

MOBILE 129

JACKSONVILLE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALBANY Range (Ga) (Turner Aux. Field No. 1)	254(GY)(116.1)	298°,2.3	BMRLZ-DTV	(4); 116.1 (DTV stn ltd at Albany Arpt).
Albany (Ga)	4 SW;RR N	196	49h L5 S6	80,91 oct.
ALMA Range (Ga)	242 (AJ)(116.1)	144°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
Alma, Site 43,MM-AG (Ga)	2.5 W;hwy N	200	43 L3	
→ Ashburn (Ga)	1.5 SE;RR,hwy W	430	18 S1	80 oct,
(A) Babcock (Boykin,Ga) (A)	3.5 ENE	145	30h	CLOSED.
Bainbridge (Ga)	7 NNW;RR NE	141	50h S6	80, 91 oct,
Barberville (Fla)	1 SE;bet RR & rd	25	25	P-line E, UNUSABLE,
(A) Bemiss #3 (Valdosta,Ga)(A)	12 NE;hwy SE	198	50	TMP INACT.NO FACS.
(N) Bostwick OLF (Fla) (N)	1 NW;RR E	53	34	
Bowser (Baxley, Ga)	2.5 S;hwy W;RR N	205	21 S1	80 oct,
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct,Trees W.Poles SW
(N) Branan OLF (Jacksonville,Fla)	14.5 SW	73	40h L	B-2 lgts. (N)
BRUNSWICK H Fac. (Ga)	230(BS)(116.1)		MHTV	(4); 116.1
Brunswick (Ga)	2.5 NNE;hwy E	14	26 S1	80,91 oct, Data unver.
Bunnell (Fla)	3.3 E	34	50h	
Camilla (Ga)	1.4 NW.	180	21 S1	80 oct; Data unver.
CECIL NAAS Tower (Fla)	201 (142.74)		CN	3105;142.74 (Flying hrs)
(N) Cecil NAAS (Jacksonville,Fla)	16 WSW;hwy NW	80	50h L5 S4	100 oct. Trees sur fld. (N
→ Civil Air Patrol (Waycross,Ga)	2.6 WSW;RR SE	140	21 S1	80 oct, Obsts sur fld.
Commodore Decatur (Bainbridge, Ga)	2 W;riv W	108	40h S1	80 oct,
Cook County (Adel, Ga)	1.3 W;hwy NE	220	40h L3 S6	80, 91 oct. *
Craig (Jacksonville, Fla)	9 E;riv N	41	40h L5 S6	80,91 oct. No sto.
CROSS CITY AAF Range (Fla)	269(FC)(116.1)	315°,2.7	SBMRAZ-DTV	(4); 116.1
(A) Cross City AAF (Fla) (A)	1 SE; RR SW	42	50h L5	CLOSED.
DALE MABRY Tower (Fla)	281 (118.3,126.18)		C	(4); 126.18,118.3,122.5
(P) [Dale Mabry](Tallahassee,Fla)	3 W; RR S	70	52h L5 S4	80, 91 oct.
Darien (Ga)	0.8 SE;riv S	30	13 S1	Ltd 80 oct. Trees W.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
Daytona Beach (Fla)	2.8 SW;hwy S	34	41h L5 S6	80,91 oct. Ctc & rnwy lgts on req.
Faceville (Ga)	3.5 S	285	30h	
(P) Fernandina (Fla)	4 S;ocean E	16	50h	
Fitzgerald (Ga)	2 SSW;RR W,E	365	24	
(N) Flemings Island OLF (N)	17.5 SSW	23	40h L	B-2 lgts.(Jacksony'l,Fla)
Folkston Int,37,MM-AG (Ga)	0.7 WNW;hwy E	82	20 L3 S1	80 oct. on req.
GLYNCO NAF Range (Ga)	520 (NEA)	239°,0.3	MRLZ	3105.6390(V- 0730-16)
GLYNCO NAF Tower (Ga)	317 (142.74)		CN	3105,4495;142.74(0730-16)
(N) Glynco NAF (LTA)(Ga)(N)	6.4 N Brunswick	25	35h L5 S4	91,100 oct, Hwy SE.
(A) Harris Neck AAF (Ga)(A)	7 E S.Newport	22	54h	CLOSED.
Hart (Jacksonville, Fla)	6.5 W;RR N	20	40 S6	80,91 oct,Trees sur fld.
Hawthorne (Fla)	1.2 SSE;RR W	120	24 S1	Ltd 80 oct.Trees S,W,NE.
Herlong (Jacksonville, Fla)	10.5 WSW	87	40h S4	80,91 oct, No sto.
Homerville Flight Strip (Ga)	2.5 NW;hwy NE	185	40h	
JACKSONVILLE Range (Fla)	344 (JX)(116.1)	269°,1.7	SBRAZ-DTV	(3); 116.1, 122.1
JACKSONVILLE Tower (Fla)	278 (126.18,118.5)		AC (ILS)	(4);122.5,126.18,118.5
(P) Jacksonville (Fla)	6.3 N;RR W	52	70h L6 S4	80,91 oct,
JACKSONVILLE NAS Range (Fla)	365 (NIP)	89°,3.1	MRLZ	
JACKSONVILLE NAS Tower (Fla)	323 (126.18,142.74)		CN	(3); 126.18, 142.74
JACKSONVILLE NAS (Seaplane Tower) (Fla)	2870		CN	2870,3105 (avail.during working hrs. and on 1 hr's advance notice).
(N) Jacksonville NAS (Fla) (N)	7.2 S;riv E,N	20	60h L5 S6	91, 100 oct. NATS.
Jasper, 43, NO-JX (Fla)	3.5 SSE;RR NE	148	36 L3	Poles W. P-line NE.
John R. Alison (Gainesville, Fla)	4.5 NE;RR W	155	50h L5 S2	80,91 oct.Lgts prior req.
(P) Kay Larkin (Palatka, Fla)	3 WNW;RR N	56	50h L5 S1	91 oct.
(A) Keystone (Keystone Heights, Fla) (A)	4.5 NNW;RR W	192	50h	CLOSED.
(N) Lake Butler OLF (Fla) (N)	2 SSW;RR NW	131	60h L	
Lake City (Fla)	3.7 ESE;RR S	201	60h	
Lake Jackson (Tallahassee, Fla)	9 NNW;riv NW	250	30 S4	80 oct. No sto.
(A) Lake Park #2 (Valdosta,Ga)(A)	12.5 SSE;hwy N	220	45	TMP INACT.NO FACS.
LEE OLF GCA (Fla)			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Springs, Fla) (N)	2.2 SE; riv N	22	51h	
Live Oak (Fla)	1 W;RR W	105	26 S1	80 oct.P-line N,NE,SW.
MAYPORT CGAS (Fla)				DECOMMISSIONED.
(CG) Mayport CGAS (Fla) (CG)	0.6 NNE;riv N	19	43h	INACTIVE.
(N) Middleburg OLF (Fla) (N)	3 NNE;rds E,SE	34	32	
(A) Montbrook AAF (Williston,Fla)	3.2 SSW;hwy E	70	70h	CLOSED. (A)
Monticello (Fla)	1.5 SW;hwy E	160	25	
(A) Moody (Valdosta,Ga) (A)	11.5 NNE;RR W	233	50h	TMP INACT.NO FACS.
(A) Moultrie (Ga) (A)	7 S;hwy NW	287	40h	CLOSED.
Nashville (Ga)	1.3 ENE;RR S	236	16 S6	80 oct.
Northside (Moultrie, Ga)	3.2 NNW;RR W	300	30 S4	80 oct. No sto.
Perry (Fla)	2 S;RR E	45	50h S2	80, 91 oct.
Pierson Memorial (Fla)	0.5 N;hwy,RR W	70	21	
Quincy (Fla)	1.5 NE;RR S	212	35 S1	80 oct.
(A) Rocky Ford #1 (Valdosta,Ga)	16 SW;hwy N	220	50h	CLOSED. (A)
St. Augustine (Fla)	4 NNW;hwy W	10	42h S1	80, 91 oct.
St. Marys (Ga)	1.7 NNW;hwy S	24	50h	
ST. SIMONS ISLAND NAS Tower (Ga)	281 (140.58, 142.74)		CN	(3);142.74,140.58 (630-24)
(N) St. Simons Island NAS (Ga)(N)	6 E Brunswick	19	41h L5 S4	100 oct.No sto.Lgts on req Trees NE,SW.
Sawyer (Palatka, Fla)	2.6 S;RR SE	60	25	Trees N,E,S.
(P) South Georgia College (Douglas, Ga)	1.3 S;RR W	225	60	
Spence (Moultrie, Ga)	5 SE;hwy W	292	50h S6	80, 91 oct.
Stengel (Gainesville, Fla)	4 WSW;RR SE	70	38 S6	80 oct. Trees sur fld.
(N) Switzerland OLF (Fla) (N)	1.5 SE	31	40h	
TALLAHASSEE Rng(Dale Mabry)	335 (TJ)(116.1)	85°,2.7	SBRAZ-DTV	(3); 116.1, 122.1 (Fla)
(P) Taylor (Ocala, Fla)	1 SW;RR NE	72	40h L3 S6	80,91 oct.Lgts and agt repairs prior req.
Tennile (Fla)	2.2 SSW;rd E	35	20	Trees SW.
(A) Thomasville AAF (Ga) (A)	8.5 ENE;hwy S	264	50h	CLOSED.
Thomasville com. (Ga)	1 SW;RR N	250	42 S4	80 oct, Trees sur fld.
Three "B" (Fitzgerald,Ga)	1.5 N	515	27 S1	80 oct.
Tifton Mun. (Ga)	2.3 SE;hwy W	343	50h L5 S4	80,91 oct. Lgts prior req
Tomoka (Daytona Beach,Fla)	7.8 NW	29	40h	
(A) Turner (Albany, Ga) (A)	3.8 ENE;riv N	215	76h	TMP INACT.NO FACS.
(A) Turner #1 (Albany, Ga)(A)	15 NE	285	45	CLOSED.
(A) Vada (Ga) (A)	3 NE	140	30h	CLOSED.
Valdosta (Ga)	2.5 S;hwy E	215	56h S1	80 oct.
(A) Waycross AAF (Ga) (A)	4 NW;hwy E	141	50h	CLOSED.
(N) Whitehouse OLF (Jacksonville, Fla) (N)	13 W; RR S	102	40h L	B-2 lgts.
Williams (Jacksonville, Fla)	3.3 WNW;RR E	25	31 S6	80 oct.No sto.P-line E, Data unver.
Witt (Lake City, Fla)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

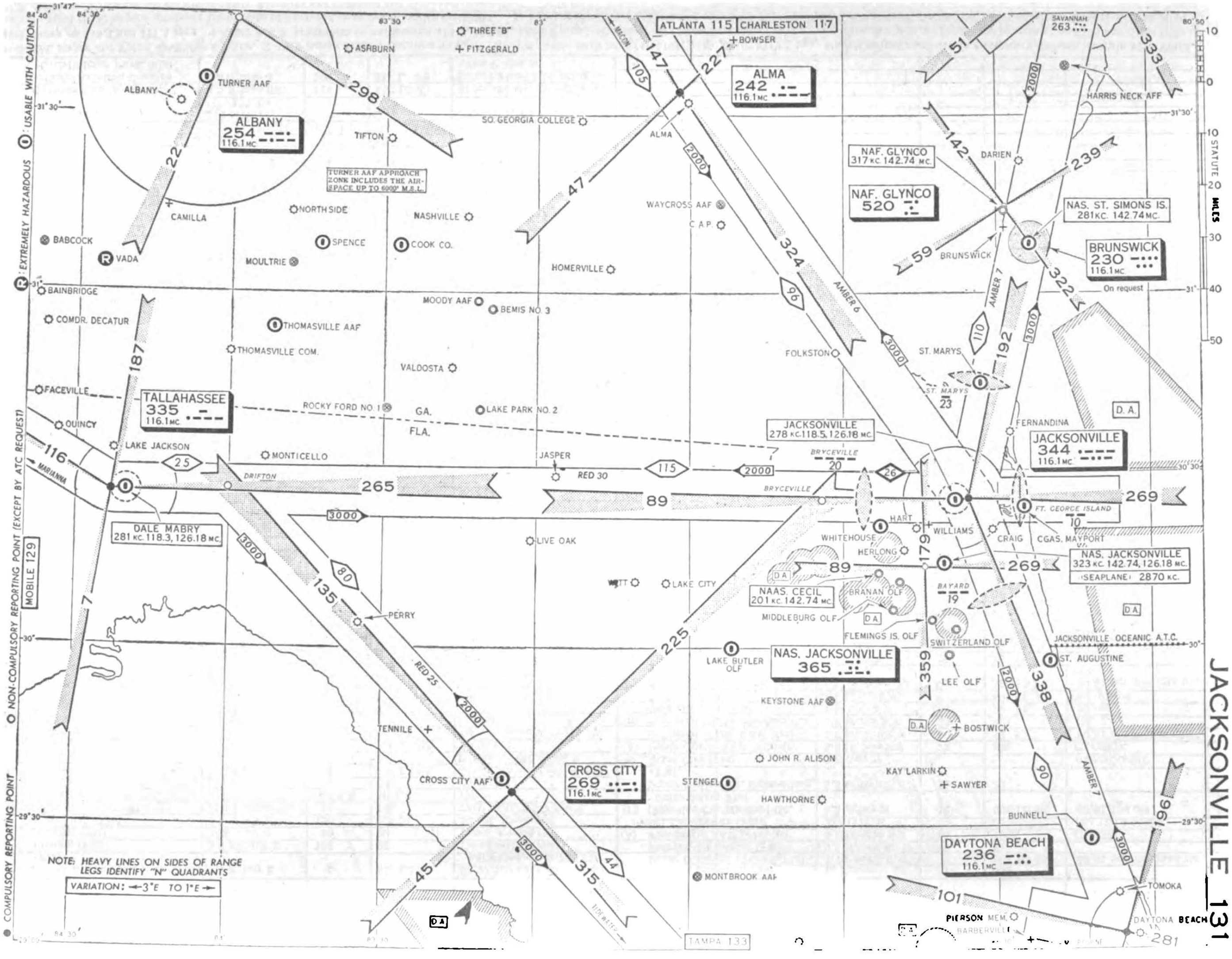
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
JACKSONVILLE	110.3	335	44°	IM-	MM- ·—·—(0.66)	OM- ——(4.60)
					MMH-209 —·—·	OMH-251 —·—·
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page iv)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALISED. Airports are indented and non-capitalised.


ATLANTA 115 CHARLESTON 117
ALBANY 254 116.1 MC
ALMA 242 116.1 MC
BRUNSWICK 230 116.1 MC
On request
TALLAHASSEE 335 116.1 MC
JACKSONVILLE 344 116.1 MC
JACKSONVILLE 278 KC. 118.5, 126.18 MC.
NAF. GLYNCO 520
NAF. GLYNCO 317 KC. 142.74 MC.
NAS. ST. SIMONS IS. 281 KC. 142.74 MC.
DALE MABRY 281 KC. 118.3, 126.18 MC.
NAS. JACKSONVILLE 323 KC. 142.74, 126.18 MC.
SEAPLANE 2870 KC.
NAAS. CECIL 201 KC. 142.74 MC.
NAS. JACKSONVILLE 365
CROSS CITY 269 116.1 MC
DAYTONA BEACH 236 116.1 MC
TURNER AAF APPROACH ZONE INCLUDES THE AIRSPACE UP TO 6000' M.S.L.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 3°E TO 1°E
O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
MOBILE 129
TAMPA 133
JACKSONVILLE 131
STATUTE MILES
ALBANY
TURNER AAF
ASHBURN
THREE "B"
FITZGERALD
SO. GEORGIA COLLEGE
TIFTON
CAMILLA
NORTH SIDE
NASHVILLE
BABCOCK
VADA
SPENCE
COOK CO.
MOULTRIE
HOMERVILLE
BAINBRIDGE
COMDR. DECATUR
MOODY AAF
BEMIS NO. 3
THOMASVILLE AAF
THOMASVILLE COM.
VALDOSTA
FACEVILLE
QUINCY
LAKE JACKSON
MONTICELLO
ROCKY FORD NO. 1
GA.
FLA.
LAKE PARK NO. 2
JASPER
DRIFTON
RED 30
MARIANNA
DALE MABRY
LIVE OAK
PERRY
LAKE CITY
TENNILE
CROSS CITY AAF
STENGEL
HAWTHORNE
MONTBROOK AAF
ALMA
WAYCROSS AAF
C.A.P.
FOLKSTON
ST. MARYS
BRUNSWICK
DARIEN
HARRIS NECK AFF
SAVANNAH 263
FERNANDINA
FT. GEORGE ISLAND
CRAIG
CGAS. MAYPORT
WHITEHOUSE
HERLONG
HART
WILLIAMS
BRANAN OLF
MIDDLEBURG OLF
FLEMINGS IS. OLF
BAYARD
SWITZERLAND OLF
JACKSONVILLE OCEANIC A.T.C.
ST. AUGUSTINE
LAKE BUTLER OLF
LEE OLF
KEYSTONE AAF
BOSTWICK
JOHN R. ALISON
KAY LARKIN
SAWYER
BUNNELL
DAYTONA BEACH
TOMOKA
PIERSON MEM.
BARBERVILLE
DELAND
ORMOND BEACH
DAYTONA BEACH
281
D.A.
BRYCEVILLE
20
23
19
10
MACON
ATLANTA
CHARLESTON
SAVANNAH
JACKSONVILLE
TAMPA
MONTGOMERY
TALLAHASSEE
MOBILE
NEW ORLEANS
ATLANTA
CHARLESTON
SAVANNAH
JACKSONVILLE
TAMPA
MONTGOMERY
TALLAHASSEE
MOBILE
NEW ORLEANS

TAMPA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Whitted (St. Petersburg, Fla)	2.5 E; bay E	6	33h L3 S6	80,91,100 oct.Coast Gd.Stn adj.Poles,stack NW,SW.
Altoona (Fla)	0.6 NW;RR E	155	25	Trees ends strips
Arcadia (Fla)	2 SE;hwy W	60	30	Trees around fld.
Avon Park (Fla)	1.5 W;RR E	156	40h S1	80 oct. Trees SE.
(A) Avon Park AAF (Fla) (A)	11 ENE;lake NW	65	54h	TMP INACT.NO FACS.
BANANA RIVER Navy Range (Fla)	524 (NPB)	106°,4.6	MRLZ	(3)
BANANA RIVER NAS Tower (Fla)	224 (142.74)		CN	(3); 142.74
(N) Banana River NAS (Fla)(N)	11 SE Cocoa	9	40h L5 S6	91 oct.No bcn Lgts on req.
Barberville (Fla)	1 SE;bet RR & rd	25	25	P-line E. UNUSABLE.
Bartow (Fla)	5.5 NE;RR NW	128	50h L5 S2	80,91 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct.Trees W.Poles SW.
(A) Brooksville AAF (Fla) (A)	7.5 SW;hwy E	70	70h	CLOSED.
Bunnell (Fla)	3.3 E	34	50h	
Cannon Mills (Orlando,Fla)	3.8 E;hwy N	105	41 S6	80 oct.No sto.
Carlstrom (Arcadia, Fla)	7 SSE;hwy N	56	53	
Cedar Keys (Fla) (NC)	1 W;bay S	6	24h	
Clearwater (Fla)	2.5 NE;hwy S	73	30 S6	80 oct. No sto.Trees W.
Cocoa (Fla)	1 N;RR E	20	26 L1	P-line E;trees S,W.
(A) Conners (Okeechobee,Fla)(A)	2.5 NW;RR S	34	50h	CLOSED.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) Daytona Beach (Fla)	2.8 SW;hwy S	34	41h L5 S6	80, 91 oct.
Deland (Fla)	2.5 NNE;hwy S	80	60h L5 S1	87, 91 oct.
Dorr (Arcadia, Fla)	11.5 E;hwy N	74	53	
DREW Tower (Fla)	278 (126.18, 118.5)		AC	(4); 126.18,118.5,122.5
(P) [Drew] (Tampa, Fla)	5 W;bay SW	26	70h L5 S6	80,91,100 oct.Rdo rec rgrd.
(A) Dunnellon AAF (Fla) (A)	4.5 E;hwy S	66	50h	CLOSED.
Ellenton (Fla)	1.5 NNW;RR N	18	15	P-line NE;trees SW.
Fette Aircraft Service (Fla)	2 S;RR E	19	50h L S6	80, 91 oct. No bcn.
Fort Pierce, com. (Fla)	3.3 SSE;RR E	18	26 L1 S6	80 oct. P-line W.
(P) Fort Pierce, mun. (Fla)	3.5 NW;hwy E	24	50h	
Frank D. Waterman (Eustis, Fla)	0.9 SSW;lake NNW	81	23 S1	80 oct. Poles SW,N,W.
Gilbert (Winter Haven, Fla)	3.5 NNW;lake W,E	135	40h S6	80, 91 oct.
Gray's (Leesburg, Fla)	5 N;RR,hwy W	130	27 S6	80 oct. Orange groves W.
Haines City (Fla)	1 NW	175	20 L1	
(P) Hendricks (Sebring, Fla)	6.5 ESE;RR N	62	50h	
Hidden Acres (Clarcona,Fla)	1.5 WNW;lake W	93	25 S6	80 oct. Trees E.
(A) Hillsborough AAF (Tampa,Fla)	7 NNE	67	50h	CLOSED (A)
Hoequist (Orlando, Fla)	3.8 SW;bet lakes	90	20 S4	80 oct. No sto.Trees E.
Honeymoon Island (Dunedin)	2.5 W		30	Data unver. (Fla)
Kerlin (Minneola, Fla)	0.5 NE	100	18 S2	80 oct.
(P) Kissimmee (Fla)	2 W; RR N	65	50h	
(A) Lakeland AAF (Fla)(A)	4.5 SW;RR NE	142	50h	CLOSED.
[Lakeland Mun. #1] (Fla)	2.1 N;lake E	159	35h L5 S6	80,91 oct.Ctc lgts on prior req. till 2400.
Lake Wales (Fla)	2.3 WSW;RR N	225	40h L3 S6	80, 91 oct.
(A) Leesburg AAF (Fla) (A)	4 ENE;RR SE	67	50h	CLOSED.
Ludwig Sky Harbor (St.Petersburg, Fla)	6 NE;bay E	14	33 L1 S6	80 oct.
MAC DILL Tower (Fla)	227 (126.18)+		CA (ILS-W)	(3); 126.18, 50,.0
(A) MacDill (Tampa, Fla) (A)	8 SSW;bay NE	9	100h L5 S6	73-100 oct.JP-1.No sto.
(N) Malabar OLF (Fla) (N)	7 WNW	27	40h	
MELBOURNE Range (Fla)	257 (OU)(116.1)	158°, 2.3	SBRAZ-DTV	(4); 116.1, 122.1
Melbourne-Eau Gallie (Fla)	2.2 NW;RR E	26	43h S6	80,91 oct.
(A) Montbrook AAF (Williston, Fla) (A)	3.2 SSW;hwy E	70	70h	CLOSED.
New Smyrna (Fla)	3 NNW;RR W	12	50h	
ORLANDO Range (Fla)	206(OR)(116.1)	220°,3.4	BMRLZ-DTV	(3); 116.1, 122.1
ORLANDO Tower (Fla)	278 (126.18, 118.7)+		C	(4); 118.7,122.5,126.18
(A) Orlando AAB (Arpt)(Fla)	2.5 E;lake SE	115	55h L5 S6	91 oct;100 oct.mil.acft.No sto
Orlando Aviation Country Club (Winter Park, Fla)	1 NW;lake S	100	21 L S6	80 oct.Flood lgts prior req.P-line N.
Osceola (Sanford, Fla)	10 SSE;lake SE	53	40h	
Peter O.Knight (Tampa,Fla)	3.7S;bay S,E,W	8	40h L5 S6	80,91 oct.Shipyard NE.
Pierson Memorial (Fla)	0.5 N;hwy,RR W	70	21	
(A) Pinecastle AAF (Fla) (A)	3 ESE;lake NW	95	100h	CLOSED.
PINELLAS Tower (Fla)	317 (118.3)		CI	(4); 122.5 (8-24)
(P) [Pinellas Co. Master] (St. Petersburg, Fla)	9.5 N;bay N	12	50h L5 S6	80,91,100 oct.
Piper-Fuller (St. Petersburg, Fla)	4.8 WNW;RR E	21	32	
Plant City (Fla)	3 E;hwy N			ABANDONED
(A) Punta Gorda AAF (Fla) (A)	5 ESE;hwy SW	22	50h	CLOSED.
Robinson (Plant City, Fla)	1.5 WSW;RR E	110	18 S1	80,91 oct.P-line ESE.
(N) Roseland OLF (Sebastian,Fla)	1.7 W;riv N,E	23	40h	(N)
Ryan (Apopka, Fla)	1 N;lake NW	104	28 S6	80 oct.
Sanford (Fla)	2.5 SE;lake N,S	57	60h S6	80, 91 oct.
(P) [Sarasota-Bradenton] (Sarasota, Fla)	3.5 NNW;hwy W	24	50h L5 S6	80,91 oct. Fld lgts prior req.
Sarasota, com. (Fla)	2.5 E;RR S	25	28 S1	80 oct.
Sebring (Fla)	4 SW;lake NE	200	20 S1	80 oct.Pwr line SW.
Showalter Arpk (Winter Park) (Fla)	1 E;RR S	91	24 S4	80 oct.
Skyland (Lakeland, Fla)	1.9 WNW;RR S	170	23 S6	80 oct.No sto.Trees S.
Skyport (Dunedin, Fla)	1.5 N;RR E	4	26 S6	80 oct.No sto.P-line NE.
TAMPA Range (Fla)(Peter O. Knight)	388(TM)(116.1)	55°, 2.7	SBRAZ-DTV	(4); 116.1, 122.1
(P) Taylor (Ocala)	1 SW;RR NE	72	40h L3 S6	80,91 oct.Lgts and mgt repairs on prior req.
(P) Titusville-Cocoa (Titusville)	6 S;riv E	35	50h L5 S6	80 oct. (Fla)
* Titusville Int,20,MM-AG (Fla)	1.3 NW;RR E	28	28 L3	
Tomoka (Daytona Beach, Fla)	7.8 NW	29	40h	
(N) Valkaria OLF (Melbourne,Fla) (N)	8 SSE;RR E	26	40h	
Venice, mun. (Fla)	0.5 SE;RR E	20	36 S2	80 oct.
VERO BEACH H Fac. (Fla)	359(VB)(116.1)		MHTV	(4); 116.1
[Vero Beach] (Fla)	1 NW;RR E	24	65h	
Wauchula (Fla)	2.1 E;riv W	120	21	Trees N,E,NE
Wimauma (Fla)	0.8 ESE;RR W	35	36	Cattle on fld. Bldg W.
(P) Witham (Stuart, Fla)	1.5 SE;RR SW	17	50h S1	
(P) Zephyrhills (Fla)	1.5 ESE;RR W	92	50h	

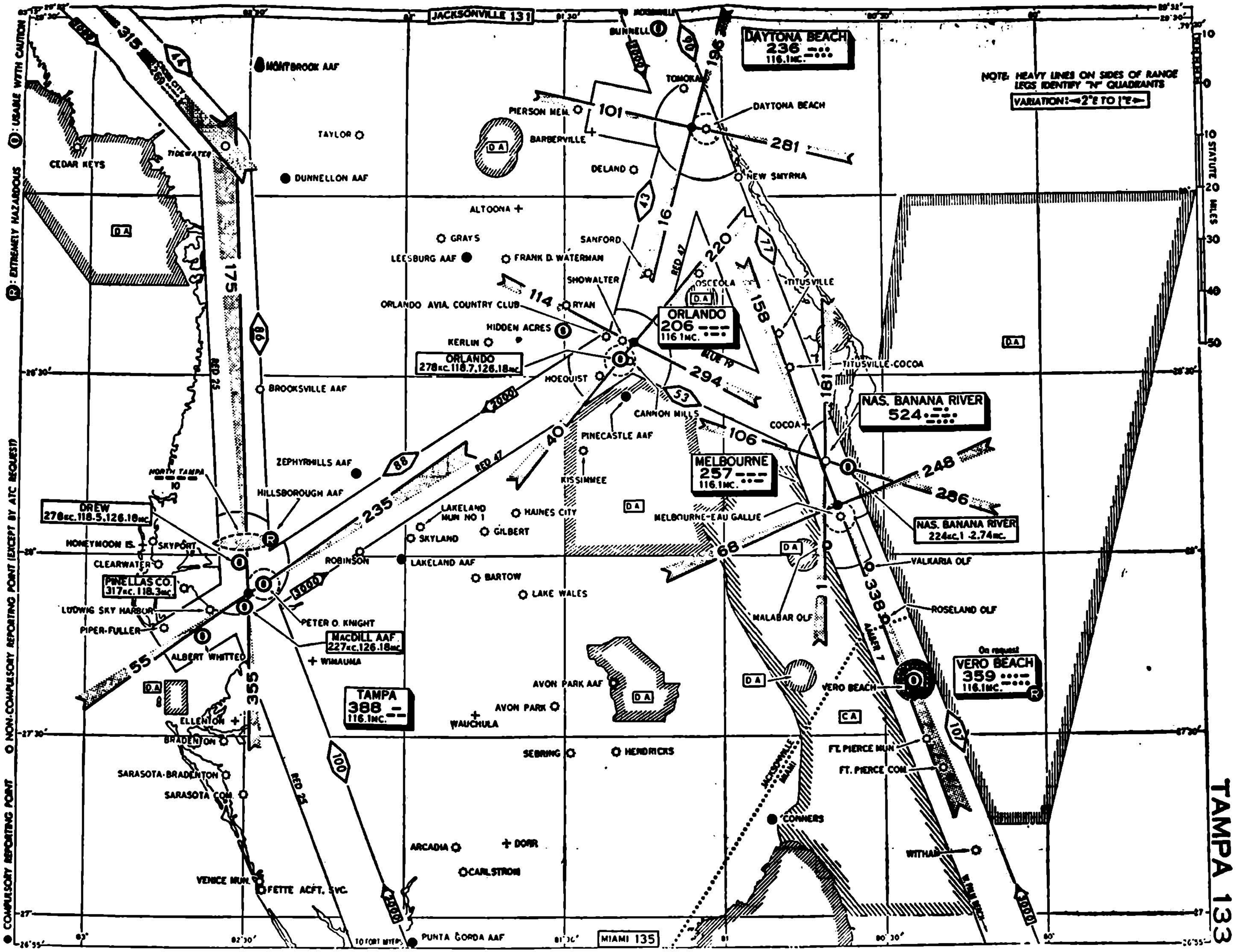
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MacDILL (A)	110.3	335	217°	IM- (0.07)	MM- .....(1.09)	OM- --(5.03)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. A.A.C.S.: Scheduled broadcast on 4765 kcs (first figure is scheduled time, second alternate time) h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV) NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop.

N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


JACKSONVILLE 131
JACKSONVILLE
BUNNELL
DAYTONA BEACH
236
116.1MC.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
MONTBROOK AAF
TOMOKA
PIERSON MEM.
DAYTONA BEACH
TAYLOR
BARBERVILLE
DELAND
NEW SMYRNA
CEDAR KEYS
TIDEWATER
DUNNELLON AAF
ALTOONA
GRAYS
SANFORD
LEESBURG AAF
FRANK D. WATERMAN
SHOWALTER
OSCEOLA
TITUSVILLE
ORLANDO AVIA. COUNTRY CLUB
RYAN
ORLANDO
206
116.1MC.
HIDDEN ACRES
KERLIN
ORLANDO
278sc.118.7.126.18mc
HOEQUIST
TITUSVILLE-COCOA
BROOKSVILLE AAF
CANNON MILLS
NAS. BANANA RIVER
524
PINECASTLE AAF
COCOA
MELBOURNE
257
116.1MC.
ZEPHYRHILLS AAF
KISSIMMEE
NORTH TAMPA
HILLSBOROUGH AAF
DREW
278sc.118.5.126.18mc
LAKELAND MUN NO 1
HAINES CITY
MELBOURNE-EAU GALLIE
NAS. BANANA RIVER
224sc.1 2.74mc.
SKYLAND
GILBERT
HONEYMOON IS.
SKYPORT
CLEARWATER
ROBINSON
LAKELAND AAF
VALKARIA OLF
PINELLAS CO.
317sc.118.3mc
BARTOW
LAKE WALES
LUDWIG SKY HARBOR
MALABAR OLF
ROSELAND OLF
PETER O. KNIGHT
PIPER-FULLER
MACDILL AAF
227sc.126.18mc
ALBERT WHITTED
WIMAUMA
On request
VERO BEACH
359
116.1MC.
AVON PARK AAF
TAMPA
388
116.1MC.
VERO BEACH
AVON PARK
WAUCHULA
ELLENTON
FT. PIERCE MUN
BRADENTON
SEBRING
HENDRICKS
FT. PIERCE COM
SARASOTA-BRADENTON
SARASOTA COM
CONNERS
ARCADIA
DOBR
WITHAM
CARLSTROM
VENICE MUN
FETTE ACFT. SVC.
PUNTA GORDA AAF
MIAMI 135
TO FORT MYERS
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS
Ⓓ: USABLE WITH CAUTION
STATUTE MILES
TAMPA 133

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Belevedere (West Palm Beach, Fla.)	2 SW	17	25 S5	
Belle Glade (Fla)	1 NNE;lake W	17	27 S6	73 oct.No sto.Lgt acft.
BOCA RATON AAF Tower (Fla)	396 (126.18)		CA	(3); 126.18 (6-24)
(A) Boca Raton AAF (Fla)(A)	2 NNW;canal E	13	64h L5 S6	73,100 oct. Twr SE.
Brown (Miami, Fla)	10 SW;RR NW	10	20 S6	80,91 oct. No sto. Trees E.
(A) Buckingham AAF (Fort Myers, Fla) (A)	10 E;riv SW	25	54h	CLOSED.
Chapman (Miami, Fla)	11.5 SSW	3	40 S6	80,91 oct. No sto. Pwr line W. RR W
Clewiston (Fla)	1.6 SW;RR N	19	30 S6	80 oct. P-line N,E,S, W.
(N) Forman OLF (Fort Lauderdale, Fla)(N)	6.5 WSW	7	32h	CLOSED
Fort Lauderdale (Fla)	5.3 NNW	14	40h	Trees sur fld.
(N) Fort Lauderdale NAS (Fla) (N)	3.5 SSW;RR W	10	50h S1	100 oct. Fld avail: week-days prior req
FORT MYERS Range (Fla) (Page)	341(FM)(116.1)	38°,3.6	SBRAZ-DTV	(4); 116.1
(P) Homestead, mun. (Fla)	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Airfield (Fla) (A)	1.3 ENE;RR W	20	50h	CLOSED.
★ Immokalee Int, 13, TM-MM (Fla)	5.25 SE;RR SW	23	38 L2	
KEY WEST Range (Fla)	332(KW)(116.1)	70°,5.8	SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower (Fla)	396 (142.74)		CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane) Tower (Fla) (NC)	272 (142.74)		CN	3105;142.74 (prior req.)
(N) Key West NAS (Fla)(N)	7 ENE	5	70h L5 S4	91,100 oct.No sto.
Lake Worth (Fla)	2 W;hwy N	12	28 S1	80 oct.
MacArthur (Hollywood, Fla)	1 SW;RR E	12	28h S4	80,91 oct. No sto. Trees SE.
Marathon (Fla)	1.8 ENE;hwy S	6	100h	
MASTER OLF Tower (Fla)	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master OLF (Miami,Fla)	8 NNW;RR W	9	74h L5	Pwr line SE. (N)
[Meacham] (Key West,Fla)	2.3 E;ocean S	4	40h S1	80,91 oct. ARPT OF ENTRY.
MIAMI Range (Fla) (International)	365(MM)(vhf)	270°,2.3	SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL Tower (Fla)	278 (126.18, 118.5)		AC	(4); 122.5,126.18,118.5
(A) [Miami International - AAF] (Fla)	5.5 NW;RR S	9	74h L5 S6	91,100 oct. JP-1. FEE 2-way rdo rqrd. ARPT OF ENTRY.
Miami Aviation Center (Miami, Fla)	7.5 NNE;bay E	8	25h S6	80,91 oct. No sto.
(N) Miami NAS (Fla) (N)	10.7 NW;canal N	9	60h L5 S6	91,100 oct. No sto. CLOSED
(N) Miami OLF (Fla) (N)	7.9 NNW;RR E	91	36h	CLOSED
MORRISON Tower (Fla)	278 (126.18, 118.9)+		C (ILS)	(4);118.9,126.18,122.5
(A) Morrison (West Palm Beach, Fla) (A)	2 W;canal S	18	70h L5 S5	73-100 oct. FOREIGN CLEARING STN.
Naples (Fla)	2 NE;RRs E, W	8	50h	
(N) North Perry OLF (Hollywood,Fla)(N)	6.3 W	9	32h	CLOSED.
(N) North Pompano OLF (Pompano, Fla)(N)	1.5 NE;RR W	21	40h	CLOSED.
(P) [Page] (Ft. Myers,Fla)	4 S;RR SE	18	51h L5 S6	80,91 oct. Ground traffic.
Palm Beach County Park (Lantana, Fla)	2 WNW;lake N, E	16	35h L5 S6	91 oct. Fld lgts on prior req.after 2300
Punta Gorda, mun. (Fla)	3 SSE;hwy E	4	24	
(N) Richmond NAS (LTA)(Fla)	15 SW Miami	13	20h	INACTIVE. (N)
(P) Riddle (Clewiston,Fla)	7.6 W;hwy N			ABANDONED.
(P) South Dade County (Homestead, Fla)	5 E	8	60h L5 S6	87,91 oct. No sto.
Sunny South (Miami,Fla)	6 N;hwy N	12	40 S6	80,91 oct. No sto. Rnwy data unver.
Tamiami (Miami, Fla)	12 W		35h S6	80,91 oct. Data unver.
WEST PALM BEACH Range (Fla) (Morrison)	209 (DWZ) (116.1)	89°,2.4	BMRAZ-DTV	(3); 116.1, 122.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

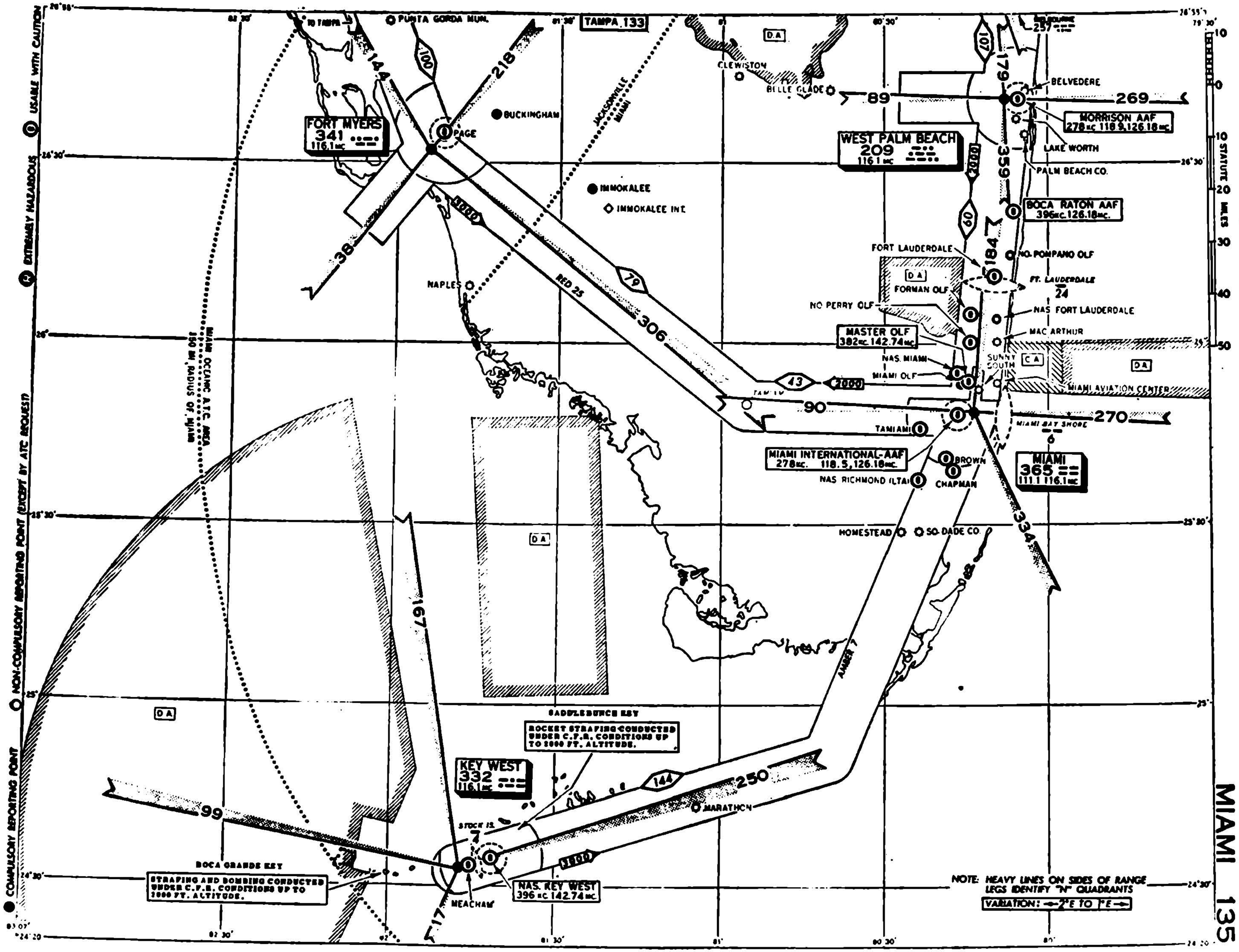
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MORRISON (A)	110.3	335	90°	IM -	MM- ·····(0.61)	OM- ——(4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IV)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


TAMPA 133
PUNTA GORDA MUN.
FORT MYERS
341
116.1mc
BUCKINGHAM
PAGE
IMMOKALEE
IMMOKALEE INT
NAPLES
CLEWISTON
BELLE GLADE
WEST PALM BEACH
209
116.1mc
BELVEDERE
MORRISON AAF
278mc 118.9,126.18mc
LAKE WORTH
PALM BEACH CO.
BOCA RATON AAF
396mc 126.18mc.
FORT LAUDERDALE
NO. POMPANO OLF
FT. LAUDERDALE
FORMAN OLF
NO PERRY OLF
NAS FORT LAUDERDALE
MAC ARTHUR
MASTER OLF
382mc 142.74mc
NAS. MIAMI
MIAMI OLF
SUNNY SOUTH
MIAMI AVIATION CENTER
TAMIAMI
MIAMI BAY SHORE
MIAMI INTERNATIONAL-AAF
278mc. 118.5,126.18mc.
NAS RICHMOND (LTA)
BROWN
CHAPMAN
MIAMI
365
111.1 116.1mc
HOMESTEAD
SO. DADE CO.
SADDLEBUNCH KEY
ROCKET STRAFING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 5000 FT. ALTITUDE.
KEY WEST
332
116.1mc
STOCK IS.
MARATHON
BOCA GRANDE KEY
STRAFING AND BOMBING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 5000 FT. ALTITUDE.
NAS. KEY WEST
396 mc 142.74 mc
MEACHAM
MIAMI OCEANIC A.T.C. AREA
100 NM RADIUS OF MIAMI
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 3°E
STATUTE MILES
MIAMI 135

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMH; 276° 10.5	Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMH; 77°, 11	Los Angeles
→ EL TORO MCAS (Santa Ana)	3295(142.74)	CN(GCA)	3105,4495;126.18,142.74
GLENDALE	371 (S)	MH; 97°, 7.3	Burbank
GRAND CENTRAL (Glendale)	201	CI	(4); 122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CI	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV	(3);116.1,122.1
Long Beach Airport	347(126.18,118.5	AC; 298°, 3.9	(4);122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317(142.74	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV ;244°,3.8	(3); 116.1,122.1
Los Angeles Airport	272(126.18,118.9)	AC(ILS-W)	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR; 88°, 2.0	
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV;317°,0.1	(4); 116.1
ONTARIO AIRPORT	219(126.18,116.1)	CI	(4);126.18,116.1,122.5 (8-18)
SANTA ANA (Navy)	472(NTK)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req)
SANTA MONICA AIRPORT	353(126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	(3); 142.74 (flying hours)
→ VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (730-1530, except Sat. & Sun)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)							
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LOS ANGELES,	109.9	333.8	247°	IM-	MM-	OM-	(2.45)
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on emg guards 116.1, 137.88, 148.58 mcs.

AIRPORTS — CALIFORNIA

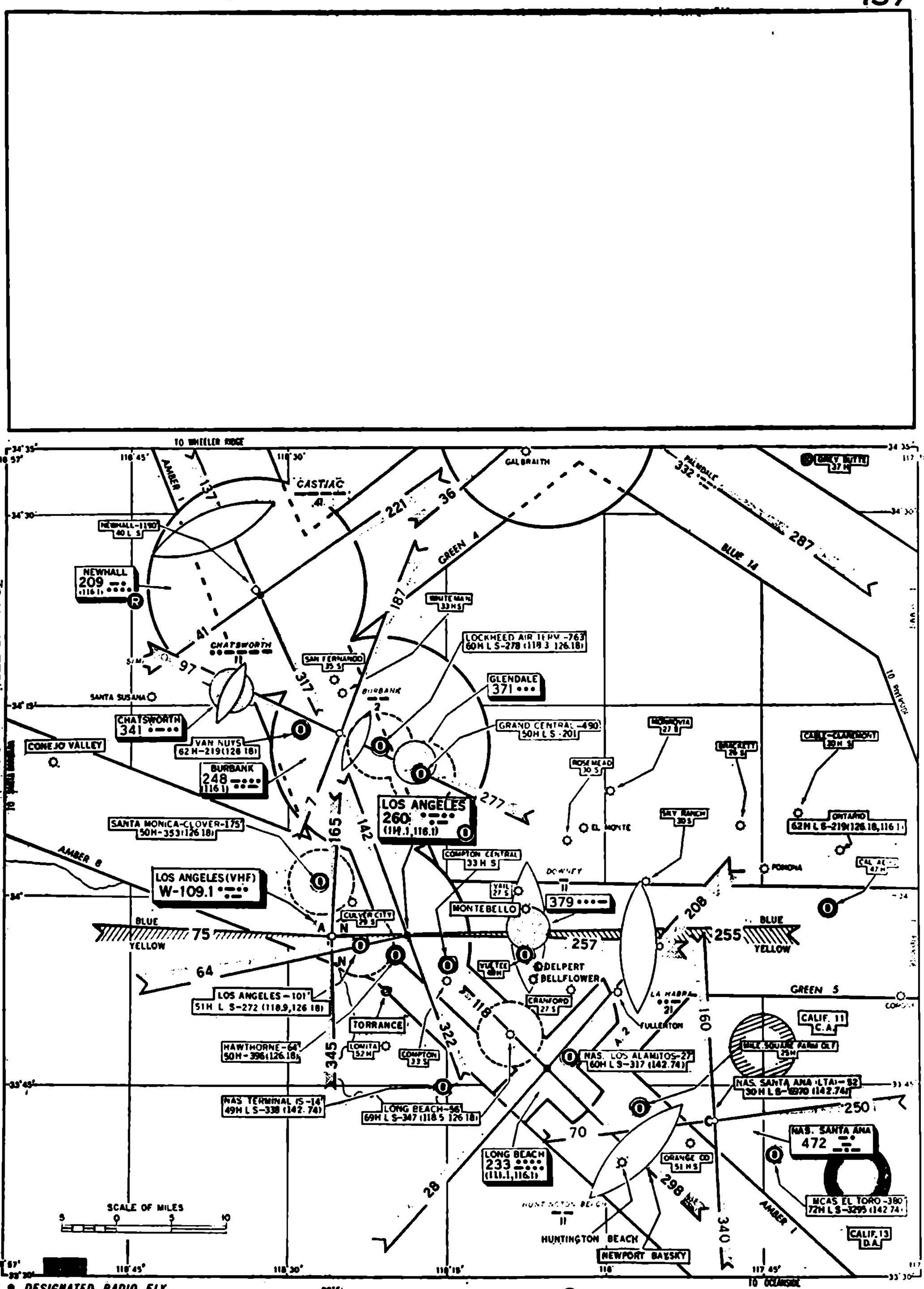
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys S,E	1010	26 S6	80 oct. Fence W.
Cable-Claremont	1.8 ENE;RR E	1400	30h S4	80,91 oct.
Cal Aero (Ontario)	5 SSE;hwy W	625	47h	Restricted to W.A.A.
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct. Rdo & instr rprs. Rnwy data unver.
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct. No sto. P-lines NE.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct. P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct, Poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv) NC-(not charted). → NEW OR REVISED DATA.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	21 S6	80 oct, Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana)(N)	6 SE,RR,hwy W	380	72h R1 L5 S4	100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct, Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct. Bet RR & river.
(A) Grey Butte (Victorville) (A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1,2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54	17h	
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. Closed to Public.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(NG) LOCKHEED AIR TERM. (Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91 oct;100 oct Army. No sto. Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	100 oct. No sto.
(N) Los Alamitos NAS (Long Beach)	6 E; hwy N	27	60h R1 L5 S4	80,100 oct. NATS
(P) Los Angeles (N)	9.5 SW;RR E	101	51h R3 L6 S6	91,100 oct. Rdo rqrd.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
Monrovia (N)	0.5 SE;RR S	500	27 S6	80,91 oct.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int, 3A, LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
(P) Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	45	51h S6	80-100 oct.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;riv S	775	20 S6	80 oct.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. No sto.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	52	30h R2 L4 S4	91,100 oct. No sto. Rnwy data unver.
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No ben. Lgts prior req.
Santa Susana	0.5 S;RR N	955	19 S6	73 oct, No sto. Pwrline W.
Sky Ranch (Puente)	1,3 E;RR S	402	30 S4	80 oct, No sto.
(N) Terminal Isl. NAS (San Pedro)(N)	2 ENE	14	49h R1 L6 S4	80,100 oct
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct. Port rnwy lgts. Rdo rprs.
(NG) Van Nuys Metropolitan	2.8 NW;RR N	800	62h R1	Ltd 100 oct.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW. RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct. Pole line NNW, NE, SW.

NEW AIRPORTS



● *DESIGNATED RADIO FIX*

○ *NON-COMPULSORY REPORTING POINT*

NOTE:
HEAVY LINES OR SIDES OF RANGE GIVE IDENTITY 'B' QUADRANTS.

(R): EXTREMELY HAZARDOUS

(O): USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS CARRY NO CLASS IN AIRPORT BOX

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ILLINOIS			
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
CHICAGO	350(CG)(116.1)	SBRAZ-DTXV;152°,2.2	(3); 116.1
Chicago Airport	278 (126.18, 118.7,118.1)	AC (ILS-W)	(4);126.18,118.7,118.1,122.5 (GCA test basis)
Chicago-Orchard	396 (126.18)	C	(4); 126.18
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
→ FRANKLIN PARK		now carried as Chicago ILS outer comp. ltr.	
HARVEY (Rubinkam)	385 (GH)	MLWZ; 90°, 2.2	
JOLIET	257(JO)(116.1)	SBRAZ-DTV; 126°,3.7	(4); 116.1
INDIANA			
McCOOL (Int.)	369 (MC)	MHW	Oper. cont.
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen
OHIO			
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV;100°,0.7	(3); 116.1
Cleveland Airport	278 (126.18,118.3)	AC(ILS-W)	(4); 118.3,126.18,122.5
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
ELYRIA	219 (S)	FMH, 280°, 10.9	Cleveland
NORTH ROYALTON LFM	(- -)	LFM, 145°, 10.8	Cleveland
VERMILION FM	(. . - - -)	FM, 280°, 26	Cleveland
VIRGINIA			
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk NAS East Field
LANGLEY FIELD (Army)	221 (DLY)(116.1)	SBMRAPZ-DTV	(3); 116.1
Langley Field	278(126.18, 116.1)+	CA(GCA);102°,3.8	(4); 126.18
NORFOLK	239(NW)(116.1)	SBMRLZ-DTV	(3); 116.1
Norfolk Airport	269(126.18,118.3)	AC; 44°, 3.3	(4); 122.5; 126.18, 118.3
Norfolk (Navy)	356 (NGU)	BMRLZ	
Norfolk NAS (East Field)	323 (142.74)	CN(GCA);276°, 2.9	(3); 142.74
Norfolk NAS (Seaplane)	2870	CN	2870 (7-17 and on req.)
OCEANA NAAS	3295 (142.74)	CN	3105,4495;142.74 (745-1830)
NEW RADIO FACILITIES			
Cleveland Airport, Ohio /	278	MLW	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

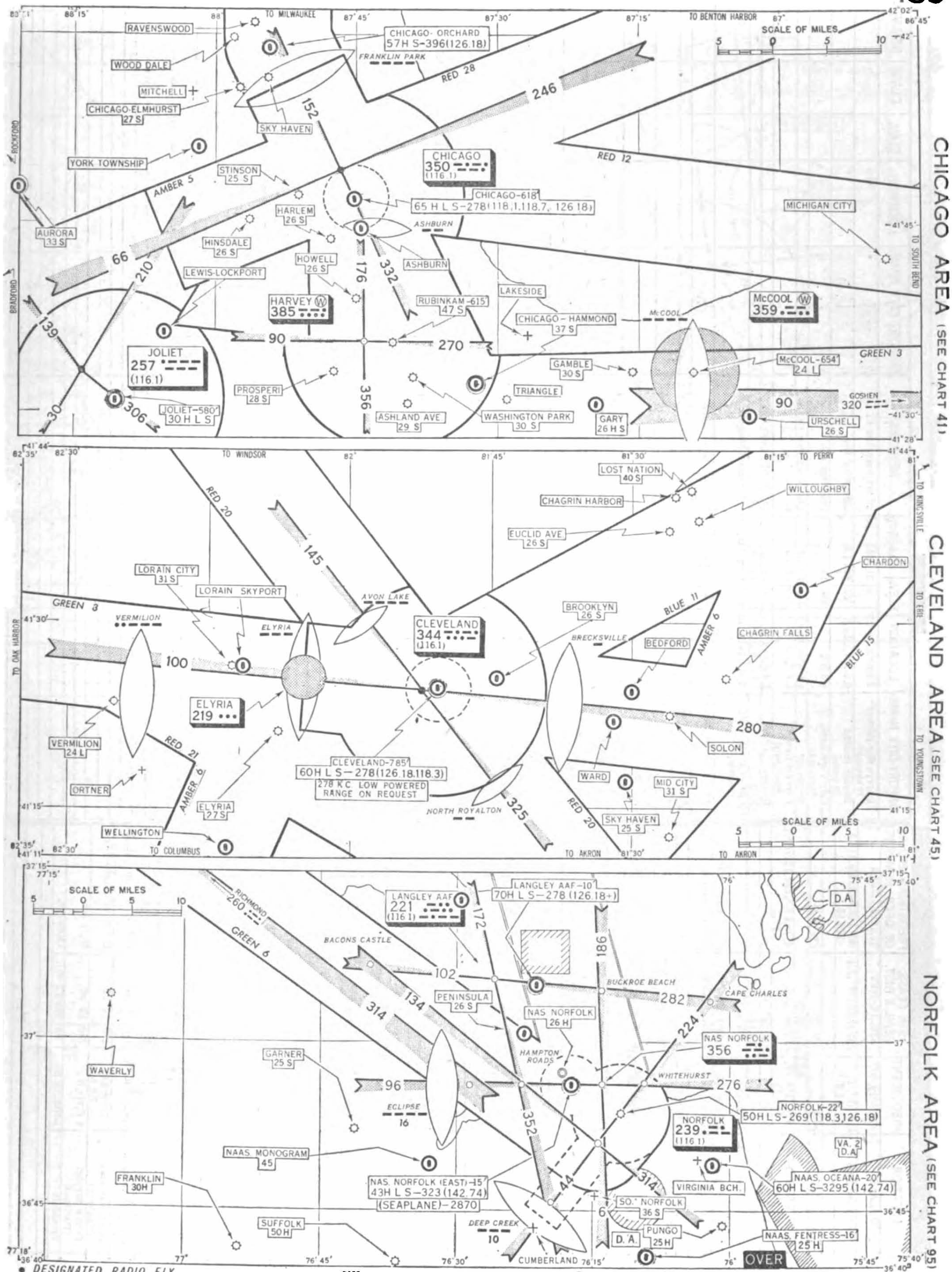
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ CHICAGO	109.9	333.8	132°	IM-	MM-	OM- — — (1 89)
					MMH- 201 ••• (0 71)	OMH-219 •—•• (5,8)
CLEVELAND	109.9		54°	IM-	MM-	OM- — — (4.75)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ILLINOIS				
→ Ashburn (Chicago)	12 SW;hwy W	620	16 S4	80 oct.Unsafe after rain.
Ashland Avenue (Chicago Hgts)	1.5 NW;hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora Airways	3 NNW	701	30 S4	80 oct. Twr NE; Poles E,W.
CHICAGO	9 SW of loop	618	65h R3 L6 S6	80,91,100 oct.FEE.
Chicago-Elmhurst(Elmhurst)	2.5 N; hwy SW	707	27 S6	80,91 oct. Poles S, E.
(A) Chicago-Orchard	16 NW;RR W	657	58h R1 L5 S6	80,91 oct. JP-1
(P) Chicago-Hammond (Lansing)	1.5 S;RR N	660	37 L1 S6	73,80 oct. Obsts sur. fld.
Harlem (Oaklawn)	2.2 WNW;hwy W	619	26 S6	80 oct. Pole line E.
Hinsdale	3 S;hwy SE	710	26 S6	73, 80 oct. Rolling ground
→ Howell (Blue Island)	3 W;hwy E	600	26 S6	80,91 oct.
Joliet, 22, LS-CG	5 W;riv W	580	30h R1 L4 S4	80,91 oct. Flood lgts prior req. after 2400.
Lewis-Lockport (Lockport)	2.2 WNW;hwy E	664	26 S6	80, 91 oct. Twr SE. Obsts sur field.
Prosperi (Tinley Park)	1.7 SSW;hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW;RR N	650	18 S6	80 oct. Allway fld.Trees S
ILLINOIS				
(P) Rubinkam (Harvey)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct. Use W part only.
St. Charles (NC)	3.5 E;RR E,S	760	18h	Pole line N.
Sky Haven (Bensenville)	1.5 SE;RR W,N	650	23 S4	80,91 oct. Use strips only.
Stinson (La Grange)	2 SE;hwy SE	644	25 S6	80,91 oct. Pole line S,W.
(P) Washington Park (Homewood)	1.5 SE;hwy E	625	30 S6	80,91 oct. Allway area
Wooddale	1.5 N	711	30 S5	80 oct. Woods SSW; pole line W.
York Township (Lombard)	2 SSW;hwy N	726	20 S6	80 oct. Use strips. Pole line N,E.
INDIANA				
Gamble (Hobart)	1.8 NNW;hwy S	650	25 S6	80,91oct. P-line NE,E.
Gary	6 S;hwy W	610	23 S6	80,91 oct. P-line E,SE,S,SW,W.
Lakeside (Gary)	7.5 W		35 S4	73,80 oct. Data unver.
* McCool Int, 3, CG-LG	2 SW; hwy S	654	24 L3	
Michigan City	4 E; RR N	650	24 S1	80,91 oct. Pole line E,S,W.
→ Triangle (Dyer)	1.5 NE;RR E	630	33 S4	80,91 oct. Pole line S,SE. Bldg W.
Urschell (Valparaiso)	1.7 NNE;hwy E	766	26 S2	80 oct. Pole line N.
OHIO				
Bedford	2 NE;hwy W	1060	17 S2	73 oct.
Brooklyn (Cleveland)	5.5 SW;RR S	780	26 S2	73 oct.
Chagrin Falls	3 E;hwy SW	1220	23 S4	80 oct. Pole line N.
Chagrin Harbor (Willoughby)	2.5 NNW	620	22 S6	80 oct. Pole line W.
Chardon	2.8 S	1230	22 S1	80 oct. Pole lines sur fld.
(A) CLEVELAND	8.5 SW;riv W	785	60h R3 L6 S6	80,73,91,100 oct. JP-1. FEE.ARPT OF ENTRY.
→ Elyria	1.6 SSW;bet RRs	745	27 S4	80 oct. Poles SSE, S.
Euclid Ave. (Willoughby)	1.5 WSW;RR N	640	26 S6	80,91 oct. Pole line S,hi-line N.
→ Lorain City (Lorain)	2.8 W;RR N	610	31 S4	80 oct. Pole line NE,SE.
→ Lorain Skyport (Lorain)	2.5 W;lake N	610	29 S4	80,91 oct. Pole line S,SE.Rnwy data unver. SW corner unusable.
Lost Nation (Willoughby)	3 N;lake NW	626	40 S6	80,91 oct. Obsts sur fld.Rnwy data unver.
→ Mather (Cleveland)	5 SW;RR S			ABANDONED
Mid City (Hudson)	2 S;RR S	1080	31 S4	80 oct. Poles W,NW.
Ortner (Wakeman)	4 NNE;RR S		26 S1	73 oct. Data unver.
Sky Haven (Northfield)	2.5 SSE;RR NE	1040	25 S4	73,80 oct. No sto. Pwr line W,S.
Solon	1.1 SSE;RR NE	1034	24 S6	73,80 oct. Pole line W, SE.
* Vermilion Int, 28, CG-LG	3.7 SW;RR N,S	610	24 L3	N,SE,S,NW blkd.
Ward (Bedford)	1.5 S;RR E	980	20 S6	80 oct.
Willoughby	1.2 E;RR NW	700	22 S6	80 oct. Pole line sur fld.
VIRGINIA				
Cumberland (Portsmouth)	7.5 SSW		28 S4	80 oct. Data unver.
(N) Fentress NAAS (N)	2.5 ESE;hwy N	16	25h	CLOSED.
(P) Franklin	1.7 NE	38	30h	
Garner's (Windsor)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk)(NC)	4.5 E;RR S	18	24	Twrs, pole line SW.
(A) Langley Field (A)	3 N Hampton	10	70h R2 L5 S6	73,91,100 oct. JP-1.
(N) Monogram NAAS (Drivers)	2.8 W;riv W	21	45	INACTIVE. (N)
NORFOLK	5 ENE;RR SE	22	50h R2 L5 S4	80,91 oct.
(N) Norfolk NAS (Chambers)(N)	7 N;rd N	13	26h	CLOSED. Use East Field
(N) Norfolk NAS (East Field)(N)	6 N; RR SW	15	43h R2 L5 S6	91,100 oct. NATS.
(N) Oceana NAAS (N)	1 SW;RR N	20	60h R1 L5 S4	91,100 oct. No bcn.
Peninsula (Hampton)	2 WSW;RR N	12	26 S4	80 oct.
Pungo	0.8 NE	15	25h	
South Norfolk (Norfolk)	6 SSE		36 S4	Fuel. No sto. Data unver.
(P) Suffolk	3.8 SSW;RR E	66	50h	
Virginia Beach	4.5 W;RR,hwy N	15	42 S4	80,91 oct. Pole line N.Data unver.
Waverly	2.5 NW;RR SW	115	17 S2	80 oct. Trees,brush sur fld.
NEW AIRPORTS				
Mitchell (Lombard,Ill.)	2.8 NNW	710	24	Data unverified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IV) NC-(not charted). → NEW OR REVISED DATA


CHICAGO AREA (SEE CHART 41)
CLEVELAND AREA (SEE CHART 45)
NORFOLK AREA (SEE CHART 95)
SCALE OF MILES
5 0 5 10
TO MILWAUKEE
TO BENTON HARBOR
TO SOUTH BEND
TO WINDSOR
TO PERRY
TO KINGSVILLE
TO FREMONT
TO YOUNGSTOWN
TO OAK HARBOR
TO COLUMBUS
TO AKRON
RAVENSWOOD
WOOD DALE
MITCHELL
CHICAGO-ELMHURST 27 S
SKY HAVEN
YORK TOWNSHIP
STINSON 25 S
AURORA 33 S
HINSDALE 26 S
HARLEM 26 S
HOWELL 26 S
LEWIS-LOCKPORT
CHICAGO-ORCHARD 57H S-396(126.18)
FRANKLIN PARK
CHICAGO 350 (116.1)
CHICAGO-618 65 H L S-278(118.1,118.7, 126.18)
ASHBURN
MICHIGAN CITY
HARVEY 385
RUBINKAM-615 47 S
LAKESIDE
CHICAGO-HAMMOND 37 S
McCOOL
McCOOL 359
JOLIET 257 (116.1)
JOLIET-580 30 H L S
PROSPERI 28 S
ASHLAND AVE 29 S
TRIANGLE
WASHINGTON PARK 30 S
GAMBLE 30 S
GARY 26 H S
McCOOL-654 24 L
GOSHEN 320
URSCHELL 26 S
GREEN 3
RED 28
RED 12
AMBER 5
246
152
66
210
139
30
306
176
332
90
270
356
LOST NATION 40 S
CHAGRIN HARBOR
EUCLID AVE 26 S
WILLOUGHBY
CHARDON
LORAIN CITY 31 S
LORAIN SKYPORT
AVON LAKE
VERMILION
ELYRIA
CLEVELAND 344 (116.1)
BROOKLYN 26 S
BRECKSVILLE
BEDFORD
CHAGRIN FALLS
BLUE 11
AMBER 6
BLUE 15
RED 20
145
100
280
SOLON
ELYRIA 219
VERMILION 24 L
ORTNER
ELYRIA 27 S
CLEVELAND-785 60H L S-278(126.18,118.3) 278 K.C. LOW POWERED RANGE ON REQUEST
NORTH ROYALTON
WARD
MID CITY 31 S
SKY HAVEN 25 S
WELLINGTON
RED 21
325
LANGLEY AAF 221 (116.1)
LANGLEY AAF-10 70H L S-278 (126.18+)
RICHMOND 260
GREEN 6
172
181
102
134
314
BACONS CASTLE
BUCKROE BEACH
CAPE CHARLES
282
224
PENINSULA 26 S
NAS NORFOLK 26 H
NAS NORFOLK 356
HAMPTON ROADS
WHITEHURST
276
96
GARNER 25 S
WAVERLY
ECLIPSE 16
NORFOLK-22 50H L S-269(118.3,126.18)
NORFOLK 239 (116.1)
VA. 2 D.A.
NAAS. MONOGRAM 45
FRANKLIN 30H
NAS. NORFOLK (EAST)-15 43H L S-323 (142.74) (SEAPLANE)-2870
VIRGINIA BCH.
NAAS. OCEANA-20 60H L S-3295 (142.74)
SO. NORFOLK 36 S
PUNGO 25H
D.A.
SUFFOLK 50H
DEEP CREEK 10
CUMBERLAND
NAAS. FENTRESS-16 25 H
D.A
352
44
6
314
OVER
• DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' BOUNDARIES.
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

OREGON

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS. OF OPER., REMARKS
PORTLAND	[illegible]	SBRAZ-DTV	(3);116.1,122.1
Portland AAB	278 (126.18, 118.3)+	AC(ILS);171°,3.1	(4); 142.74,122.5,118.3, 126.18
WILLAMETTE FM	(- -)	FM,176°,20.6	Portland

WASHINGTON

BOEING AIRPORT (Seattle)	278 (126.18, 118.3)	AC;296°,2.8	(4);118.3,126.18,140.1 122.5
HOBART FM	(- -)	FM;88°, 15	Seattle
LAKEVIEW FM	(- - -)	FM;175°,25.5	Seattle
McCHORD (Tacoma) (Army)	272 (DTA)	BMRL;26°,1.7	
McChord Field	396 (126.18)+	CA(ILS-W)	(3); 116.1, 126.18
SEATTLE (Boeing Arpt)	260(SA)(116.1)	SBRAZ-DTXV	(3);116.1,122.1
SEATTLE NAS(Navy)	532 (WN)	MH	(4) cont.
Seattle NAS	230 (142.74)	CN(GCA)	(3);142.74 (8-sunset)
WASHOUGAL FM	(-)	FM, 63°,17.5	Portland,Ore.
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.

NEW RADIO FACILITIES

LA CENTER-WASH FM	(- - - -)	FM: 331°, 12	Portland,Oreg.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
McCHORD, (A)	109.9	333.8	337°	IM- (0.24)	MM- ·····(0.95)	OM- - -(4.44)
					MMK-	OMK-
PORTLAND AAB	109.9	333.8	113°	IM-	MM- - - (0.52)	OM- - -(4.81)
					MMH-	OMK-219 ····

S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Aurora Flight Strip	1.6 NNW,hwy W	196	41h	
Barrett-Schuler (Woodburn)	See Schuler Fld under "New Airports" - name changed.			NNE.
Bernard(Beaverton)	1.4 NNW,RR S	208	18 S6	80,90 oct.
Canby	0.5 NNW	150	17 S1	80 oct.Pwr line NE,SW
Columbia Co.(Scappoose)	1.2 NE,RR W	55	40h L S6	80 oct,Port rnwy lgts. Pole line N, NW.
Dwyer Landing Field (Portland)	7 SE,RR NW	200	16	Obsts ENE,WSW.Ditch around strip
Green Acres(Mulino)	1.9 SSW,RR W	269	18 S4	73,80 oct.No sto,Obst
Hillsboro	2.4 ENE,RR S	200	41h L5 S6	73,80 oct,No sto. SSE.
(NG,N) PORTLAND AAB	5 NNE,riv N	19	55h R3 L6	Poleline W,lgtd.NATS.
(NG)Portland Birdsdale	8.5 E,RR N	220	23 S6	80,91 oct.
R.O.K. (Gresham)	2.2 W,RR S	285	26 S5	73 oct.No sto.Pwr line E
Sky Park (Oregon City)	2.7 SE,RR NW	440	27 S6	80 oct.P-line S. ENE.
Sportsman Arpk. (Newberg)	1 E,riv SW; RR N	173	23 S2	Ltd 80 oct.Trees NNE.
Troh's Skyport (Portland)	6 E,riv N	250	26 S6	80,91 oct.
Troutdale	1 NW,RR S	34	46h L3 S6	73,80 oct.

AIRPORTS — WASHINGTON

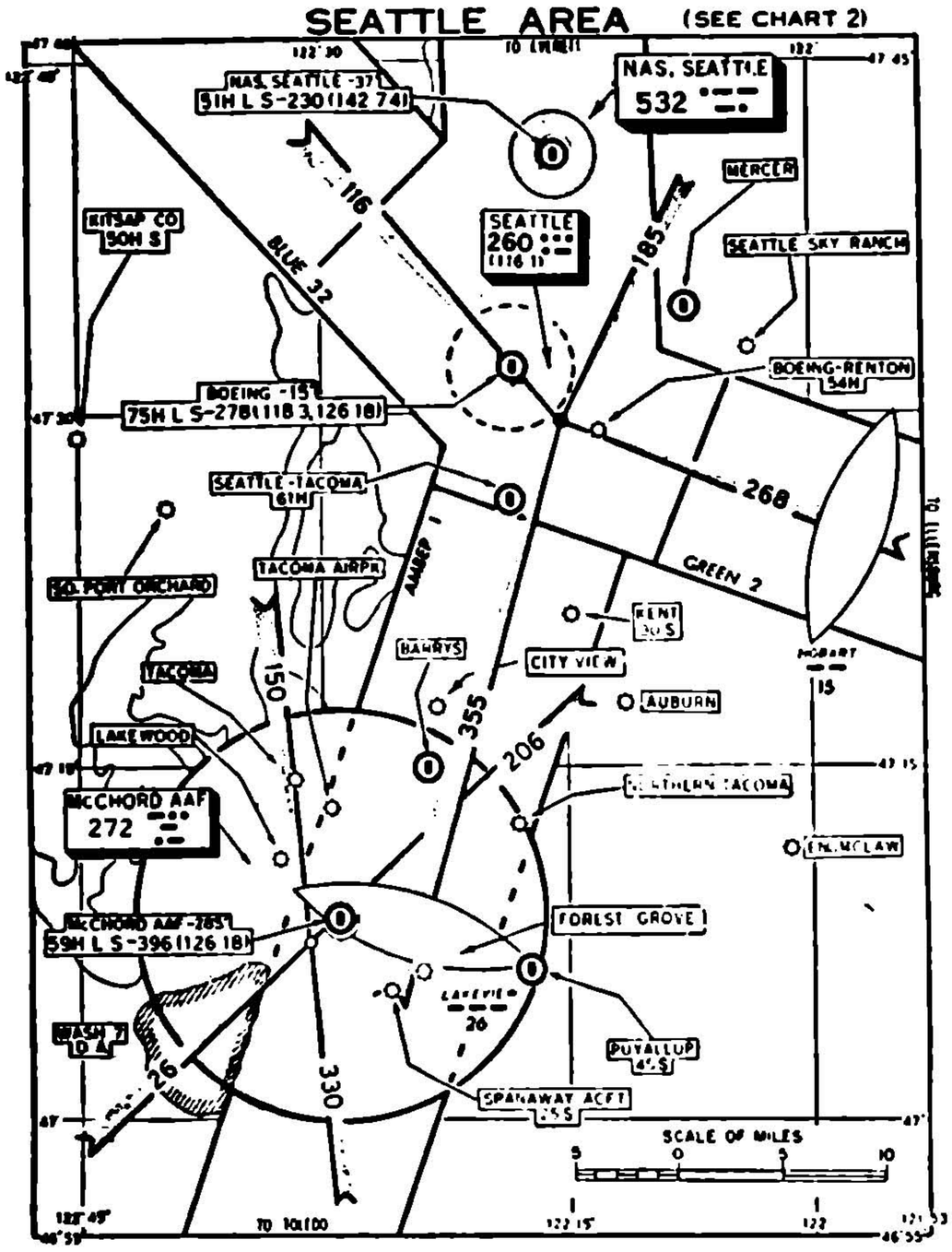
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Barrys Sky Harbor (Tacoma)	2.3 ENE,riv SW	4	21 S3	80 oct.Pole line E.
Boeing-Renton (Renton)	0.9 NW,lake N	32	54h L5	Lgts prior req.
City View Arpk. (Tacoma)	4.5 NE	350	18	Pole line SW.
Enumclaw	1.5 WSW,hwy E	740	20 S2	Ltd 80 oct.Pwr line E.
Forrest Grove (Spanaway)	1.8 E,RR E	340	30 S6	80 oct.
Groves (Camas)	2.8 N,hwy E	350	16 S1	Ltd 80 oct, Lake SW.
Kent	1.5 SSW,riv N	30	30 S6	80 oct.
(P)KING CO.-BOEING (Seattle)	See Boeing under "New Airports" - name changed.			
Kitsap Co.(Bremerton)	8 SW,hwy NW	482	50h L5 S6	80,91 oct.No sto,Lgts on req.
Lakewood (Tacoma)	7.5 SSW,RR E	243	22 S1	80 oct.Trees ENE,WSW
(A)McChord (Tacoma) (A)	7 SSW,lake SE	265	59h R3 L5 S6	73,91,100 oct.JP-1. FOREIGN CLEAR.STN
Mercer (Seattle)	9.5 E	345	22h S6	80,91 oct.Tie-down sto.
Northern Tacoma (Puyallup)	1.3 N,RR N,S	20	19	Rdo repairs.Rnwy data unver.
Puyallup	6 S,hwy W	520	45 S6	80,91 oct.Rnwy data un-
R.C. Sugg (Orchards)	3.6 SSE,hwy S 6.8 E Vancouver	310	26 S6	80 oct. ver.
Seattle Sky Ranch (Issaquah)	1.6 NNW,hwy S	50	25 S6	80,91 oct.No sto.Hill S.
(N)Seattle NAS (N)	6.5 NNE,lake E	37	51h R1(L6)S6	91,100 oct. NATS
Seattle-Tacoma (Seattle)	10.5 S,RR E	405	61h	Trees and hills sur.fld.
South Port Orchard (Port Orchard)	7.5 SSW,lake S	350	19 S4	80 oct.No sto.Trees N, S.
Spanaway Aircraft Co.(Spanaway)	1.2 SSE,RR S	375	25 S6	80,100 oct.P-line S.
Tacoma	4.4 W,hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk. (Tacoma)	2.9 WSW,RR E	250	20 S4	80 oct.Sharp drop W edge fld.
Vancouver	1 SE	26	19 S6	Ltd 80 oct.No sto.
Vancouver, mun.	6.7 ENE	240	26 S1	80,91 oct. Hwy W.

NEW AIRPORTS

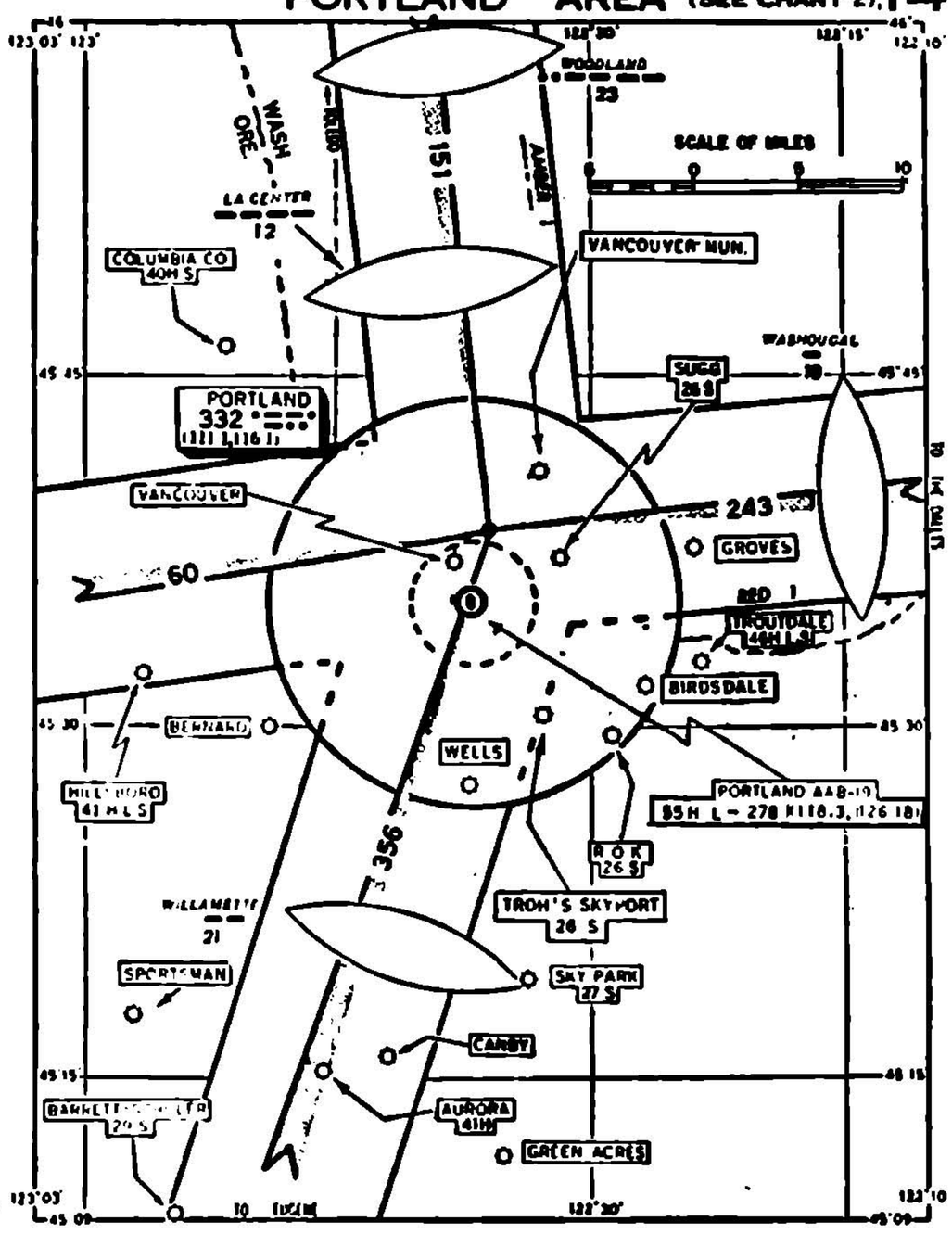
Wells (Milwaukie, Ore.)	1.3 NE; RR W	158	17 S1	80 oct.
(P) BOEING, (Seattle,Wash.)	6 S;riv SW	15	75h R2 L5 S6	80-100 oct.No sto. ARPT OF ENTRY.
Schuler Fld (Woodburn,Ore.)	2.8 WNW;RR E	208	29	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iv)) NC-(not charted). → NEW OR REVISED DATA

SEATTLE AREA (SEE CHART 2)



PORTLAND AREA (SEE CHART 2)



Directory of Seaplane Bases and Anchorages

CITY - AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
		CALIFORNIA		
(N) Alameda NAS (N)	4.5 WNW	S.L.	211 R1 L5 S6	73,91,100 oct.Ramp, tractor.
Lakeport, Clear Lake	E of Lakeport	1325	Unl.	Buoy.
Oakland	6 S	S.L.	S4	Ramp;beach,haul-out Data unve
(N) San Diego NAS (N)	4.5 WSW	S.L.	106 R1 L S6	87,100 oct.Ramps;haul-out.
(CG) San Francisco CGAS (CG)	9 SSE	S.L.	132 L5 S6	91,100 oct.Ramps; all facs.
(N) San Pedro NAS (N)	2 ENE	S.L.	Unl. L1 S4	73-100 oct.Ramps; all facs.
➤ Sausalito	Just E	S.L.	Unl. S4	80,91 oct.Data unver.
		CONNECTICUT		
➤ Cromwell	0.8 S;Island S	2	65 S4	80 oct.Float;ramps;buoys; tractor;boat;beach.
Greenwich	0.8 S	S.L.	Unl.	PRIVATE.Ramp.Congested
➤ Norwalk,Streycks Floating	1 S	S.L.	50 S1	80 oct.Boat;float; harbor. ramp; winch.
Stamford,Cove Flying School	1.6 E;dam SE	S.L.	38 S1	80 oct. Float.
➤ " Flying School	1 SE	S.L.	Unl S1	80 oct.Beach;boat;ramp;dolly
Stratford,United Acft.Corp.	2 SW	6	53	PRIVATE. Ramp
➤ Westport	1.5 S;bridge 0.8 N	S.L.	50 S6	80 oct.Buoy;ramp;mar rwy;
➤ Windsor Locks,Conn.Valley	2.5 S		158 S4	80 oct.Hi-tension wires N.Clsd winter.Winch;dolly. Data unver
		DIST. OF COLUMBIA		
(N) Anacostia NAS (N)	2.4 SE Monument	8	106 S4	87-100 oct.Ramp;all facs prior req.
		FLORIDA		
Avon Park, Lake Lotela	2 SE;RR SW	100	66 S1	80 oct. Beach.
(N) Banana River NAS (N)	11 SE Cocoa	S.L.	116 L S6	87,98 oct.Ramps;all facs.
Bradenton	Adj N	1	Unl. S1	73 oct.;80 oct.on req.Ramp;
Clarcona, Hidden Acres	1.5 WNW	90	30 S6	80 oct. Data unver. float.
Daytona Beach, Bob Orrell	2 N	S.L.	264 S4	Ramp; float.
Daytona Beach, Raymond's	1.5 N	S.L.	Unl. S6	80 oct.;91 oct.req.Ramps; piers; boat. Data unver.
Fort Myers, Gulf Airways	2 N	S.L.	Unl. S4	80 oct. Ramp; all facs.
(N) Jacksonville NAS (N)	7.2 S	S.L.	Unl R1 L5 S4	91,100 oct.Ramps; all facs.
➘ Jacksonville, Riverside	Adj city	7	Unl S1	80 oct.Beach.Data unver.
(N) Key West NAS (N)	7 ENE	S.L.	130 R1 L S6	91,100 oct. Ramps;buoys.
Lakeland, Mun.	Adj NE	145	Unl S1	80 oct. Data unver.
Lake Worth, Mun.	Adj city	S.L.	100 S6	80 oct.Ramp;beach.Obsts E Data unver.
Leesburg, Hal Hoover's	1 N	15	Unl S1	80 oct.Ramp;beach;dock Data
Melbourne	Adj S	S.L.	Unl S1	80 oct. Float. unver.
Miami, Chalk's	2 E;causeway N	S.L.	Unl S4	80 oct.Bch;rps;winch.ARPT OF ENTRY. ARPT OF ENTRY.
(CG) Miami,Dinner Key CGAS(CG)	2.5 SE	S.L.	150 L3 S4	100 oct.Ramps;haul-out.CLSD.
➤ Miami, E.Coast Avia.Service	8 NNE	S.L.	132 S4	80 oct.Ramps;buoys. Obsts.
Miami, Embry Riddle	2 E;causeway S	S.L.	65 S4	80 oct. Ramps.
Miami, Miami Aviation Center	8.5 N	S.L.	Unl S1	80 oct. Data unver.
➤ Orlando, Davis	3 NNW	90	80 S1	80 oct. Ramp; dock.
Orlando,Orlando Avia.Co.Club	5 N	90	60 S1	80 oct.Ramp;beach.Data unver.
➤ Orlando, Raymonds	2.5 WSW on lake	90	60 S6	80 oct.Float.Twr N.Data unver.
(N) Pensacola NAS (N)	5.3 SW	S.L.	116 R1 L1 S6	87-100 oct.Ramps;all facs.
(N) Pensacola,Bronson NAAS (N)	12 WSW	S.L.	Unl.	INACTIVE.
St. Augustine	Adj SE	S.L.	Unl S1	80 oct.Float;beach; dolly.
St. Petersburg,Albert Whitted	0.75 SE	S.L.	Unl. S6	80,91 oct. Data unver.
(CG) St.Petersburg CGAS (CG)	2.5 E	S.L.	Unl L S4	80-100 oct.Ramps.
St.Petersburg,James Johnstone	7 W	S.L.	Unl S6	80 oct.Ramp;all facs.Data un-
St. Petersburg,Pinellas Co.	11 NNW	S.L.	Unl S1	80 oct. Data unver. ver
Tampa,Peter O.Knight	4 S;arpt N	S.L.	Unl S4	80,91 oct.Ramps;beach;all facs
Titusville	Adj NE	S.L.	Unl S1	73 oct.80 oct.on req.Data unver.
West Palm Beach, Midet	1 N	S.L.	158 S4	80,87 oct.Ramps;all facs.ARPT OF ENTRY.
		IDAHO		
Coeur d'Alene ,G.I.Fly.Svc.	0.7 S	2140	Unl S4	Buoys;ramp;beach;boat.
		ILLINOIS		
Alton, Clifton Terrace	3 W		53 S1	80 oct. Data unver.
		INDIANA		
Leesburg,Tippecanoe	3.5 E;W end lake		211 S4	80 oct.No sto.Data unver.
		IOWA		
Davenport,Elliot Fly.Service	Adj S	550	50 S1	80 oct.

CITY - AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
		KENTUCKY		
Louisville, Thompson	In town; bridge W		Unl.	S side Ohio River.
		LOUISIANA		
Shreveport,Cross Lake	5 NW	170	100 S4	80 oct.Dock;ramp.Data unver.
Westwego, May Brothers	1 E	S.L.	53	PRIVATE.
		MAINE		
Bangor, Down East	3 NE		106 S4	80 oct.No sto.Ramp;float;beach Data unver.
Bath, New Meadows	2.3 WNW;RR S	12	60	Beach.N,S approaches blckd.
Boothbay,Frank L.Sample,Jr.	On water front	S.L.	Unl S1	Ramp; float.
Brunswick,Riverside Arpk.	1 WNW;RR S	60	58 S1	80 oct. Beaching.Hwy S.
Dexter, Heart of Maine	0.5 N	433	40	Buoys;boat.Trees N,S,W.
Eagle Lake	3.8 N	574	70 S1	80 oct. Obsts.
Eastport	1 W	S.L.	Unl.	Ramp.
Fryeburg	2 E	358	120	Trees encircle lake.
Greenville,Moose Head Lake	0.6 NNW	1028	50 S4	91 oct. Ramp.
Greenville Jct,Squaw Mt.Inn	1.5 N	1028	52	Buoy;boat;beach;float.
Madison, Tomlinson	6.8 NE	330	158 S6	80 oct.Boat;beach;ramp;all facs
Naples	0.5 NNW	267	160 S1	80 oct. Boat.
Portage,Portage Lake	0.4 WSW	609	160 S4	80,91 oct.Beach;boat.
Shin Pond	0.7 SW	900	60 S1	80 oct.Buoys;beach;wharf.Obst.
Winthrop,Inland Fish & Game	2.7 NNE	212	127 S1	80 oct.Buoys;beach;float
		MARYLAND		
(N) Annapolis NAF (N)	1 E	S.L.	Unl S2	Ramp;haul-out;buoys.
Baltimore,Middle River	10 E	S.L.	Unl.	
➤ Baltimore	6 SE;bay E	S.L.	100 L1 S1	80,91 oct.100 oct.prior req. Floating logs & debris.Ramps;
Glen Burnie-Whipp	1.5 E	50	100 S6	80 oct.Ramp. float.
➤ Ocean City	1 N	S.L.	40	Beach;ramp.
(N) Patuxent River NAS (N)	2.9 NE Jarboesv'l	S.L.	Unl. R1 S4	91,100 oct.Ramps;buoys.
		MASSACHUSETTS		
Agawam	1 SSE	30	100 S6	80 oct.Ramp; all facs.
Beverly,Jubilee Yacht Club	Adj S	S.L.	105 S1	Beach;dock. Avail.May-Oct.
Chatham	Adj W	S.L.	33 S2	Ramp;dolly;buoy.
Fall River	2 E	131	119	Data unver.
➤ Gloucester	0.8 SW	S.L.	Unl S4	80 oct.No sto.Float;buoys;boat
Holyoke,Smiths Ferry	4.5 N	100	95	Obsts NE,SW.
Lawrence,Merrimac Valley ➤ Skyport	3 W	50	57 S6	Boat. No sto.
➤ Lowell	1.7 W	80	74 S1	80 oct.Buoy;boat;floats;mar. rwy; dolly.
➤ New Bedford	2 S on cove	S.L.	Unl. S4	80 oct.Buoy;boat;ramp;winch;
(CG) Salem CGAS (CG)	2.5 E	S.L.	150 S4	91,100 oct.Ramps. dolly.
➤ South Hadley	1.4 WNW	100	75 S1	80 oct.Beach;boat;ramps;dolly.
(N) Squantum NAS (N)	0.8 W	S.L.	Unl S4	73-100 oct.Ramps;buoys;haul-
Swansea,Swansea Boat Yard	2.5 SSW	S.L.	211	Float;buoys;beach. out.
		MICHIGAN		
Algonac	2.8 W	574	50 S1	73 oct.
Bay City,James Clements	3.7 S	580	35 S4	80 oct. Data unver.
Comstock Park,Grand River	1 S		50	Data unver.
Curtis,Ostrander's Forest Inn	1 N		Unl S1	80 oct.Moorings Data unver.
Detroit, Motor Boat	6 ENE	575	Unl S1	Dock. Peach Island S.
Detroit Seapl.Patrol Base Inc.	4 ENE	575	Unl S1	73 oct.Dock.Belle Island S.
Iron Mountain,Lake Antoine	1 NE		Unl.	Beach. Data unver.
Kalamazoo,Austin Lake	8 SSE;RR E	855	100 S4	80 oct.Boat;beach;tractor.
North Muskegon,Interstate	0.3 S	581	100	Ramp; boat; dolly.
Old Mission	Adj E	581	120 S1	80 oct.Beach. Data unver.
St. Clair Shores, Jay Bee	Adj.		Unl S1	80 oct.Ramp.Data unver.
Trenton, Hance	5 NNE	574	Unl S1	73,80 oct. Beach; ramps.
Whitmore Lake	1 NNE	894	84 S4	Beach;boat;ramp.
		MINNESOTA		
Bemidji, Moberg	1 NNE	1350	Unl S6	80 oct.Ramp;motor boat;dolly.
Ely	1.5 W	1337	110 S2	80 oct.Ramps;dock.
Little Falls,Scenic Airways	0.5 N	1110	35 S1	80 oct.Ramps;beach. Poles S.
Marcel, Ranier	0.5 E	1300	30	Trees around lake.
		MISSISSIPPI		
(CG) Biloxi CGAS (CG)	2 ESE	S.L.	54 S4	91 oct. Ramp.

R-radio facilities. L-lighting facilities. S-servicing. (See page IV) ➤ NEW OR REVISED DATA N.B. Seaplane bases and anchorages are not charted or indexed.

CITY - AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
MISSOURI				
→ Linn Creek, Strutman	7 NE;bridge 1 NE	658	1[08] S4	80 oct.Ramp,mar.rwy.Sur hills cause up-,down-drafts.
→ St.Louis,Petty Marine	1 E;bet bridges	390	53 S4	73,80 oct.Ramp;barge;no hangar.Bridges N.S.Float debris.
NEW HAMPSHIRE				
Alton Bay,Interstate Arwys	Adj N	504	Unl S1	80 oct.Ramp;buoys;wharf.Data
Hooksett	2 S	2	80 S6	80 oct.Beach;ramp; tractor.Unver
Lakeport, Paugus Bay	1 NE	504	100 S4	73 oct.Beach;boat;ramp
The Weirs, Weirs	0.3 SE	504	210 S4	80 oct. Ramps
Wolfeboro	0.5 SE	504	180 S1	80 oct.Boat; wharf
Wolfeboro,Lakes Region	2.7 W	504	60 S1	80 oct.Ramp; all facs
→ Wolfeboro,Lake Winnepesaukee	3 WSW	504	60 S1	80 oct Data unver
NEW JERSEY				
(CG) Cape May CGAS (CG)	2 NW	S.L.	60	Ramp;haul-out;buoys.INACTIVE
Little Ferry	0.5 E;bridge N	5	40 S6	80 oct.Boat;ramp;tractor
→ Perth Amboy	0.5 SE;bay 1 S	S.L.	100 S4	80 oct.Ramp;floats;dock;winch;
Ridgefield Pk,Mellor-Howard	1 S	5	35 S4	80 oct Ramp;all facs dolly
" Lambrose Air College	0.5 S	5	40 S4	80 oct.Boat;ramp;winch
Secaucus, Dawn Patrol	0.5 N;bridge SW	5	50 S2	73 oct. Winch
NEW YORK				
Alplaus, Wells	0.5 SW	200	50 S4	80 oct No sto Ramp Hi-line E.
Athens	Adj E		Unl S1	73 oct.Float.Data unver
Babylon Skyport	1.5 SW	S.L.	Unl S4	80 oct Ramps;boat
→ Brooklyn, Parkway	4 SSW;Coney Isl. 1.5 S	S.L.	80 S1	80 oct.Ramp;dock;winch;dolly
→ Brooklyn, Skyport	5 SE;Floyd Bennet 2 SE	S.L.	40 S4	80,91 oct.Ramp;float;boat;dolly
Buffalo	7.3 NW	570	103 S6	80 oct.Ramps; all facs
Cooperstown, Otsego	Adj NNE	1194	Unl S1	80 oct.Float;ramp;buoys;winch
Dobbs Ferry	0.5 SW	5	100	Mar.rwy;ramp;winch;float
Eagle Bay, Adirondack	0.3 S	1707	70 S1	80 oct Beach.
Kingston, Aero Lake	3.7 SSE;RR W	220	32 S4	80 oct. Trees sur lake
Lake George, Hall's	0.5 E	330	52 S1	73 oct.Ramp; all facs.
→ Long Beach,No.Long Beach	0.2 N;bridge SW	S.L.	80 L S4	80 oct.Ramp;float;dolly;winch; Portlane lgts prior req
Montauk Yacht Club	2.5 NE	S.L.	Unl S1	87 oct.Buoys;floats Avail May-Oct.
→ New York, Cater-White	2 NG.Wash.Brdg	S.L.	Unl S6	80 oct.Floats Data unver
" Gulf Downtown Skyport	3 SSW; Brooklyn Bridge NE	S.L.	80 S4	91 oct.Ramp;turn-table;boat
→ " Gulf Midtown Skyport	1 SE;creek ENE	S.L.	80 S1	80,91 oct.Floats;dock;barge;
" Evers	11 NE;brdg SSW	5	70	Ramp;buoy;boat;winch boat
(N) " New York NAS (N)	11.8 SSE	S.L.	100 S4	73,91,100 oct Ramps;tractor
" La Guardia	5 E	S.L.	211 L1 S6	73-100 oct Ramps;winch;buoys.
→ Ossining, Pickair	0.5 W	3	Unl L S6	80 oct.Boat;ramp.Lgts prior req.
Oyster Bay,Cold Spring Harb.	2 E	10	50	Buoys;beach;boat;dolly
Piseco, Knox Bay	1.5 S	1661	163	PRIV Boat;beach;tractor
Port Washington,Grumman	1.5 NW	S.L.	158 S4	Ramps; alll facs
Rochester,Point Pleasant	6 NE	246	Unl S1	80 oct.Ramp;float;dock
Round Lake	0.5 E;RR S,W	188	48 S4	80 oct.Beach;boat;tractor
Sag Harbor	0.5 N	5	103	PRIV Ramp; tractor
Ticonderoga	3 S		Unl	Float;dock;beach Data unver
White Stone, Queens	1 N	S.L.	200 S4	80 oct. Ramp; dock
Yonkers	S end	S.L.	Unl S4	80 oct.Ramp;moor Clsd Dec 15-Mar 15
NORTH CAROLINA				
(CG) Elizabeth City CGAS (CG)	3.5 SE	S.L.	106 L1 S4	91,100 oct.Ramps; all facs
Elizabeth City,Harvey Point	13 S	S.L.	Unl	Ramps.
→ Manteo	1.5 NW;lighthouse NW	2	105 L S6	80,91 oct Flood,obst lgts Ramp; dock
→ Plymouth	2 W;Island N	6	40 S2	80 oct Ramp;dock.Logs in river.
OHIO				
Cleveland,Breckling Air Svc.	2.5 NE	573	30 S4	80 oct No sto Ramp;boat;buoy; Data unver
OREGON				
Ocean Lake, Devils Lake	0.7 E	S.L.	59 S4	80 oct No sto Beach;winch
→ Portland	6 SSW	10	32 S4	80 oct Ramps;boat;beach;winch
" Safley's	5 NNW	26	60 S1	Ltd 80 oct Ramp;beach;winch
PENNSYLVANIA				
Beaver	0.5 S	670	50 S1	80 oct Boat;beach;ramp;tractor
Coraopolis	0.5 N	675	50 S1	80 oct. Boat; ramp.
Edinboro	1.2 NNW	1200	Unl S1	Ltd fuel.Beach;boat;haul-out.
Harrisburg,Air-Harbor	1 SSW;bridge SE	300	30	80 oct.
Kittanning,Sedwicks	0.2 W	769	50	Float; beach; boat.
Milton	1.5 SW	440	50 S	Svcg from Milton Airport.
Oakmont	Adj NW	725	52 S1	80 oct. Float.
Philadelphia	10 SW	S.L.	Unl S6	80,91 oct.Ramps;all facs.
" Philadelphia Skyport	Ctr of city	S.L.	Unl S6	Boat;all facs.Data unver.
(N) " Mustin NAS (N)	4 S	S.L.	120 S6	87-100 oct. Ramp.
Pittsburgh, Buck's	At riv intxn.	715	70 S6	87 oct.Boat;beach;ramp;winch
" Dravosburg	5 SE;jct rivs	718	50 S2	80-100 oct.Ramp;float;boat.
" Highland	5 NNE	721	66 S6	80 oct.Ramp;all facs.Data unver.
Rochester	0.5 S	670	78 S1	80 oct. Float; boat.
RHODE ISLAND				
Newport	3 NW	S.L.	Unl	Ramps; buoys;boat
(N) Providence,Quonset Pt.NAS	16.5 S	S.L.	Unl L5 S6	91,100 oct.Ramps;all facs. (N)
TEXAS				
(N) Corpus Christi NAS (N)	9.5 SE	S.L.	Unl R1 L3 S5	91,100 oct. Buoys;ramps
→ Fort Worth	9 WNW;E shore	594	100 S4	80 oct.Docks;floats
La Porte,Fay Brothers	2 NE	S.L.	Unl S1	No sto Floats;mar rwy.Data unver.
VIRGINIA				
(N) Dahlgren NAF (N)	Adj SE	S.L.	S2	Ramp.
(A) Langley (A)	3 N Hampton	5	105 S2	Dock Clsd during icy period.
(N) Norfolk NAS (N)	6 N	S.L.	123 R1 L1 S6	87,91,100 oct.Ramps;all facs
(N) Quantico MCAS (N)	1 S	S.L.	180 S4	Buoys;boat;ramp.
WASHINGTON				
Bellingham	5 ESE	307	158 S2	73 oct.Boat;ramp;winch
→ " Lakeside Flying Service	3 E			ABANDONED
Bremerton	0.75 E	S.L.	211 S6	80 oct.No sto.Ramps;winch;hois
(N) " NAS (N)	0.5 S	S.L.	Unl S4	Ramp;buoys;haul-out.
Chelan, Air Harbor	0.8 W	1079	Unl S1	73 oct.Boat;beach;ramp.
Coulee Dam	3 ESE	1275	Unl S2	73 oct.Boat;beach;mar.rwy.
Longview,Sky Harbor	1.3 ENE	5	37 S1	73 oct.Float;beach.
(N) Oak Harbor NAS (N)	0.5 SE	S.L.	Unl R1 L4 S	Fuel,sto,Flood lgts prior req.
Oroville,Dorothy Scott	1.7 N	913	52	Boat; beach. Ramps;buoys
(CG) Port Angeles CGAS (CG)	2 NNE	13	Unl S4	Ramp; all facs
Port Townsend	Adj S	S.L.	150 S4	Ltd fuel. Buoys.
Prosser, L & D	1 W	632	76 S1	80 oct.Ramp.100' p-line WSW.
Seattle,Kurtzer Fly.Service	In city	S.L.	79 S4	80 oct.Ramps;hoist.
(N) " NAS (N)	6 NNE	36	300 L S6	87-100 oct.Ramps; all facs.
" Seattle Service	In city	20	53 S2	80 oct.Ramp; boat
Tacoma, Float Haven	0.7 NE;bridge SSE	S.L.	26 S1	80 oct.Ramp;floats;boat;winch.
Wenatchee	0.5 E	600	53 S1	73 oct.Boat;beach;ramp.
WEST VIRGINIA				
Charleston,Kanawha Fly.Sch.	Ctr of city	560	50 S6	80 oct.Boat;ramp;winch
→ Fairmont	City ctr,near brdgs	759	35 S4	80 oct.;91 oct.on req Float;boat
Huntington, Aero	3.4 ENE on Riv	540	Unl S6	Fuel
South Charleston	W of city	560	Unl S6	80 oct.Boat;ramp;winch.Data unver
→ Wheeling	0.5 W;bridges S	630	211 S6	80 oct.Boat;float;mar.rwy.
WISCONSIN				
Drummond,Smith Lake	9.5 W		30 S1	80,91 oct.Tie-down;dock;buoy Data unver.
Madison, Jackson	3 WNW	849	Unl S2	80 oct. Dock; float
Milwaukee	3 ESE;hwy W	585	185 S6	80,91 oct.
NEW AIRPORTS				

R-radio facilities. L-lighting facilities. S-servicing. (See page iv) → NEW OR REVISED DATA N.B. Seaplane bases and anchorages are not charted or indexed.

ARMY DATA: Advice covering Army fields or Army opers.on civil flds, or Army rdo facs, and also Air National Guard flds and facs. should be forwarded to Commanding General, ATC, Attn.: Flight Operations Div., A-3. Requests for approval of the closing of Army arflds or restrictions in arfld facs to trans.mil.acft for over 10 days should be forwarded to the same address for submittal to Hdqs AAF, as rqrd. Restrictions in Air Nat'l Guard Flds or facs will be forwarded to the N.G. Bureau thru the State Adjutant Gen'l for approval. That Bureau will forward approved restrictions to the above address for publishing. Information to be published will be coordinated and submitted to the C.A.A.

NAVY FACILITY DATA: In accordance with Hydrographic Office Memorandum ior Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/ground communications facilities, instrument approach procedures and navigational aids, should be directed to: THE DIVISION OF AIR NAVIGATION, HYDROGRAPHIC OFFICE, WASHINGTON 25, D.C., for transmittal to the C.A.A. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946 , approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF Regulation 85-2. The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 85-2 and AAF Regulation 85-2A, which state in part: "Except for those Army aircraft assigned to civil contractors or agencies under bailment contract, no Army aircraft will utilize civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Government, except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major air command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks section of AAF Form 23 that competent authority authorized use of such fields and will be transmitted in Remarks section of the flight plan as 'authorized flight'. All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters 'A, N, or P' in the Airman's Guide. It is the responsibility of the various air forces, major air commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation".

(2) Official Business: Within the meaning of AAF Regulation 85-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units or organizations at or near the airfield selected for landing for the purpose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

(3) Policy of Army Use of Temporarily Inactive Airfields. (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein (directory section only) by the following notice: "ARMY TEMP INACTIVE - CIVIL FACS." (b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned. Such airfields will be identified herein (directory section only) by the following notice: "TEMP INACTIVE - NO FACS". The aforesaid policy statement is not to be construed as countermanding any AAF Regulation or letters governing command use of municipal airports or Army airfields.

4. "CLOSED" Army Air Fields: Under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF, from time to time certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed as "CLOSED": Such as, (a) Fields closed to all transient traffic except on official business or in emergency; (b) Fields that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by the WAA. The listing "CLOSED" will appear in the directory section only. Airfields so designated will be used on official business only under written orders in each case.

MILITARY AND NAVAL LANDINGS IN NEWFOUNDLAND: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Field, Fla., Washington National Airport, D.C., or Westover Field, Mass. ALASKA - McChord Field, Wash., or Great Falls AAF, Mont. BERMUDA - Mitchel Field, N.Y.; Morrison Field, Fla., Washington National Airport, D.C.; or Westover Field, Mass. CANADA - Great Falls AAF, Mont.; McChord Field, Wash.; Washington National Airport, D. C.; Selfridge Field, Mich.; or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif.; Kelly Field, Tex.; or Morrison Field, Fla. CARIBBEAN - Morrison Field, Fla.; or Kelly Field, Tex. ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C., and Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

✓ PILOT PROCEDURES WITH FLIGHT SERVICE USING AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases. No change References: AAF Regulations 15-23 and 60-22. (2) Departure from non-AAF Bases. AAF aircraft departing from non-AAF bases will file a complete flight plan with, and secure approval from the nearest Flight Servi ce Center prior to takeoff, or as outlined in AAF Regulation 60-22. Communications with a Flight Service Center may be established by direct telephone to the center; or by a radio call to the nearest AAF Base or AACS Airways radio station. After obtaining the Flight Service approval, pilots contemplating flight under Instrument Flight Rule conditions will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA directly through CAA Communications facilities. If CAA Communications facilities are not available, however, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute. AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of Instrument Flight Rule (IFR) Flight Plan, or CFR to IFR, or IFR to CFR enroute. AAF aircraft requiring a change of route, altitude, point to first intended landing, cruising speed or alternate airport, or change from CFR to IFR or IFR to CFR enroute, will contact a CAA communications station for coordination and approval by CAA Airway Traffic Control and Flight

Service. If communications with CAA communications station cannot be established, AACS Airways radio station will be contacted for coordination and approval by CAA Airway Traffic Control and Flight Service. (5) CFR Position Reports. When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS Airway radio stations enroute and receive any necessary advisories from Flight Service (6) IFR Position Reports. When flying under IFR conditions, pilots will first make position reports to CAA communications stations as heretofore required by Civil Air Regulations and then to AACS Airways radio stations enroute, and receive any pertinent Flight Service Advisories. (7) Voice Calls. AACS Airways radio stations will be called by the location name followed by the word "airways" such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable An index of AACS Airways Stations within the U.S., together with a listing of the assigned frequencies, may be found on pages 94 and 95 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service	
A	116.10 mc.	CAA AIRWAYS (RANGE STATIONS)	* AACS Airways (Plan 62)
B	126.18 mc.	CONTROL TOWERS	
C	137.88 mc.	AACS AIRWAYS (PLAN 62)	* Control Towers
D	140.58 mc.	MILITARY EMERGENCY & GCA FINAL APPROACH CONTROL	

*Available for service indicated on a secondary basis.

(9) It will be some time before all AAF aircraft are equipped for operation on AACS Airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS Airways frequencies will contact airways stations whenever possible rather than AAF control towers. (10) The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington; Pittsburgh; New York; Boston	Olmsted Flight Service Center Middletown, Pa.	Steelton 93387 Steelton 93470
Jacksonville; Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4871
Memphis; New Orleans; Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery LD 89
Cleveland; Cincinnati; Detroit; Chicago; St. Louis	Wright Flight Service Center Dayton, Ohio	Osborn 88691, 88692
Fort Worth; San Antonio	Fort Worth Flight Service Center Fort Worth, Texas	Ft. Worth 77251
Denver; Minneapolis; Kansas City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 Denver LD 117
Los Angeles; Albuquerque; El Paso	March Flight Service Center Riverside, Calif.	Riverside 7107, 7108
Oakland; Salt Lake	Hamilton Flight Service Center Hamilton Field, Calif.	San Rafael 770 San Rafael LD-20
Great Falls; Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD 20 Tacoma LD 21

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc.band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

✓ CLEARANCE OF AAF AIRCRAFT IN NEW YORK CITY AREA: In accordance with AAF Letter 63-9 of March 3, 1947, with revisions thereto as approved by Headquarters AAF, the following instructions will govern the clearance of AAF aircraft to and from the New York City Area (encompassed by a 25-mile radius from the southern tip of Manhattan).

(a) FLIGHTS INTO THE AREA: AAF aircraft flying into the area may be cleared for any authorized field therein, but will in all cases secure in-flight approval from Flight Service by contacting Mitchel Airways prior to proceeding to the field of destination. AAF Form 23 will indicate a flight plan to the field of destination via Mitchel Field. Mitchel Airways will secure Flight Service approval of further clearance to other fields in the area under the conditions listed below only. If further clearance is refused, aircraft will land at Mitchel Field or at any other authorized field outside the area.
(1) CFR. When the ceiling is at least 2000' and the visibility is 3 miles or more.
(2) IFR. (a) When the visibility is not less than 1 mile and the ceiling is unlimited.
(b) When the visibility is not less than 2 miles and the ceiling is not less than 5000'.

(b) FLIGHTS OUT OF THE AREA: AAF aircraft departing from the area from fields, other than Mitchel, will be cleared subject to the conditions listed above for CFR and IFR clearances. AAF aircraft engaged in regularly scheduled transport flights under the operational control of the Air Transport Command are exempted from the above restrictions.

VHF CHANNEL ASSIGNMENTS:

Following are Army assignments:				Following are Navy assignments:			
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
A	116.1	H	134.10	1	116.1	6	134.64
B	126.18	U	108.3	2	140.56	7	143.64
C	137.88	V	108.7	3	126.18	8	142.02
D	140.58	W	109.1	4	128.70	9	142.74
G	137.70			5	143.28	GUARD	140.58

SELECTION OF WEATHER ALTERNATES BY ARMY PILOTS: In accordance with policy stated by the CG, AAF April 7, 1947, Army pilots are not to be refused IFR clearances because of selection of other than "A, N, or P" fields as an alternate. The selection of an alternate airport is a planned procedure to be resorted to in case of emergency and any suitable airport, military or civilian, will be accepted for clearance purposes. Concerning this policy, it is pointed out that pilots who do utilize other than "A,N,or P" fields under such circumstances may be called upon to justify their use of same.

✓ SCHEDULED AACS WEATHER BROADCASTS ON 4765 KCS: In the near future, scheduled weather broadcasts over AACS "Airways" stations on 4765 kcs. will be instituted. Broadcasts will be made over the AACS "Airways" radio stns located at the nine Flight Service Centers in accordance with the time schedule listed below. Deviation from the time schedule shown will be made only in the event that emergency communication is in progress between aircraft and "Airways" stns in which case weather will be broadcast at the alternate time shown. Acft in communication with "Airways" stns at time of schedule bdcst will be requested to stand by unless pilots indicate communication is in emergency.

AACS Station	Sched.	Alternate time	AACS Station	Sched.	Alternate time
Olmstead	H+35	H+55	Patterson	H+43	H+03
McChord	H+35	H+55	Hamilton	H+43	H+03
Fort Worth	H+38	H+55	Lowry	H+50	H+10
Maxwell	H+39	H+59	MacDill	H+50	H+10
March	H+39	H+59			

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

NO AIRCRAFT LANDINGS TO BE MADE IN NATIONAL PARKS: The Department of Interior has issued the following regulation: ". . . No person shall land aircraft on land or water, on any Federally-owned area within any national park or monument, except for emergency rescue in accordance with the directions of the officer in charge of the park or monument or where such landing is caused by unforeseeable circumstances beyond the control of such person, other than at one of the following designated landing areas: (a) Mount McKinley National Park, Alaska. (1) McKinley Park Station Airport; (2) The surface of Wonder Lake. (b) Death Valley National Monument, Calif. Death Valley Arpt.; (c) Glacier Bay National Monument, Alaska. (1) Gustavus Point Airport; (2) The waters of Bartlett Cove, Sandy Cove, and Icy Strait in the vicinity of Gustavus Point Airport. (d) Jackson Hole National Monument, Wyo. Jackson Airport. (e) Boulder Dam Recreational Area, Ari z. and Nev. (1) Boulder City Mun. Airport; (2) The entire surface of Lake Mead"

OLD PILOT CERTIFICATES MUST BE EXCHANGED: All pilot certificates issued prior to July 1, 1945, will expire July 1, 1947. Such certificates may be exchanged for new-type certificates at any time prior to their expiration date.

PERSONAL POSSESSION OF PILOT CERTIFICATE: No person shall pilot a civil aircraft within the U.S. unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

PART 43 OF C.A.R. REVISED: (1) Section 43.51 has been amended to read as follows: "43.51 Requirements for first solo. A student pilot shall not operate an aircraft in solo flight until: (a) he has passed a written examination on pertinent provisions of Part 43 and those of Part 60 dealing with contact flight rules; (b) he has been found competent by a flight instructor to make such flight and authority therefor has been endorsed by such instructor on the student pilot certificate, and (c) he has been given instruction in recovery from stalls and spins, if such solo flight is made in a spinnable aircraft.

(2) Paragraph (b) of Section 43.52 has been repealed

NOTICE TO ALL FLYING PERSONNEL: Because of the increase in aircraft operations, both civil and military, in recent months, the number of complaints regarding airplane noise nuisance has reached such proportions that the advancement of aviation and development of new airports are in danger of being severely retarded. To reduce the number of such complaints, it is requested that the following practices be put into effect by all fliers: (1) Discontinue all unnecessary low flying. (2) When weather and traffic volume permit, increase altitudes of all traffic patterns that require flight over inhabited areas. (3) Re-route channels of approach and departure to avoid residential and business districts whenever possible. (4) If the airport is located near inhabited areas, reduce power and increase pitch of propellers as quickly as possible during take-off so as to keep engine and propeller noises at a minimum. (5) Keep rpm's set at a minimum required operational setting when low flying over populated areas is necessary.

RADIO TELEPHONE-OPERATION AUTHORIZATION: This is the simple way in which an authorization to operate a radio telephone transmitter in an aircraft is obtained: the applicant appears in any of the Federal Communications Commission field offices, or before any CAA flight examiner of the CAA, who has been designated by the FCC to issue the permits, proves he is a United States citizen, that he has need of such an authorization, and that he understands the few simple rules and regulations. He is given a card granting the authorization then and there. FCC offices are listed under U.S. Government in phone books, and there are some 30 of them throughout the country. Mostly, they are in downtown offices. There are more than 1,000 CAA designated flight examiners. Mostly they are located at airports. The "examination", if it may be so described, consists of a few questions establishing the ability of the applicant to transmit and understand spoken messages in English, and to understand the simple rules governing the use of such equipment. He is al so given simple, printed instructions for its use. (See page 172)

NEW PRIVATE FLIER VHF FREQUENCIES: All CAA Communications Stations and Towers are discontinuing receiving watches on 131.7 and 131.9 mcs. as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs for transmission to CAA Communications Stations and 122.5 mcs for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs. but the communications stations program is not fully effective yet because of non-receipt of the new receivers.

CAA Communications Stations normally reply to itinerant aircraft on the voice feature of the range, low frequency or VHF, whichever is applicable. Replies are made on 111.1 mcs if VHF reply has been requested on other than range frequency. CAA airport control towers will reply to itinerant aircraft on one of the frequencies 118.3,118.5,118.7, or 118.9 mcs in addition to tower's low frequencies. See individual data pages in AIRGI for inclusion of these frequencies as commissioned.

U.S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour (which are the scheduled broadcast times) to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it i s suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmission.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Revised arrival, departure, holding, instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area. Non air carrier pilots proposing instrument flight through this area or to or from Newark, Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, N. Y., for copies of applicable Operations Letters describing these procedures.

CRASHED OR STOLEN AIRCRAFT: An 8A, Luscombe, NC 71621, was rented from the Clearwater Flying Company at Drew Field, Tampa, Fla. on Feb. 27, 1947. The plane was never returned. Advice concerning the plane's whereabouts should be directed to either the Clearwater Flying Co., or to National Retailers Mutual Insurance Co., 7450 Sheridan Road, Chicago 26, Illinois.

AERONAUTICAL CHART AND PUBLICATIONS CORRECTIONS: Correct Flight Information Manual, Vol. I, No. 2, Chapter VI, page 44, by changing the call letters of Westport, Wash., from NOV to NMW.

Correct T.O.-08-15-I, page 52, by showing Lawson Radio Range, Ga. as guarding 3105,4495,6210 kcs and with scheduled weather broadcast at 29 minutes after the hour

24 hrs. daily; page 22, by showing Radio Range Station Class for Mitchel Field, N. Y. as SBMRAZ; pages 98 and 99, X-Band Radar Beacon List, by showing Farallon Island X-Band radarbeacon as temporarily discont.; by showing "continuous" under operating hours for Moffett rather than Point Cabrille, Calif. (Both are temporarily discontinued); by showing geographical position for Morrison Field as 26-41-12 N, 80-05-36 W; by showing Patuxent River, Md. with operating agency of USN rather than USCG; by showing geographical coordinates for Deer Island, Mass. as 42-21-01 N, 70-57-32 W; by showing geographical coordinates for Grosse Ile, Mich. as 42-06-00 N, 83-10-00 W; by showing hours of operation for Folly Island, S.C., as continuous; by showing Chincoteague, Va. as temporarily discont. and geographical coordinates as 37-54-31 N, 75-23-52 W; by showing Whidbey Island, Wash. hours of operation as cont. rather than "Intermittent, test installation"; by adding the following X-Band Radar Beacon Station: Serial No. 812, Location: St. Joseph, Mo.; Geographical Position: 39-46-11 N, 94-54-05 W; Code: 1-1-2; Operating Agency: American Airlines; Operating Hours: Cont.; Remarks: East side of field; by showing geographical position for San Luis Obispo, Calif. as 35-09-37 N, 120-45-35 W; page 28, Cheyenne Chart, by showing the procedure turn to the N of the W leg rather than to the S as now published.

Correct U.S. Army Air Forces Pilots Handbook, Page AL-447-A, instrument low approach chart for Westover Field, Feb. 14, 1947, by showing as obsolete and should be destroyed.

WEATHER REPORTING SERVICE

Weather Reporting Station	Type of Station	Lat., Long.	Elevation	Effect. Date
Kremmling, Colo.	Supplementary			Closed
East Portal, Colo.	Supplementary			Closed
Cedar Rapids, Iowa (Mun. Airport)	Supplementary	41°53',91°42'	860'	To be opened approx. 4-27
Alliance, Nebr. (AAF)	Supplementary	42°03',102°48'	3927'	Opened approx 4-1-47
New Orleans, La. (Alvin Callender Arpt)	Supplementary	29°50',90°00'	4'	Opened 4-9
New Orleans, La. (Arpt)	Supplementary	30°02',90°01'	6'	Opened 4-9

NOTE: Terminal forecasts became available for Santa Maria, Calif. (Hancock Field).

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage in the "Airman's Guide, full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields, and before taxiing and taking off, should be on the alert for, and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest or Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons indicate suspension of CFR traffic.

AIRPORT AND RADIO NOTICES

LEGEND

** - New or revised airport, danger areas, or miscellaneous data to be inscribed on charts or added to records.

- New or revised radio data to be inscribed on charts or added to records.

FOREIGN DATA

FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, U.S. CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES, CANADIAN REGULATIONS, FLIGHT INTO PANAMA CANAL ZONE: These procedures and regulations were all incorporated into the Flight Information Manual, Volume 1, No. 2, dated Jan. 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the Airman's Guide.

CAUTION ADVISED IN USE OF GUATEMALA-HONDURAS AREA AERONAUTICAL CHARTS: Flight checks have revealed that elevations indicated on Gulf of Fonseca (710) Aeronautical Chart covering the Guatemala-Honduras-Nicaragua Area, dated Dec. 1946, are as much as 4300 feet too low. This chart base is being thoroughly rechecked and a new chart will be issued as soon as possible.

AFRICA-Dakar Weather Broadcast: Effective 0620Z GCT, March 24, 1947, station WFG commenced broadcasting Dakar METAR hourly at 20 minutes past each hour on 3285 kcs., A1 emission.

BERMUDA-Somerset NAS Radio Facility: Somerset, Bermuda NAS transmissions air ground CW 3285 kcs. were discontinued April 3, 1947.

BRITISH WEST INDIES: Goat Island, Jamaica Coast Guard Radiobeacon: The Coast Guard Radiobeacon at Goat Island, Jamaica, has been discontinued.

Kingston, Jamaica, Montego Bay Airport: Montego Bay Airport is a British-controlled airport now under limited operation by Pan American Airways. It is necessary for all flights departing from Montego Bay for points in the U.S. to file flight plans with the Kingston ATC through the Kingston Communications Station - call letters MRX. Flight plans also must be filed for all flights departing from U.S. for Montego Bay. They may be filed for transmission to Montego Bay through the CAA-operated Overseas Foreign Aeronautical Communications Station at Miami - call letters WBR, or New Orleans - call letters WEK.

Kingston, Jamaica, Palisadoes Airport Facilities: The Palisadoes Airport is a British Government controlled airport. The Government controlled tower transmits on 397 kcs only, and guards 2870, 3105 and 6210 kcs. It is necessary for all itinerant flights coming to Palisadoes to file Flight Plans from point of departure to the Communications Station at Kingston - call letters MRX. This Flight Plan should be marked for Information: Palisadoes Airway Traffic Control. The route frequency of 6515 kcs. A3 emission is guarded at MRX. They have a good signal on this frequency and can be read consistently throughout the day and night in the Caribbean Area. Flight Plans may be filed for transmission to Palisadoes through the CAA operated Overseas Foreign Aeronautical Communications Station, WBR, Miami.

Trinidad Naval Communications with Commercial Aircraft: Effective March 24, 1947, and until further notice, Trinidad NAS guards 6515 kcs. voice continuously, transmitting and receiving, for communications with commercial aircraft.

Trinidad, Carlsen Field-Edinburgh (North): Runway closed to all Navy traffic except in emergency. Use Xeres (South) runway.

CUBA: Guantanamo Naval Communications with Commercial Aircraft: Effective March 24, 1947, and until further notice, Guantanamo NAS guards 6515 kcs voice continuously, transmitting and receiving, for communications with commercial aircraft.

MEXICO: Mexican Entry Fees: At Mexican Airports of Entry, charges include an overtime fee of 30 pesos after 12 noon for Immigration Inspection and a fee based on

a full day's wage for each inspector involved for each 3 hours of overtime or fraction thereof after 2 P.M. for a Customs Inspection. Charges may also be made for a Customs guard to watch the plane and for the taxi fare to bring inspectors to the field after 12 noon. In American money total fees may approximate $15 to $20.

PUERTO RICO: San Juan Naval Communications with Commercial Aircraft: Effective March 24, 1947, and until further notice, San Juan NAS guards 6515 kcs voice continuously, transmitting and receiving, for communications with commercial aircraft.

San Juan Pre-Flight Clearances: San Juan Civil Air Terminal (U.S. Naval Air Station), Isla Grande Airport, San Juan, Puerto Rico - All civil operations at San Juan Air Terminal were assumed by the Puerto Rico Transportation Authority effective 0000 local time, March 4, 1947. Advance authority must be obtained for landings at this airport prior to the commencement of any flight. Address requests to Airports Division, Box 3508, San Juan, Puerto Rico. Cable address is "Autoritan".

San Juan, P.R., Losey Field: May 1, 1947, Puerto Rico Transportation Authority will take over the operation of Losey Field at Ponce. Operations at this field are restricted except in emergency to the southernmost 150' of the E/W runway - several bad holes on the northern half. NW/SE rnwy closed. Field available to daylight CFR operations only. (4-25)

DOMESTIC DATA

ALABAMA

BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans acft. (1-9)

★BATES FLD (MOBILE)-RADIO: Apr 20, CAA twr comm. See page 128.

BIRMINGHAM ARPT-Closed to civil acft not equipped with operating rcvr. No landings on sodded areas. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling rnwys. No maintenance. (3-21)

**BREWTON (OLD) ARPT-ABANDONED.

BROOKLEY FLD (MOBILE)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Soft-use rnwys, taxi strips only. No 91 oct. (10-4)

CAMP SIBERT AAF (ATTALLA)-CLOSED TO ALL ACFT.

CENTRE ARPT-In wet weather, avail. lgt acft only. (12-16)

COLUMBIANA ARPT-N end strip rough, rocky. (12-16)

CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Bndry lgts inop. (11-12)

DANNELLY FLD (MONTGOMERY)-NE taxi strip closed (parked acft)(8-12)

EUTAW ARPT-Use NW/SE strip only. (4-17)

EVERGREEN-RADIO: Recomm of MH fac indefinitely postponed. (4-25)

**FURNISS AAF (SELMA)-ABANDONED.

GUNTER FLD (MONTGOMERY)-Use rnwys only. Sod areas adj rnwys and taxi strips soft. Use Maxwell Fld for trans svcg. (1-10)

HARTSELLE ARPT-Graded area rough. Fld soft in wet weather. Use W side of strip. (3-3)

**HENDERSON ARPT (SELMA)-ABANDONED.

**HUNTSVILLE-Mortar and bombing range has been estab approx 7 mi SW within the following described area: beginning at lat. 34-36-00, long. 86-41-30; N to lat. 34-42-00, long. 86-41-30; W to lat. 34-42-00, long. 86-44-30; SE to point of beginning.

MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel rnwys. (10-17)

★MOBILE-RADIO:] Stn gds 3117.5 kcs 0001 to 0800 daily. (4-21)

**MOLLETTE ARPT (SELMA)-ABANDONED.

ALABAMA

MOTON FLD (TUSKEGEE)-Soft spots after heavy rains. (2-18)

NAPIER FLD (DOTHAN)-Avail. civil acft in emerg only. 175' water tank obst lgt inop. (1-12)

VAN DE GRAAFF ARPT, SITE 59, FV-AG (TUSCALOOSA)-Extreme NW and SW ends fld soft in wet weather. (1-23)

ARIZONA

ASHFORK INT, SITE 36A, LA-AQ-Center 100' of strips rough, rocky, bal fld hazardous due to grass and hills. (3-4)

COCHISE INT, SITE T-3, PH-EO-Rough, tall grass off strips-usable with ctn. (2-14)

DAVIS MONTHAN FLD (TUCSON)-E fld cl osed-acft parked on rnwys. Blinding ceilometer projector W end fl d half way between ends of NW/SE, E/W rnwys. Rnwys 17-35 closed from May 5 to 12; Rnwy 12-30 closed from May 5 to June 5. During above periods,pilots land at own discretion during high winds; during high winds 20 mph or above, fld will be closed to all lgt acft, C-45 or below. Equip. 600' E Rnwy 12-30, 600' S rnwy 8-26, lgtd. (4-25)

DEEP LAKE INT, SITE 54A, LA-AQ-Soft. Fld hazardous use in emerg only.(3-4)

DOWNTOWN ARPT (TUCSON)-Rnwy 30 will be lgtd ngtly for 2 weeks per month from 1600 to 2300 for pilot training. Only obst lgts are those in line with lgtd rnwy. All ngt training flights will operate S of arpt. (2-3)

FLY FLD (YUMA)-800' traffic pattern all rnwys. Avoid local traffic days. Parking rstd to W side fld. (3-22)

FT. APACHE ARPT (WHITE RIVER)-Use strips with ctn in wet weather. (3-31)

GILA BEND-RADIO: 116.1 mc transmitter temp inop. (3-28)

KINGMAN AAF-No inst flights cleared to Kingman. No obst lgts atop Haulpai Mt. (8500' MSL) 11 mi S. (3-10)

LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. No ngt opers. (3-13)

LUKE FLD (PHOENIX)-Traffic di rection indicator on second hangar from N inop Traffic direction indicator S end N/S rnwy free-swinging. (1-7)

NOGALES INTERNATIONAL ARPT (NOGALES)-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (1-13)

PHOENIX-Inst train. on Phoenix Range between 5500' and 9500'.

RYAN FLD (TUCSON)-Use rnwys only, bal fld soft in wet weather. Washes N edge. (1-20)

SKY HARBOR ARPT (PHOENIX)-Area E of N/S rnwy closed (rough). Neon approach lgts to be installed in conjunction with ILS. (3-4)

THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft).

TONOPAH INT, SITE 31, LA-PH-About May 1, will be perm discont. Bndry lgts, lgtd windcone will be extinguished and mrkrs rmvd. Bcn will cont in oper with course lgts changed from green to red. (3-31)

TUCSON ARPT-Trans acft desiring to use fld after 2100 will give 2 hrs advance notice in order that lgts may be turned on. (2-24)

WILLIAMS FLD (CHANDLER)-Use rnwys only.

WINSLOW ARPT-E end E/W taxi strip beyond first tie-in closed. (1-30)

ARKANSAS

BIGGERS ARPT-Use strips only - cattl e on fld. (4-25)

EL DORADO-RADIO: Ctn - VHF rng unmonitored. (4-10)

EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only.(1-10)

ERWIN FLD (NEWPORT)-Use rnwys only-cattle on fld. (4-25)

FORT SMITH ARPT -Taxi strips connecting E/W rnwy with Admin Bldg closed to all acft of 5000 lbs or more. W end NE/SW rnwy from intersection W closed, mrkd. Bndry lgts this area inop. (4-6)

GRIDER FLD (PINE BLUFF)-Closed ngts. (3-11)

HELENA-2 unlgtd 405' twrs crossing Miss River at S edge City. (11-7)

HOPE ARPT-Use rnwys only. (4-9)

JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)
LEVEE FLD (WEST MEMPHIS)-Ctn when wet. (9-23)
★LITTLE ROCK-RADIO: Stn guards 3117.5 kcs. 2200 to 0600.
LUXORA INT, SITE 39, NO-LS-30' unlgtd pole line being erected S end N/S rnwy. (9-27)
MANILA ARPT (BLYTHEVILLE)-Use SW quarter of fld only. (4-25)
McGEHEE ARPT-Cattle on fld intmtly. (9-6)
★McLAUGHLIN ARPT (HOT SPRINGS)-RADIO: Mobile Army twr transmits on 4220 kcs and receives on 4495 kcs only. (4-3) FLD: Rot. bcn in cont oper. Rnwy lgts on prior req. (4-8) Use ctn when landing and taking off. Soft sod in wet weather. Army crash fire protection avail. 0900 to 1700 Mon thru Fri.; or other hrs on prior req. only. (4-3)
MILLTOWN ARPT (NEWPORT)-Use rnwys only-cattle on fld. (4-25)
PINE BLUFF-RADIO: Ctn-VHF rng unmonitored. (4-10)
THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only, soft and rough. (3-17)
WALCOTT FLD NO. 3 (WALNUT RIDGE)-Use rnwys only-cattle on fld. Soft-heavy acft use ctn. (4-25)
WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only. Equip. on fld. Closed 1730 to 0800. NE/SW rnwy closed. (3-17)

ALAMEDA NAS-Maintain high approach on Rnwys 26L and 21. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Equip. adj to and on rnwys. Fld on positive control. (4-16)
ARCATA-RADIO: Change of freq of UAL operated MRL range to 209 kcs indefinitely postponed. (3-24)
ARCATA ARPT-Clsd to acft without 2-way radio. Use surfaced areas only. (3-25)
AUBURN PEAK, BCN SITE 103 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
BAKERSFIELD-KERN CO. ARPT-Unlgtd 92' pwr line 1/2 mi N of bndry. (2-21)
BAY MEADOWS ARPT (SAN MATEO)-Const on rnwys and taxiways until approx July. Rnwy 31 usable in all weather for acft up to 2500 lbs. Taxiways clsd during wet weather, and should only be used with ctn during winter months. When taking off on rnwy 31, make a climbing turn of 45° to the right after crossing 19th Ave. but not lower than 200'. When landing acft turn off rnwy toward nearest taxi strip. No taxiing back on rnwy. (2-21)
BECKWOURTH ARPT-Ctn during winter, soft, rough. (2-17)
BLYTHE AAF-Obst lgts atop control twr inop. (2-28)
BORDERLAND FLD (SAN YSIDRO)-Target drone Unit 36 conducting flights between 0900 and 1600. (1-21)
BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs)
BURBANK-LOCKHEED AIR TERMINAL-Right traffic use Rnwys 7, 15; left traffic use Rnwys 25, 33. Approach lgts Rnwy 7 changed to red. 2-way radio rqrd all acft. Rnwy 13-31 closed (parked acft)(1-31)
CAL AERO ARPT (ONTARIO)-Use rnwys only (parked acft)(3-24)
CANNON FLD (FRESNO)-Will be perm closed Apr 30. (4-3)
CASTLE FLD (MERCED)-No opers office. (3-24)
CATES, BCN SITE 234 MI BLINKER, SF-SA-Bcn inop. (2-17)
CLEAR LAKE SEAPLANE BASE-Avail. in emerg only. (6-11)
COALINGA ARPT-NW 1500' NW/SE runwy rutted. Shoulder adj to inside of rnwy avail. for taxiing. Left traffic at 500'. (2-17)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)
CORCORAN-135' unlgtd twr being const adj Santa Fe RR, downtown Corcoran. Upon completion will be 148' high and lgtd.

COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (2-27)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs)
DEATH VALLEY NATIONAL MONUMENT (FURNACE CREEK)-All traffic away from mountain side of strips regardless of wind. (2-20)
DEL MAR ARPT-Right traffic at 600' with prevailing westerly winds. (3-3)
DESERT CENTER INT, SITE 17. LA-PH-E/W strip emerg use only. (3-31)
DONNER SUMMIT-RADIO: Rng flgt-checked Apr 29, SE course displaced 19° E, bear. 299°, SW course displaced 6° N, bear. 54°. These data rcvd too late for ⓘ symbol.
EL CAJON ARPT-Right traffic when landing and taking off to the E. (3-26)
**EL CENTRO-Danger Area approx 18 mi NW has been redefined as follows: beginning at lat. 32-55-45, long. 115-49-30; SE to lat 32-51-00, long. 115-46-45; S to lat 32-50-05; W to long. 115-55-00; N to lat 32-55-45; E to point of beginning.
EL CENTRO-Obst lgts atop S and W range twrs inop. (1-9)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (12-11)
★EL TORO MCAS (SANTA ANA)-RADIO: Navy GCA sys avail. No weather minimums given. Avail. on 30-minute notice. (4-25) FLD: Fld carrier landing practice Rnwy 25L. Trans acft use Rnwy 25R when practice in progress. (11-15)
★FAIRFIELD-SUISUN AAF-RADIO: Effect. Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24). Army rng unreliable, use for homing only. Army ILS inop. (3-13) Army GCA sys operates on 3117.5 kcs in addition to freqs previously published. (4-15) FLD: First 1000' Rnwy 25 open to acft days and CFR opers only. (3-13)
GARY FLD (BLYTHE)-Use rnwys only (parked acft)
GILLESPIE MCAAF-Use E/W rnwy only. Right traffic when landing and taking off to the W. (3-26)
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. Closed ngts (lgts inop)(1-28)
HAMILTON FLD (SAN RAFAEL)-RADIO: Effect. Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Exten to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off the the NE-right when landing or taking off to the SW. All flying under supervision of airport manager at all times. (3-19)
HASTER FARM OLF (GARDEN GROVE)-Closed to all civil. acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Arpt. (3-26)
HOBERG ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)
HOLTVILLE ARPT-Closed - emerg use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil. acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (1-13)
LINDBERGH FLD (SAN DIEGO)-Acft departing for or arriving from Mexico land at Lindbergh Fld for customs clearance. (1-29)
LIVERMORE NAS-Avail. emerg use only. (10-1)
LIVERMORE SKY RANCH ARPT-Avail. only lgt acft, all acft in emerg. (2-18)
LOCKHEED AIR TERMINAL-See Burbank.
LONG BEACH ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (3-20) FLD: Ltd maintenance and only 100 oct avail. Army acft. (2-28)
LOS ALAMITOS NAS (LONG BEACH)-Closed 1630 to 0800 except in emerg or by prior arrangement. (4-9)

LOS ANGELES-RADIO: Range fl ight-checked Apr 15, courses correctly aligned. Occasional course displacement observed-use only when acft equipped with ADF for course monitoring. (2-24)

LOS ANGELES ARPT-RADIO: Lclzr and glide path of CAA ILS shut down for cons const. Outer mrkr inop being relctd 6 mi from end of Rnwy 25. Middle mrkr will be relctd 0.64 mi from end of Rnwy 25 soon. FLD: Unlgtd oil derricks on appch to Rnwy 34. E/W paved strip S side fld avail. taxing only. N side fld under const. Equip. on fld. All landings, take-offs and taxiing rstd to paved areas. Rnwys Rnwys 11-29, 4-22 closed. Obst lgtd atop 40' pole 350' S of twr inop. (1-22)

LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl Area from 2000 to 2300 daily. (7-26)

LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA May not be avail. on short notice due to congestion in anchorage area. Two hrs advance notice should be gi ven if possible. (7-1)

MACHADO ARPT (SANTA MARIA)-Use strip only. (2-23)

MARCH FLD (RIVERSIDE)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 7-25 closed-avail. on twr permission only. (1-9)

MARTINEZ-Unusable during rainy weather. (2-24)

MATHER FLD (SACRAMENTO)-Use rnwys only-mat unserviceable. (1-29)

McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip. and parked acft adj all rnwys and taxiways. Shoulders,unsurfaced areas unsafe.(12-26)

MERCED MUN. ARPT-Daylgt oper of bcn is to warn local and trans acft of approaching airline acft. (3-23)

MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil acft except in emerg. or by approval of the CO, NAS, Los Alamitos. (4-9)

MODESTO ARPT-Range lgts being installed across rnwy ends. Const and soft spots, mrkd. Will be completed approx May 1. (3-28)

**MOFFETT NAS-LTA (MOUNTAIN VIEW)-RADIO: Navy GCA weather minimums
** now ceiling 100', visibility 1/2 mi. (4-25) FLD: Hi-intensity rnwy lgts comm. (4-18). See page 70. Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. (12-20)

MOJAVE NAS-Closed to all traffic except acft on off. bus. (2-1)

MONTEREY PENINSULA ARPT-Right traffic Rnwys 24, 28; left traffic Rnwys 6,10. (2-25)

MUROC AAF-RADIO: Army range unreliable and to be used for homing and training purposes only. (2-18) FLD: Lctd within a danger area. No facs 1900 to 0700 or Suns. Closed to all trans acft except on written permission Commanding Gen'l. Air Materiel Command, Acft will not carry trans passengers to this fld. (3-7)

NEWHALL-RADIO: Soon, range and voice commun fac on 209 kcs will be shut down for equip. changes. (4-2)

OAKLAND ARPT-Naval acft avoid fld except on off. bus. Rock surface area between E and W taxiway and rnwy 27R avail. lgt acft. Take-off from center of area, adhere to instructions issued by twr. Taxiway leading from rnwy 33 to ramp at Navy Terminal closed. Equip. on grass area W of rnwy 24 ngts. Area under const, mrkd. No gas or maintenance facs avail. 1800 to 0800 except in emerg. Ltd gas, maintenance facs 0800 to 1800. Closed to civil. acft except on authority Arpt Superintendent. Rnwy 6-24 avail. lgt acft-avail. heavy acft for taxiing only. Equip. on N taxiway and E approach to Rnwys 27R and 27L. (2-25)

O'BRIEN, BCN SITE 21B, SF-SA-Soon, bcn site, 15-1/2 mi NNE Redding, Calif. will be perm discont. (12-14)

O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only: strip muddy when wet. (2-24)

OXNARD FLIGHT STRIP (OXNARD)-Use rnwys and shoulders only. Taxiways and bldg area closed. (2-20)

PALMDALE-RADIO: About Apr 30, SW course will be realigned to 43°. (4-3)

PALM SPRINGS ARPT-Right traffic, all take offs and landings on rnwys 31, and 35. Rnwys 17 and 12 usual left. (2-25)

PASO ROBLES-RADIO: About May 5, courses of VARW range will be rotated 7° counterclockwise. Visual courses will be: 138°, 318°; aural courses: 48°,228° (4-22)

ROCKLIN, BCN SITE 93, MI BLINKER, SF-SL-Will be perm discont soon. (11-22)

SACRAMENTO ARPT-Use rnwys, taxi strips only-shoulders and fld soft. Unsafe small acft-rough. (2-21)

SAGE, BCN SITE 114, MI BLINKER, SF-SL-Will be perm discont soon. (11-22)

★SALINAS-RADIO: Apr 19, teletype and weather service comm 24 hrs daily. Soon, low freq stn will become a BMRL-DT fac, transmitting on 266 kcs, and VHF fac will become BVAR fac, transmitting on 109.1 mcs. Stn will transmit also on 111.1, 116.1, mcs and guard 3105,4495,6210,3117.5 kcs., 116.1,122.1 mcs. Courses aligned by ground check onl y. At present stn opers without voice feature. VHF rng courses flgt-checked Apr.23,correctly aligned.

SAN BERNARDINO CO. ARPT (DAGGETT)-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. Areas immediately outside bndry lgts utilized for sto. Remain on rnwys unless in vcnty of bldgs N of intxn Rnwys 3,7. (3-13)

SAN DIEGO-Ngt fighter train. being conducted within the following described areas: (a) a sector of a circl e with radius of 40 mi centered at lat. 32-54-30, long. 117-07-24 extending clockwise between lat 32-20-00, long 117-03-20 and lat 33-18-20, long. 117-37-30, excluding those portions which lie within the confines of civil airways and S of the U.S.-Mexico bndry. (b) a sector of a circle with radius of 40 mi centered at lat. 32-54-30, long. 117-07-24 extending clockwise between lat 33-23-30, long. 117-29-30 and lat. 32-50-30, long. 116-26-30, excluding those portions which lie within the confines of civil arwys

SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800' Traffic pattern may be entered at any point at any angle not greater than 45° Landing will not be made without passing thru Point Love (black and orange checkered buoy) unless directed by twr. Pt. Love (black and orange checkered buoy) is lctd on traffic pattern 1.5 mi S of Hotel Del Coronado. Acft crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibious Train. Base at an alt of less than 1500'. Multi-engine acft land on heavy duty rnwys, single-engine acft on asphalt mat. (12-5)

★SAN FRANCISCO ARPT-RADIO: Appch control procedures comm Feb. 10. (3-18). FLD: Avoid rnwy, taxiways shoulders. Turf area closed. unmrkd.hazards. Use rnwys, taxiways. Rnwy 14-32 closed. (1-20)

SAN FRANCISCO CGAS-Seaplane harbor, channel and landing area unmarked day or ngt. Facs avai l., but unmrkd. Seaplanes landing can be taken care of either at Coast Guard or PAA (3-22)

SAN MATEO ARPT-Const. Avail. lgt acft only. (2-24)

SAN NICOLAS ISLAND OLF-Use in emerg only (caretaker status-no facs)

SANTA ANA NAS-RADIO: Navy range inop. Freq. will be changed to 359 kcs about Apr 30. These data rcvd too late for (R) symbol.

SANTA BARBARA ARPT-Approach and ctc lgts Rnwy 15-33 inop. Equip. on rnwys. Closed to gl ider opers. (1-16)

SANTA MONICA ARPT-CLOVER FLD-Avail. trans acft with 2-way radio.Clsd ngts and to all student pilots. (1-10)

SHASTA SKY RANCH ARPT (FALL RIVER MILLS)-Ctn when wet. (2-24)

SHERMAN FLD (WALNUT CREEK)-Surplus Acft Sales Center-parked acft.

SHERWOOD FLD (PASO ROBLES)-40' unlgtd tension wires E end E/W strip. (3-17)

SILVER LAKE INT, SITE 18, LA-SL-E quarter fld rough. (3-24)

★STOCKTON-RADIO: VHF voice fac comm at commun stn. Transmits on and gds 116.1 mcs cont. Adtnl VHF voice fac avail. on 111.1 mcs.See page 68.(4-26)

STOCKTON ARPT- Rnwy 4-22 closed.Taxi lgts inop. No 100 oct. (4-22).

SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Operations Officers NAAS Ream Fld. No communications at landing strip.(12-5)

[redacted]

TERMINAL ISLAND NAAS (San Pedro)-About May 1, 1947 no svcg avail. trans acft except in emerg. Trans acft not cleared after sunset. (4-22)
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (3-7)
TRUCKEE INT, SITE 16B, SF-SL- 1 to 3' snow on fld. (1-28)
VAN NUYS METROPOLITAN ARPT-Avail. civil. acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without radio may enter providing previous arrangements have been made with twr. (12-5)
VENTURA CO. ARPT (OXNARD)-Bcn. bndry, obst lgts inop. Battery operated, port. rnwy lgts avail. ngts in emerg or by prior arrangement. Const equip. on fld 0700-1600 daily except Sunday. Areas under const flagged. Use paged rnwys and taxiways only. (2-20)
VERNALIS FLD-CLOSED (1-14)
VICTORVILLE AAF-Use rnwys 16L-34R, 7R-25L, 3R-21L only. (2-10)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (3-25)
WARM SPRINGS ARPT-Heavy acft avoid fld during rainy weather. Glider opers with plane and auto tows. Tall grass and equip. on fld. (3-14)

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BUCKLEY FLD (DENVER)-RADIO: 126.18 mc transmitter temp inop. (4-7) FLD: No lgts, messing, transportation or lodging facs. (4-5)
CRESS FLD (WESTCLIFFE)-Use rnwys only. (2-19)
FLAGLER ARPT-20' hangar under const E side fld. Avail. ski-equipped acft after heavy snow. (2-19)
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)
GRANBY ARPT-Ctn from Nov. until April-snow. (10-17)
LOWRY FLD (DENVER)-Equip. on fld 0800 to 1700, Mon thru Fri. (4-11)
PINE VALLEY ARPT (COLORADO SPRINGS)-E rnwy of parallel N/S rnwys closed-being widened to 300'. E/W rnwy avail. between mrkrs only. Heavy const. equip. on fld days. Use rnwys only. (11-2)
PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat 38-17-28; S by lat 38-16-19; W by long 104-18-38; E by long. 104-17-40.
PUEBLO ARPT-Rot. bcn atop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW/SE rnwy unlgtd. NE end NE/SW rnwy designated as calm wind rnwy. Tetrahedron modified to automatically choose the calm wind rnwy when wind velocity below 7 mph. All acft land, take-off according to the tetrahedron. (3-24)
RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)
ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (fone lines). (1-15)
RUSTON FLD (DENVER)-Strips soft during wet weather. (1-18)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.
SKY RANCH ARPT (DENVER)-Right traffic Rnwys 26,30,36; left traffic Rnwys 8, 12,18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (3-27)
TRINIDAD ARPT-Strips avail. lgt acft. (2-21)
WALKER FLD (GRAND JUNCTION)-Filled ditches both sides of taxi strip extending from NW/SE rnwy rough and soft. (4-2)

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••BRADLEY FLD (WINDSOR LOCKS)-Bcn comm Apr. 14, 1947.
BRAINARD FLD (HARTFORD)-Equip. on fld intermittently. 300' bldg under const. 1-1/2 mi NW of fld bndry, close to NW leg Hartford Range. Flood lgts N end N/S rnwy inop. (4-8)
★BRIDGEPORT-RADIO: Range oper. by American Airlines comm at lat 41-12-30, long. 73-04-15. Courses: 51°,135°,231°,324°. See page 50

[redacted]

BRIDGEPORT ARPT-Use rnwys only. (3-27)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N and S ends of fld and on taxiway between fld and shop. (4-21)
HAMMONASSET FLYING FLD (MADISON)-Use NE/SW strip. E/W strip avail. in emerg only (bldgs & hedges on W bndry). (4-21)
••HARTFORD-RADIO: NE course realigned to 244°. Gnd checked only. These data rcvd too late for Charts, Data Page and ⓪ symbol. Auto. rng monitor. sys inop.
KINSLEY FLD (SOMERS)-Temp closed-avail. emerg use only. (4-21)
NEW HAVEN ARPT-Avail. days only. Use rnwys only. No lcl take-offs or landings during airline arvls and dptrs when signalman displaying red flag stationed at approach end of rnwy being used. (4-21)
SOUTHINGTON ARPT-Right traffic when taking off and landing to the E and SE. (4-25)
STEPHENSON ARPT (BRISTOL)-S 350' N/S rnwy being graded. Equip. and rough area mrkd, bal rnwy avail. lgt acft. (4-21)
WATERBURY ARPT (PLYMOUTH)-Muddy with scattered puddles-avail. with ctn. Equip. on fld until approx Apr 30. (3-11)

[redacted]

NEW CASTLE CO. ARPT (WILMINGTON)-Use rnwys only. Equip. on fld days. (3-14)

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SPECIAL NOTICE-The Administrator of Civil Aeronautics has designated the Mt. Vernon National Monument a congested area. In accordance with C.A.R. 60.105 all acft will maintain at least 1000' over Mt. Vernon, lat 38-42-40, long. 77-05-30.
SPECIAL NOTICE-TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL ARPT, LAT 38-53-46, LONG. 77-08-05. (3-22)
ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of two hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (7-12)
BOLLING FLD (WASHINGTON)-Rnwys 10-28, 14-32 closed. Rnwy 17-35 closed to acft when weather minimums below ctc flgt minimums. Rnwy 2-20 avail. (3-12)
WASHINGTON NATIONAL ARPT-RADIO: GCA equip. operating on exper basis only. Cannot provide emerg landing service at this time. (4-8) Following instrument landing minimums have been established for all Army traffic except scheduled ATC flgts. Day and night: Form 8 white card holder 800' and 1 mile. Form 8A green card holder - 500' and 1 mile. Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only. (1-16) FLD: 315' twr Rdo Stn WOOK under const 7 mi NNE (10° true). (4-16) ARMY: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas flgts using customs and immigration clearance facs of aerial port of embarkation. (c) Flgts transporting VIP and General Officers above grade of Maj. Gen, as well as officials in similar or corresponding category of executive branches of Gov't who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area. Army acft landing this fld should taxi to new ATC Terminal Bldg N of Admin Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. GENERAL: Closed to acft without rdo. Stay on paved areas-shoulders soft. Equip. on fld. Parking area ltd-turf soft. At times pilots of priv acft will be unable to secure parking space. Lgtd trailer 500' W of centerline of N S rnwy at N end. (2-15)

[redacted]

ALBERT WHITTED ARPT (ST. PETERSBURG)-Bndry lgts operated sunset to sun-

rise. Rnwy smudge pots avail. on 1 hrs notice. Use rnwys only. (1-23)

**BANANA RIVER-Large ctn area has been estab. approx. 6 mi W of Melbourne (adj to Amber Arwy #7) within the following described area: beginning at lat. 28-15-00, long. 80-46-45; SE to lat. 27-00-00, long. 80-14-00; W to long. 80-37-30; thence along the shore of Lake Okeechobee at lat 27-12-00, long. 80-50-00; N to lat 27-14-00, long. 80-50-00 (Intersection of FEC RR); Northernly along FEC RR to lat 28-15-00, long. 81-04-15; thence to point of beginning.

BANANA RIVER NAS-RADIO: Navy exper. VHF rnwy lclzrs and various types of ILS operate intermittently day, night. Navy exper rdo bcn, 414 kcs, ident. "BR", A-2 and A-3 emission, oper intermittently, day, night. (3-27) FLD: Exper flgts conducted down to weather minimums of 300' ceiling and 1 mi visibility with ATC clearances. Heavy training traffic in both land and seaplane areas, day and ngt week days only. All civil. acft warned to stay clear of air space reservation which includes area 20 mi radius from the NAS.(3-12)

BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of five green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice. (4-10)

BOCA RATON AAF-Port floods avail. on 15 minutes notice. Stay on rnwys-: shoulders soft. (2-7)

BRONSON FLD NAAS (PENSACOLA)-Inactive-no facs. (4-9)

BROWN FLD (MIAMI)-N/S, NW/SE rnwys under const. (5-18)

BUNNELL ARPT-Cattle on fld. (2-13)

CEDAR KEYS ARPT-Use rnwys only. (1-27)

CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. (1-29)

CITY AIR PARK ARPT (PANAMA CITY)-NE/SW strip under const. Not to be used except in extreme high wind (short,wires at NE end). (1-6)

CRESTVIEW-RADIO: 116.1 mc transmitter and rcvr temp inop. (3-3)

CROSS CITY AAF-Livestock on fld. (4-14)

DALE MABRY FLD (TALLAHASSEE)-26' unlgtd bldg 900' NW of NW end NW/SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. Obst lgts atop 50' poles 500' E of N end N/S rnwy and white side of rot. bcn inop. (4-13)

DAYTONA BEACH ARPT-Lgtd tetrahedron S side fld unreliable. (4-11)

DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)

DREW FLD (TAMPA)-Use rnwys only. Equip. on fld days. Avail. to rdo rcvr equipped acft tuned to twr freq. (2-24)

**EGLIN FLD (VALPARISO)-RADIO: Army ILS to be reactivated soon. (3-18) FLD: Hydrographic signal 65' A.S.L., 11 3/4 mi, 133° true. Acft approaching fld will enter area along right edge of S leg Crestview Rng. (1)-Acft on CFR will fly 3000' or 500' below the ceiling, whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (10-29)

ELLYSON NAAS (PENSACOLA)-Inactive - no facs. (4-9)

FORMAN OLF (FT. LAUDERDALE)-Use in emerg only (caretaker status-no facs).

FORT LAUDERDALE ARPT-Const, grading of taxiways adj to N/S, NW/SE rnwys. Equip. crossing and working adj to these rnwys. (12-5)

GILBERT FLD (WINTER HAVEN)-Use rnwys only. (4-17)

HIDDEN ACRES ARPT (CLARCONA)-E/W strip avail. lgt acft. (1-20)

HILLSBOROUGH ARPT (TAMPA)-CLOSED. Sinkhole center of E/W rnwy 100' E of . ntersection center of fld. (1-23)

JACKSONVILLE ARPT-Operating of priv acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exception granted by Chief Arpt Traffic Controller. (3-25)

JACKSONVILLE NAS-Trans seaplane acft desiring ngt facs notify Jacksonville NAS 12 hrs in advance. Heavy equip. on fld days. (3-19)

KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)

KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT. (4-10)

LAKE BUTLER OLF-Cattle on rnwy. (1-27)

LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500' Prevailing wind E to SE. (1-22)

★LEE OLF (GREEN COVE SPRINGS)-RADIO: Navy GCA sys avail. on 15 minutes notice. (4-14)

LEESBURG AVIATION CENTER (LEESBURG)-Use rnwys only. (3-18)

MacDILL FLD (TAMPA)-RADIO: Effect Apr 25, oper of AACS operated HF/DF
** stn temp suspended until further notice. (4-24) FLD: Split type bcn is now in operation. (4-4). Rnwys 4-22, 13-31, 18-36 avail. Rnwy 18-36 closed ngts.(2-14)

MARIANNA ARPT-All rnwys usable days. NW/SE taxiway blocked by Gov't vehicles. Use rnwys only. (1-23)

MASTER OLF (MIAMI)-Closed thirty min after sunset until 0700. Extreme ctn - heavy traffic. Northernmost E/W rnwy closed (equip, parked acft). (1-8)

MAYPORT CGAS-Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status-no facs). Rnwys 32,36 under const-closed. (3-11)

MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22. (4-17)

**MIAMI-Large caution area approx 17 mi SW (7 mi W of Homestead) has been discont.

★MIAMI-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (4-24)

MIAMI INTERNATIONAL ARPT-AAF-RADIO: CAA twr transmits on and guards 121.9 mcs for mobile grnd traffic. (4-25) FLD: Domestic non-scheduled acft taxi to old Army Term Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Term. Trans International pilots advise twr before landing. Use rnwys only. Equip. on fld intermittently days. Obst lgts on pole lines adj Seaboard Airline R.R. Shops between N and S flds inop. All acft landing on E/W or N/S rnwys maintain sufficient alt to clear vehicular traffic on 36th St. and LeJeune Rd. No JP-1 fuel. (3-26)

MIAMI NAS-Acft remain on N leg Miami Rng for distance of 25 mi N of rng stn when passing Miami NAS. Stay clear of NW corner fld-fighter train. break-up area. Acft practicing touch and go landing ngts. Closed sunset to 0700. (11-15)

MORRISON FLD (WEST PALM BEACH)-RADIO: Effect Apr 25, oper of AACS operated HF-DV stn temp suspended until further notice. (4-24) Glide path transmitter being moved to lctn 1100' E of W end E/W rnwy, 400' S of centerline. Middle mrkr ident being changed to alt dots and dashes. (3-17)

NORTH PERRY OLF (HOLLYWOOD)-CLOSED-no facs. (10-28)

**OFF-SHORE STATE OF FLORIDA-Overwater bombing and strafing target approx. 55 mi E of Miami having a radius of 15 mi centered at lat 25-59-00, long. 79-08-00.

ORLANDO AAB-ORLANDO ARPT-122.5 mc rcvr inop while transmitting on VHF. (4-17) FLD: Closed to acft exceeding 50,000 lbs except for use alternate destination by scheduled air-carriers. North E/W, West N/S rnwys closed. No 91 oct. (3-12)

PAGE FLD (FT. MYERS)-NW/SE rnwy lgts, tetrahedron inop. (2-11)

PENSACOLA ARPT-Ext Navy train. thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (1-18)

PENSACOLA NAS-CHEVALIER FLD-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Disposition delivery acft land at NAS Chevalier Fld. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear. 34° NNW. Pilots desiring to land at Chevalier Fld ctc Pensacola Navy twr before entering traffic pattern. (4-9)

PETER O. KNIGHT ARPT (TAMPA)-Equip. on fld days. Sodded areas unsafe heavy acft. (1-18)

**PINECASTLE-Operational area 6 mi S of Orlando has been redefined as follows: beginning at lat 28-25-20, long. 81-05-15; thence along FEC RR to lat 28-00-00, long. 81-01-30; W to long. 81-30-00, N to lat 28-23-00; NE to lat 28-26-60, long. 81-20-00; thence counter clockwise along the arc of a circle with a radius of 5 mi centered at lat 28-32-30, long. 81-20-00; to lat 28-30-00, long. 81-16-15; thence to point of beginning.

**PLANT CITY ARPT-ABANDONED.

RICHMOND NAS-LTA-Use in emerg only (caretaker status-no facs).

ST. AUGUSTINE ARPT-All lighting facs inop. (1-25)

**SAUFLEY NAAS (PENSACOLA)-RADIO: Navy GCA weather minimums now ceiling 100', visibility 1/2 mi. (4-25)

SOUTH DADE CO. ARPT (HOMESTEAD)-Landing fee all acft. (3-12)

STENGEL FLD (GAINESVILLE)-Equip. on fld, mrkd. (5-24)

TAMIAMI ARPT (MIAMI)-CFR day oper. Landing fee only to acft carrying passengers or cargo for hire. Equip. on fld intermittently days. (3-12)

TAYLOR FLD (OCALA)-Use rnwys only. (1-23)

TYNDALL FLD (PANAMA CITY)-RADIO: Army range unreliable. (4-18)

★VERO BEACH-RADIO: Apr 22, freq of MH fac changed to 359 kcs. FLD: Closed to all civil, trans acft. Crash facs not avail. on line. (4-24)

WHITEHOUSE OLF (JACKSONVILLE)-Closed Sundays, used by model acft. Avail. in emerg only. (4-9)

WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction. Ctc twr before entering traffic pattern. (4-14)

WITHAM FLD (STUART)-Use rnwys only. (2-12)

GEORGIA

ALBANY ARPT-Use rnwys only. Wind sock atop bcn twr inop. (3-31)

**AMERICUS ARPT-ABANDONED. (4-2)

ATLANTA-RADIO: Soon, VHF range without voice will be comm at lat 33-38-22, long. 84-13-51. Freq. 109.1 mcs. Ident. "YD". Aural courses: 95°, 275°; visual courses: 5°, 185°. "N" signal to N. Blue sector to W, yellow to E. Will be operated cont on unmonitored basis. Will be unattended and should not be used for navigational purposes. (4-9)

ATLANTA ARPT-Const. equip. on fld intermittently. Use rnwys ngts. Closed to HB and VHB acft. Trans Army acft use Marietta AAF. Twrs of Rdo Stn WSB 12 mi NE being dismantled, lgtd. 134' lgtd water tank being erected 1 mi E. 25' lgtd bldg near N end N/S rnwy. (3-28)

ATLANTA NAS-Avail. sunrise to sunset. After sunset open for landings only. No clearance or svcg. (4-16)

BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)

CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)

CHATHAM AAF (SAVANNAH)-Rot. bcn inop. Exten P-47 NG acft transition training, formation flying and acrobatics 0800 to 1700 all within 35 mi radius. (4-4)

COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-5)

**COCHRAN INT, SITE 50, MM-AG-This fld is no longer a CAA intermediate fld. The city has taken it over and CAA maintains the lgts only. (4-14). See page 114.

COOK CO. ARPT (ADEL)-Lgts inop. (1-17)

HERBERT SMART ARPT (MACON)-300' lgtd smoke stack being erected 5 mi SW. (3-12)

HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L.

**KINGS ARPT (MILLEDGEVILLE)-Name changed to Milledgeville Mun. Arpt. (4-10)
See page 114.

LA GRANGE ARPT-Heavy acft use rnwys, taxiways only-grass areas soft. All-over landing small acft in dry weather. (4-17)

LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)

LAWSON FLD (COLUMBUS)-MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2, 32. Right traffic Rnwys 14,20,27; left traffic on Rnwys 2,9, 32. Closed to all trans traffic except on off. bus. or in emerg until May 11. (3-17)

LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)

MARIETTA AAF-No maintenance 1700 - 0800. Ltd transportation. Rdo Stn WFOM erecting unlgtd 100' twr 2 mi WSW. (4-11)

MILLEDGEVILLE MUN ARPT Soft after rainy weather. (4-17)

MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.

ST. MARYS ARPT-Cattle on fld and rnwys. (1-27)

ST. SIMONS ISLAND NAS-RADIO: About May 1, Navy twr will be discont. (3-28)
FLD: Equip. on fld days. Effect May 1, will be on caretaker status and avail. in emerg only with no facs. (4-28)

SAVANNAH-RADIO: SE course displaced 3° counter clockwise, bear. 330°. (4-22)

SOUTHER FLD (AMERICUS)-Use strips only. Soft when wet. (4-8)

SPENCE FLD (MOULTRIE)-Use rnwys only. All over fld avail. lgt acft only in certain areas. Landing area N of rnwys to be used only by pilots familiar with fld. Grass area adj to rnwys closed (sloped for drainage). (4-8)

THOMASVILLE ARPT-Closed ngts-no lgts. (10-24)

TURNER FLD (ALBANY)-RADIO: Army air to ground stn temp inop. (2-10)

VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld). (1-16)

IDAHO

BOISE AIR TERMINAL-Use rnwys, taxi strips only-shoulders soft. Non-rdo equipped acft use Rnwy 10L with left approach or Rnwy 28R with right approach when tetrahedron indicates traffic SE or NW. Parking ramp on Nat'l Guard side of fld immediately in front of twr SW of Rnwy 10R-28L closed to all acft other than mil. (4-9)

BRADLEY FLD (BOISE)-Right traffic SE take-offs and landings. (3-17)

BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (2-22)

★DUBOIS-RADIO: VHF voice fac comm at commun stn. Transmits on and gds 116.1 mcs cont. Adtnl VHF voice fac avail. on 111.1 mcs. (4-25). These data revd too late for inclusion on data page and charts.

GOODING ARPT-Use strips only-sod unsafe (erosion). (3-1)

GREEN MEADOWS ARPT (EAGLE)-Right traffic NW take-offs and landings. (3-17)

★IDAHO FALLS-RADIO: VHF voice fac comm at commun stn Apr 23. Transmits on and guards 116.1 mcs cont.

IDAHO FALLS ARPT-Rot. bcn inop. (4-23)

**LEWISTON ARPT-36" white and green lgts revolving bcn oper from 15 min prior to sunset to 15 min after sunrise. (4-16). See page 4.

MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.

★POCATELLO-RADIO: VHF voice, transmitting and revg facs on 116.1 mcs comm Apr 18. Adtnl VHF voice fac avail. on 111.1 mcs.

POCATELLO ARPT-6' ceilometer projector in center of grass strip running parallel with Rnwy 5-23 and approx 75' S of rnwy at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. (1-24)

★POCATELLO AAF-RADIO: Army air/gnd stn now transmits on and guards 116.1, 137.83, 140.58 mcs. (4-28)

IDAHO

PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT W side N/S strip at N end unimproved and dangerous. (3-14)
★STREVELL-RADIO: Stn class: MHPV. These data rcvd too late for inclusion on data page. (4-23)
TWIN FALLS ARPT Use strips only, soft when wet. (2-21)

ILLINOIS

ALBERTUS ARPT (FREEPORT)-Const. Use N/S, NW/SE rnwys, soft when wet. Land within rnwy mrkrs. (2-25)
ASHBURN ARPT (CHICAGO)-Avail. lgt acft under 2000 lbs only. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const-usable with ctn. Do not turn off cinders onto grass. (1-27)
AURORA ARPT-Closed to acft over 2000 lbs until May 1. (4-5)
CASEY ARPT-Red flag on windsock indicates strips too soft for safe oper, green flag indicates strips in good condition, orange flag indicates right traffic. (2-26)
CHANUTE FLD (RANTOUL)-Ltd parking. (2-12)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed (const), (3-3)
CHICAGO ARPT-RADIO: GCA service test being conducted on 24 hr basis. Unit aligned for approach from NW on Rnwy 13R. Transmits on 350 kcs., 109.5, 126.18 mcs. Rcvs on 3105,4495,6210,3117.5 kcs., 126.18,118.1,118.7,122.5 mcs. Pilots desiring to make runs should make arrangements thru Chicago Twr. No IFR oper. (4-3) Middle mrkr will be lctd at middle compass lctr site, 0.71 mi NW of the NW end of Rnwy 13R-31L keyed six dots per sec. Outer mrkr being relctd from present site to 5.80 mi NW of the NW end of Rnwy 13R-21L, keying two dashes per sec. (4-4). FLD: Equip. 110' E of W edge 400' ramp at centerline of new Terminal Bldg, mrkd by barricades and lgtd ngts. Equip. E ramp 46' S of central section near Terminal Bldg. Const steel 60' high W of Rnwy 22 center at NE corner fld. Snow extension lgts 22" above grade on Rnwys 31L,36R,27L, mrkd. GCA truck and trailer lctd near center of fld, lgtd. Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Terminal Bldg upon arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before dptr. 3 hangars under const along N taxiway of arpt. Ctn when taxiing. (4-18)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
CHICAGO-ORCHARD ARPT (CHICAGO)-Landing fees same as Chicago Arpt. Trans acft register in city office on S side of fld. (2-14)
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (3-27)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (4-22)
EFFINGHAM INT, SITE 10, LS-ID-Soft-unsafe all acft. (4-13)
EFFINGHAM CO. MEMORIAL ARPT-Open. Rcvd too late to delete symbol.
FLORA ARPT-NE/SW strip under const. (12-10)
GALESBURG MUN. ARPT-W bndry rough. (3-28)
GLENVIEW NAS-Prior approval rqrd all acft expecting to RON except off. bus. Non radio equipped acft land on N mat only. Closed after sundown except in emerg or by off. prior arrangement. (12-23)
JOHNSBURG ARPK-Equip. on fld. (3-18)
JOLIET ARPT-SITE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0800 on req. (1-18)
LEWIS-LOCKPORT ARPT (LOCKPORT)-Use strips only. Stay on gravel when wet. (3-16)
MARION ARPT-Ext train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. (1-23)
MOLINE ARPT-75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. Pwr shovel with 30' boom SW end NE/SW rnwy. (1-30)
MOUNT VERNON ARPT-E/W strip mrkd with flare pots, dusk to dawn. Serve as mrkr lgts only. (4-7)
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwys edges. Use rnwys only in thawing weather (2-24)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
ST. DAVID ARPT-Closed to cross-country acft. No svcg avail. N/S strip closed. New arpt under const 6 mi N. (6-13)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (3-31)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. Closed ngts. (4-5)
SPRINGFIELD MUN. ARPT New arpt under const 3 mi NW of city. Will be completed approx July 1, (4-22)
STOCKTON ARPT-6trips soft during thawing weather. (2-20)
WAUKEGAN ARPT NW corner NW/SE rnwy, W end E/W rnwy usable except in wet weather. (1-20)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (4-7)

INDIANA

AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
★BAER FLD (FT. WAYNE)-RADIO: CAA twr comm Apr 21. See page 42. FLD: Rnwy lgts 9-27 inop. Tetrahedron uncontrolled. (4-22)
BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (3-26)
BLOOMINGTON ARPT-Needs rolling. Soft when wet. (9-26)
BRIGHTWOOD ARPT (INDIANAPOLIS)-Fld under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (1-17)
CAMPUS ARPT (BLOOMINGTON)-CLOSED (muddy). (1-15)
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only. (5-23)
CHARLESTOWN ARPT-2000' E/W strip under const. Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (1-20)
COLUMBUS ARPT-Turn off rnwys onto taxi strips after landing. Use rnwys only. (3-31)
EVANSVILLE ARPT-Ctn, air show Sun May 11, 1430 to 1630. Use rnwys only. Equip. on fld days. (4-23)
GARY ARPT-Water on fld. Soft in wet weather. Extreme ctn landing,taking off.(1-14)
HULMAN FLD (TERRE HAUTE)-Use rnwys only (erosion). (1-16)
HUNTINGBURG INT, SITE 19, LS-LV-Equip. on fld days. (3-20)
HUNTINGTON MUN. ARPT-SE end NW/SE strip freshly filled. Not firm. (11-13)
INDIANAPOLIS-RADIO: GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212 kcs., 126.18 mcs, receives on 3105, 4495, 6210, 3117.5 kcs., 126.18 mcs. Pilots desiring to make practice runs should make arrangements thru Indianapolis Twr, Indianapolis Rdo or airline ground stn at Indianapolis. All flights must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intermittently at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE/SW rnwy Exper radio range with 5 lgtd 131' twrs operating intermittently at Avon, Ind, 7 mi NW of arpt on 172 and 194 kcs. Low pwr (holding mrkr), 75 mcs, 10 mi SW of arpt on ILS lclzr course, keying "U" tone 3000 cycles, temp inop. (11-22)
INDIANAPOLIS ARPT-Use rnwys only. Pilots of mil and trans acft register with registrar in Admin Bldg Lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400'

[redacted]

off centerline near SW end NE/SW rnwy. EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner operating intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts. Exper slope line (glide path) approach lgt sys installed W end of Rnwy 9-27. Lgts consist of 3 pairs of red tublar lgts spaced 100' apart with first pair lctd 100' W of rnwy. The outer pairs show red only on approach side; the inner pair show red on approach and rnwy sides. The high end of outer unit is 8', and high end of inner units is 5'. Operate normally with rnwy etc lgts. (4-9)

KENDALLVILLE MUN. ARPT-Closed until June 2 (seeding). (4-22)

LA PORTE ARPT-Bndry, range lgts inadequate, in need of repairs. (9-19)

MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (1-20)

MILROY INT, SITE 5, CC-CG-CLOSED (soft). (1-21)

MORGANTOWN-RADIO: FM on S course Indianapolis Range will remain in oper on exper basis. (11-8)

MYERS FLD (FT. WAYNE)-Avail. with ctn. Soft during wet weather. (3-23)

PLYMOUTH ARPT-E/W strip avail. NNW/SSE, NE/SW strips avail. with ctn.(1-23)

PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Taxi straight to end of fld; then taxi within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. Soft freshly seeded areas at side of NE end of NE/SW rnwy and at W end of ramp, mrkd. Const NE end of fld. (4-16)

SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft. Const area mrkd. (1-21)

SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft. (1-16)

STARKE CO. ARPT (KNOX)-N/S strip soft. (11-4)

STOUT FLD (INDIANAPOLIS)-Crash equip. avail. 0800 to 1700 daily only. Ltd svcg facs. Lgts on prior req. (3-20)

TRI STATE ARPT (ANGOLA)-Strips rough in places. N/S strip closed to trans acft. (1-26)

URSCHEL FLD (VALPARAISO)-Strip soft in wet weather. (2-16)

**WAKE ARPT (HUNTINGTON)-Name changed to Wakefield Arpt (Huntington). See page 42.

WELLS CO. ARPT (BLUFFTON)-Closed during thawing weather. (3-28)

WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No-wind conditions land to W. (1-20)

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AUDUBON AIRWAYS ARPT (AUDUBON)-Fld rough.

CEDAR RAPIDS ARPT-Use rnwys, taxi strips only. (3-22)

CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. (4-2)

CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)

**CRESTON AIRWAYS (CRESTON)-ABANDONED.

DES MOINES-RADIO: Soon, Indianola approach FM (bone-shaped) will be comm at lat 41-21-30, long. 93-36-12, 9.9 mi SE of the Des Moines low freq range and 0.45 mi E of the centerline of the SE course. Ident. three dashes. (3-28)

DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed. Use rnwys only. Area off SE end NW/SE rnwy closed to taxiing, mrkd. NG svcg not yet avail. (4-22)

**DE WITT ARPT-New fld. Lat 41-49-00, long. 90-31-00. (10-25). See page 136.

DUBUCUE ARPT-Flooded, unusable. (4-17)

[redacted]

ELKADER ARPT-Strips rough and rolling. (2-11)

**GRUNDY CENTER ARPT-ABANDONED.

**HENRY'S ARPT (FLOYD)-ABANDONED.

HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (4-3)

IOWA CITY ARPT-Avail. days only. Use rnwys, taxi strips only. Sod adj rnwys, taxi strips freshly seeded, graded. Equip. on fld. (4-15)

LAMONI INT, SITE 10, KC-MP-Unsafe (soft). (4-16)

MASON CITY ARPT-Landings and take-offs prohibited on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N/S rnwy unusable. (1-14)

**NEWTON FLYING SERVICE-New fld. Lat 41-42-30, long. 93-06-30. (10-7). See page 36.

**NIEDERHOUSER ARPT (MARSHALLTOWN)-ABANDONED.

SIOUX CITY ARPT-Blinding 30 million candle pwr ceilometer 1000' N of Admin Bldg. No svcg mil acft 1700 to 0800. Lgts on Rnwys 17-35, 13-31 dim-flares in use ngts. (3-10)

WINTERSET ARPT-NNE/SSW strip rough. Low fence at each end. (1-20)

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ALLMAN ARPT (LENEXA) Use strips only. (4-2)

ATKINSON ARPT (PITTSBURG)-Const, mrkd. (4-27)

ATWOOD ARPT-Soft when wet. (3-26)

BEECH ARPT (WICHITA)-During damp weather, use rnwys only. (4-2)

CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags. (2-6)

CHANUTE-RADIO: Flight-checked Apr 21, courses correctly aligned.

**DERBY ARPT-ABANDONED.

DODGE CITY ARPT-Blinding 25 million candle pwr ceilometer projector installed 1000' NW of Admin Bldg. E/W rnwy closed. Parked acft on fld N and S of Admin Bldg due to partially completed const on parking area. Hangars being built NW Admin Bldg. (4-11)

FAIRFAX FLD (KANSAS CITY)-RADIO: Approach control procedures avail. These data rcvd too late for inclusion on data page.

FT. RILEY-AA firing conducted immediately N of Marshall Range Stn.

GARDEN CITY AAF-No svcg or maintenance avail. (2-7)

GOODLAND ARPT-Rnwy sides soft when wet. (2-21)

**HILL CITY MUN. ARPT-New fld. Lat 39-22-30, long. 99-48-45. (10-29). See page 32.

HUTCHINSON-RADIO: Range flight-checked Apr 19, courses correctly aligned.

HUTCHINSON MUNICIPAL ARPT-Heavy acft use rnwys only. Tetrahedron inop. (3-15)

HUTCHINSON NAS-CLOSED-no facs. (11-25)

INDEPENDENCE AAF-Svcg, opers avail. 0800 to 1800 only. Only N/S rnwy nearest ramp avail. (2-5)

JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (3-4)

LARNED MUN ARPT-SW 1/3 of NE/SW and NW/SE strips muddy in wet weather, S 1/2 N/S strip under const. (3-19)

**MANKATO ARPT ABANDONED.

**MANKATO MUN. ARPT (new)-New fld. Lat 39-48-15, long. 98-13-45. (12-3). See page 32.

MARSHALL FLD (FORT RILEY)-For AA firing see Fort Riley, Kansas. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (2-10)

OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.

KANSAS

OLATHE NAS-Closed 1800 to 0800 - flights desiring landing during these hrs must notify opers before 1600. (8-13)
OLATHE OLF NO. 2-Use in emerg only - no facs.
OLATHE OLF NO. 4-Use in emerg only - no facs.
OLATHE OLF NO. 7-Use in emerg only - no facs.
OLATHE OLF NO. 9-Use in emerg only - no facs.
**OSAWATOMIE-PAOLA MUN ARPT (OSAWATOMIE)-New fld. Lat 38-33-00, long 94-56-30. (11-27) See page 38.
PHILLIP BILLARD ARPT (TOPEKA)-RADIO: About May 1, CAA will assume oper of mun twr transmitting on 278 kcs. Guarding 3105, 3117.5 kcs. Will operate cont. (4-23)
SANTANTA ARPT-Strips soft in wet weather. (2-19)
SHERMAN FLD (FT. LEVENWORTH)-Left traffic on Strips 12, 15; right traffic on Strips 30, 33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. (4-11)
SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) inop indefinitely. (4-1)
TOPEKA-Inst flying radio range ngt, day. Call Topeka Radio at least 20 mi out before flying range.
★WICHITA-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (4-25)
WICHITA ARPT-Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (1-31)
WICHITA AUX ARPT-Arpt lctd 6 mi SE of Wichita not avail. as an auxiliary fld. City of Wichita not responsible for consequences arising from use of the fld. (4-19)

KENTUCKY

ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (2-5)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (1-29)
BOWLING GREEN ARPT-Use rnwys only. (4-7)
CAMPBELL AAF (HOPKINSVILLE)-No mechanical or refueling svc avail.; use Smyrna AAB for refueling and maintenance. Opers closed 1630 to 0800. Only Rnwy 4-22 avail.; other rnwys closed for const. Wind tee rmvd; wind sock only avail. Lgts inop. (4-4)
GODMAN FLD (FORT KNOX)-RADIO: Army rng unreliable; use primarily as homing fac. (4-5) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. High trajectory firing in danger area NE fld day, ngt. (4-17)
GREATER CINCINNATI ARPT (COVINGTON)-Ctc lgts Rnwy 27 inop. Flare pots on approach end, middle and far end of rnwy. Use rnwys, taxi strips only, sod portion fld soft. (3-22)
JODY FLD (LONDON)-Const-use rnwy N of hangars only. (1-11)
LEXINGTON-RADIO: VHF rng unmonitored, no auto. standby equip. and therefore it is avail. for navigational purposes with these limitations. (4-2)
STANDIFORD FLD (LOUISVILLE)-NG svcg not yet avail. (4-22)

LOUISIANA

BARKSDALE FLD (SHREVEPORT)-Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 73 or 91 oct avail. (1-24)
BATON ROUGE-RADIO: About May 8, courses will be realigned to: 29°,119°,209°,299°
COTTON VALLEY ARPT-E/W strip closed. (1-23)
CROSS LAKE SKY HARBOR (SHREVEPORT)-Land only in area in front of Base. (2-13)
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd with white flags. (1-27)
HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1630 only for all acft by Navy in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil. acft may land during daylgt hrs. Lighting facs for ngt flying not in oper for civil. use. (4-23)

LOUISIANA

IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. (3-13)
JENNINGS ARPT-Use strip only. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. Right traffic when landing S & W. (3-19)
LAFAYETTE ARPT-Use rnwys only. (1-20)
LAKE CHARLES MUN ARPT-Blinding 30 million candle pwr ceiling lgt installed Stn WBAS. Operates during cloudy conditions. Two 195' twrs 3.5 mi NW under const, lgtd. Fuel for mil acft avail. 0700 to 2300. (4-24)
LE GROS MEMORIAL ARPT (CROWLEY)-170' twr being erected 9 mi NE (55°) true. Will be lgtd upon completion. (3-24)
MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: All components of CAA ILS shut down for modernization. Lclzr installation will incorporate voice feature and ident. "NO". Middle mrkr will be lctd 3530' W of the W end of E/W rnwy, keyed alt dots and dashes. Compass lctr will be installed at outer mrkr site, 3.92 mi W of W end of E/W rnwy, ident. "L", freq. 254 kcs. (4-14) FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. (2-4)
MONROE ARPK-Avail. days only. (12-20)
NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W end E/W rnwy. (1-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Closed to all Army acft except primary, basic and advanced (not including converted tactical type) trainers utility cargo, C-46, C-47 series, C-60, C-64, liaison acft, helicopters and autogyros. (3-26)
NEW ORLEANS NAS-Closed to all acft exceeding 9000 lbs. Avail 0800 to sunset. (2-28)
SELMAN FLD (MONROE)-Obst lgts atop twr inop. Equip. on fld. (12-27)
SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)
SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1 - 1/4 mi S within approach zone N/S rnwy lgtd. 185' rdo twr being erected 4 mi SW (230° true). (3-26)

MAINE

AUGUSTA ARPT-Obst lgts on antenna poles 400' NE Admin Bldg inop. (4-22)
BRUNSWICK NAS-Closed to all but off. flights (caretaker status - no facs).
DOUGLAS FLD (BRUNSWICK)-Right traffic when wind from the S. (4-22)
DOANES ARPT (BREWER)-E/W rnwy avail. in emerg only. (4-19)
DOW FLD (BANGOR)-E/W rnwy closed. Use concrete portion fld only. Ltd transportation and maintenance facs. Indicated Rnwy markings are nearest mag heading rather than true heading. (3-19)
FARMINGTON ARPK-Safe lgt acft only, till May 20. During this period and after heavy rain land to W side strip. (4-23)
HOULTON ARPT-Closed except to scheduled airlines and local opers. Other acft land by prior permission from Resident Engineer, fone 2211. Rnwy lgts inop. (3-26)
LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)
MERRYMEETING FLD (BOWDOINHAM)-Use in emerg only. (4-22)
MILLINOCKET-RADIO: Auto. range monitor. sys temp inop.
MILLINOCKET ARPT-NW 1000' NW/SE rnwy closed. Ctc lgts inop. (4-15)
NORRIDGEWOCK AIRPORT-CLOSED - use in emerg only.
OLD TOWN ARPT-Use rnwys only-safety strips rock. Lgts inop. (2-24)
PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop). (1-18)

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PRESQUE ISLE AAF-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army VHF DF stn temp inop. (4-25) FLD: When landing Rnwys 28, 16 hit short and slow down before intersection; on Rnwy 34 touch down by intersection. No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC flights. Svcg trans acft 0800 to 1700 only. (4-22)

RAYMOND'S ARPT (PHILLIPS)-Avail. all acft. These data rcvd too late to delete ⓪ symbol.

SCARBORO ARPT-CLOSED (soft). (3-31)

STOVER ARPT (FREEPORT)-Use with ctn until frost out of ground. (3-31)

WESTON FLD (MADISON)-Avail. emerg only. (4-2)

[redacted]

★ANDREWS FLD (CAMP SPRINGS)-RADIO: Army GCA sys opers on 3117.5 kcs in addition to freqs previously published. (4-16)

BALTIMORE-RADIO: CAA range conversion to simultaneous oper and realignment of N course to 195° delayed indefinitely. (4-3)

★BALTIMORE ARPT RADIO: CAA twr now transmits on 278 kcs., 118.9, 126.18 mcs. (4-21) FLD: No crash equip. ngts. Use rnwys, taxiways only, other areas soft. Equip. on fld. Ships with unlgtd 120' masts anchored in harbor S, W and SW of fld. Smoke stacks NW and SE. Rdo rqrd between sunset and sunrise. (4-21)

BALTIMORE SEAPLANE BASE-Radio facs same as Baltimore Arpt. Control launch and other services avail. commercial operators by prior agreement with BOAC. Ramp and fuel services avail. by contacting Baltimore Twr. (4-21)

BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (4-9)

BRANDYWINE-RADIO: About May 2, simultaneous rng will be comm at lat 38-41-50, long 76-51-47. Freq. 379 kcs, ident. "BDW" Courses: 07°, 70°, 187°, 250°. Var. 7°W. Stn class: SMRLZ-DT. Rng now in oper for equip. shakedown. Controlled from Washington INSAC. (3-26)

**CHESAPEAKE BAY-Correct bndries of firing area in vcnty of Chesapeake Beach to the following: Sector of a circle having a radius of 17,600 yds centered at lat. 38-39-30, long. 76-34-30 between 31° true and 122° true, excluding that portion within the confines of civil airways.

EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat and Sun. Operates Mon thru Fri 0800 to 1600. (3-14)

ERCO ARPT (RIVERDALE)-Do not land on diagonal taxi strip due to softness and holes. Soft shoulders off rnwys. Avail. days only. (2-19)

GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (2-19)

HAGERSTOWN ARPT-Acft parked on hangar and factory aprons, also along W bndry of fld just W of the N end of the N/S rnwy and N of the W end of the E/W rnwy. Use ctn in landing and taking-off in area off rnwys. (2-18)

KENT ARPT (WORTON)-Landing area under const. (3-17)

LEE ANNAPOLIS ARPT (ANNAPOLIS)-NE/SW rnwy and black-topped taxiway avail. -unsuitable for acft heavier than twin-engined type. (2-13)

MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. Trans or local traffic, not landing at fld, should avoid fld traffic patterns or approaches. (1-22)

**PATUXENT RIVER NAS-Hi-intensity rnwy lgts comm. (4-18) See page 62. Taxi strips adj and parallel to rnwy 13-31 between rnwys 2-20, 6-24 closed. Ditches adj rnwy 9-27 mrkd. Equip. on fld. (2-24)

PHILLIPS FLD (ABERDEEN)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Ltd svcg. No maintenance or RON. (3-17)

SALISBURY-RADIO: VHF range will be comm soon at lat 38-19-22, long 75-24-59. Freq. 109.1 mcs. Ident. "FY". Visual courses: 42°, 222°, Aural courses: 132°, 312°. Var. 8° W. Class: VARW. (3-22)

[redacted]

SALISBURY ARPT-Use rnwys only. (2-17)

SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (4-10)

WEBSTER FLD (PRIEST POINT)-Closed except on 24 hr notice.

[redacted]

BARNES ARPT (WESTFIELD)-Oper of arpt bcn days only indicates scheduled airlines in vcnty arpt. Acft proceed with ctn when bcn lgtd. Ctc Westfield Rdo for lgts. 139' unlgtd tank under const 5500' SW. No ctc lgts. (3-24)

BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (4-21)

CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx 5 mi SE Provincetown at lat 42-01-00, long. 70-06-30, extending 1000' seaward from shore of Cape Cod Bay.

EASTHAM AIRFLD-Rough. (4-21)

GRAFTON ARPT (NORTH GRAFTON)-Ctn, soft, rough. (4-21)

LA FLEUR ARPT (NORTHAMPTON)-Const. Grading 800' by 300' center of fld, mrkd. Equip. on fld. Closed ngts. (4-8)

LAWRENCE AIRPORT-At ngt use rnwys for landing and taking off. (3-23)

LOGAN ARPT (BOSTON)-RADIO: CAA ILS oper for test purposes only, now shut down until further notice. (4-4) FLD: Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo, and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Manager and pay fees. Pilots will be denied clearance until fees are paid. Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. New 5900' rnwy 15-33 and Rnwy 4-22 avail. NE 100' Rnwy 7-25 unsafe. (4-21)

MANSFIELD ARPT-Red flag flying when closed. (4-21)

MARLBORO ARPT-Avail. sunrise to one hr after sunset. (4-21)

MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (4-4)

MYRICKS ARPT-Wires on S end N/S strip. (4-1)

OTIS OLF (FALMOUTH)-Use in emerg only (caretaker status - no facs).

PITTSFIELD ARPT, SITE 3B, AZ-BW-Land according to wind sock. (4-2)

PROVINCETOWN FLD-Closed to acft over 3200 lbs. (4-21)

✦QUABBIN-RADIO: Apr. 21 Army FM comm 8.5 mi on NE course Westover Army Rng. Army H fac operating on 316 kcs, operates cont. See page 50..

REVERE ARPT-Right traffic on Rnwys 2, 33, 35. Const on seaplane base 1000' N of arpt. (4-21)

RICHARDSON ARPT (DRACUT)-Intersection of two strips muddy when wet. Heavy acft use wide pattern on downwind leg for WSW landing to avoid turkey farm 1000' from rnwy. (3-15)

SPRINGFIELD ARPT-Lgts inop. (4-21)

✦SQUANTUM NAS-Bcn and course lgts decomm. (4-22) See page 52. Equip. at bndry and on fld. Fld avail. 0800 to 30 mins prior to off. sunset. Truck and two trailers 30' high on rnwy 2-20, 150' S intersection rnwys 14-32, 2-20, lgtd. (3-27)

STEVENS FLD (NORTH ADAMS)-Temp closed. (4-21)

WESTFIELD-RADIO: Sharp bend 5 mi S of rng stn on 27° inbound leg. Condition intermittent. (2-5)

✦WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army GCA sys also transmits on and guards 134.10, 137.70 mcs in addition to freqs previously published/ (4-21) Army air/gnd stn now transmits on and guards 4765 kcs in addition to freqs previously published. (4-14) Army ILS (SCS-51) flgt-checked and reliable. (4-19) Army ILS (CAA type) iclzr, Rnwy 24, unreliable. (4-23)

[redacted]

WESTOVER FLD (CHICOPEE FALLS)-All acft on IFR approaching fld from NE will follow Amber 7 to Boston, thence follow Red 11 to Gardner intersection (W course of Boston Range and the NE course Westover Range). Acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing let-down procedures as disseminated from fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descend by Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover approach control, all instructions will be followed which are transmitted by Westover Approach control. (2-15)
Red bcn atop Mt. Nanatuck inop. (2-28)

[redacted]

ABRAMS ARPT (GRAND LEDGE)-Unsafe (snow) (3-29)
ADRIAN CITY ARPT (ADRIAN)-SW corner fld unsafe for landings and take-offs. Strips soft when wet. (2-20)
ANN ARBOR ARPT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (6-14)
BAKER'S FLD (PORT HURON)-Use strips only. Fresh fill E 1/2 N/S strip from intersection to S end, also SW end NE/SW strip. Soft when wet. (2-25)
★BISHOP ARPT (FLINT)-RADIO: CAA twr now transmits on 278 kcs., 118.3 mcs. (4-18) FLD: Three 170' lgtd twrs Rdo Stn WWOK under const 4.5 mi E (82° true). Use rnwys only, soft. Unmrkd acft parked on fld within 500' of bldgs.(4-8)
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tri-cycle gear acft, bal taxi strip being cleared of trees and brush. Other strip usable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of centerline of approach. Wind tee temp removed. (4-28)
CALVIN CAMPBELL MUN ARPT (INDIAN RIVER)-Emerg use only (3-21)
CAPITAL CITY ARPT (LANSING)-Use center of rnwys only. Soft spots and broken blacktop on NE/SW rnwy near intersection E/W rnwy. N/S rnwy avail. taxiing only. Equip. on fld days. Acft parked W side fld E of apron. (4-2)
DALTON ARPT (FLUSHING)-Ctn during wet weather. (4-11)
DETROIT NAS-Closed 1700 to 0800. (9-14)
DR. HAINES FLYING FLD (THREE RIVERS)-Use strips only (2-24)
EMMET CO. ARPT (PELLSTON)-Closed ngts. (2-17)
FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips (2-14)
FORD ARPT (DETROIT)-CLOSED. Avail. emerg use only. Use rnwys only.(3-31)
GRAND RIVER ARPK (COMSTOCK PARK)-Entire fld avail. These data rcvd too late to delete Ⓡ symbol.
GRIDLEY ARPT (YPSILANTI)-Strips unusable when wet-muddy. Land on sod with ctn. (2-14)
**HOUGHTON CO. ARPT (CALUMET)-Correct location: Lat 47-13-30, long. 88-25-30. See page 16.
JAMES CLEMENTS ARPT (BAY CITY)-Use rnwys only. Closed ngts. (3-12)
JEWETT ARPT (MASON)-Ctn on strips and taxiways when wet. (2-21)
KELLOGG FLD (BATTLE CREEK)-Equip. on fld. (2-22)
LAPEER ARPT-N end of NW/SE diagonal strip rough. (2-19)
LEACH AERO SERVICE ARPT (HARTFORD)-NE/SW strip under const. (11-16)
**LINDBERGH MUN ARPT (KALAMAZOO)-Correct location: Lat. 42-14-00, long. 85-33-00. See page 42. Avail. ngts in emerg. Land in accordance with wind tee lct d midway between NW end NW/SE and N end N/S rnwys. Use rnwys only.(2-19)
MACKINAC CO. ARPT (ST. IGNACE)-Use rnwys only. (4-5)
McKINLEY ARPT (FRASER)-Avail. to lgt acft only in dry weather. (4-26)
MILAN ARPT-Fld soft in wet weather. (2-19)
MOUNT PLEASANT ARPT-Strips soft in wet weather. (2-14)
MUSKEGON CO. ARPT-Use rnwys only-rough. (2-21)

[redacted]

OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO ARPT (GAYLORD)-Avail. during winter months with ctn. (12-2)
★PELLSTON-RADIO: Apr 16, freq of MH fac changed to 209 kcs.
PLANE HAVEN ARPT (STANTON)-CLOSED (3-15)
PRICKETT FLD (SIDNAW)-Avail. ski-equipped acft only (3-27)
**ROMULUS ARPT-Name changed to Wayne County Airport (Romulus). See page 44
ST. CLAIR CO. ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37° true), temp lgtd. Use strips only-soft when wet. (4-3)
SAULT STE MARIE ARPT-Loose gravel on N/S rnwy. Use rnwys only. (4-8)
SKY HAVEN ARPT (SAGINAW)-CLOSED (const) (4-11)
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (2-19)
TRAVERSE CITY ARPT-Obst lgts S end N/S rnwy inop. Use rnwys only. (4-28)
**TWIN CITY ARPT-ROSS FLD (BENTON HARBOR)-Rdo stn WHFB 4 mi SW erected and obst lgtd. (4-15) Use rnwys only, soft after heavy rains. (4-15)
WASHTENAW ARPT (ANN ARBOR)-Use rnwys only. Avail. days only. (2-20)
WAYNE CO. ARPT (ROMULUS)-No lgts or rdo. (4-7)
WILLOW RUN ARPT (YPSILANTI)-RADIO: Lclzr, glide path and mrkrs of CAA ILS will be comm soon. (3-28). FLD: Equip. on fld. Trucks on NE/SW taxi strip. Trenches and const of ILS bldgs on fld, mrkd. (2-14)

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AITKIN MUN ARPT-Const. (3-18)
APPLETON ARPT-Use rnwys, taxi strips only. (2-14)
BENSON ARPT-Use strips only Closed to trans acft. (4-14)
BLUE EARTH ARPT-NW/SE strip under const. (12-3)
CAMP RIPLEY ARPT (LITTLE FALLS)-Not maintained. (10-30)
COLERAINE ARPT-Slightly rolling. Const on fld. Usable in N/S and NW/SE direction only. (11-5)
DECKER ARPT (AUSTIN)-Ctn, fld soft. (4-21)
DETROIT LAKES ARPT-Use strips only. (11-7)
FARIBAULT ARPT-Closed to all acft weighing over 5000 lbs. (5-16)
FERGUS FALLS ARPT-Graded and seeded landing strips (11-7)
FLYING CLOUD ARPT (MINNEAPOLIS)-Strips leveled and seeded. E/W, NW/SE graded and seeded in spring. (12-11)
GRAND RAPIDS ARPT-Graded and seeded strips. (11-5)
KENYON ARPT-Rolling strips. NE/SW strip slopes to the NE. (12-2)
MANKATO ARPT-Strips soft during spring thaws. Closed to all multi-engine and heavy single engine acft. (4-1)
MARSHALL ARPT-Newly graded and seeded strips. Use with ctn. (11-20)
MOBERG SEAPLANE ANCHORAGE (BEMIDJI)-Avail. ski-equipped acft only until spring. (12-19)
MONTEVIDEO ARPT-Strips muddy when wet. (2-14)
NEW ULM ARPT-E/W strip has 10' hill. Use with ctn. (11-1)
ORTONVILLE ARPT-Temp closed (const). (6-20)
ST. PAUL ARPT-Use rnwys, taxi strips only. (3-31)
THIEF RIVER FALLS MUN. ARPT-CLOSED. (4-8)
TRI-MONT ARPT (TRIUMPH)-Leveled landing strips newly seeded. (11-22)
UNIV OF MINNESOTA ARPT (NEW BRIGHTON)-N end N/S strip rough. (4-3)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center - parked acft.
VIRGINIA ARPT-Rough. (4-1)
WILLIAMSON-JOHNSON ARPT (DULUTH)-Use rnwys only. (11-8)
WILLMAR ARPT, SITE 16, HR-MP-CLOSED (soft). (4-14)
WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-Foreign Clearing Stn for Musk-Calf Project Flights. Ltd maintenance facs, no parking facs for Army acft temp. Exper horizontal neon lgt installed on fence 300' S of S end N/S rnwy. Use rnwys only-soft. (4-3)
**WYMAN ARPT (AITKEN)-ABANDONED.

MISSISSIPPI

BASS FLD (LULA)-Landing area rough. (11-13)
BONITA ARPT (MERIDIAN)-CLOSED. (3-31)
CARROLL CONE ARPT (TUPELO)-Equip. and stakes on fld. (1-2)
COLUMBUS AAF-Use rnwys only.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (1-22)
GRENADA ARPT-NE/SW rnwy closed. (6-28)
GULFPORT MUN ARPT-Avoid flying over area directly off SW corner. Entire sod fld avail. (4-1)
HAWKINS ARPT (JACKSON)-Two 115' temp lgtd stacks 1.5 mi SE. 136' water tank being erected 3.5 mi SSE (153° true). Temp lgtd during const. (4-11)
JACKSON CO ARPT (PASCAGOULA)-Trans acft use rnwys only-drainage grills under grass. (5-17)
★KEESLER FLD (BILOXI)-RADIO: Army rng now bdcasts weather at 29 minutes after the hr 24 hrs daily. These data rcvd too late for inclusion on data page. FLD: Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way radio. 20' boom NE corner NE/SW rnwy, mrkd. (10-17)
KEY FIELD (MERIDIAN)-Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off path Rnwy 4. Obst lgts atop Admin Bldg, two hangars and arpt bcn E side fld, bndry lgts, tetrahedron lgts, and all rnwy lgts except on NE/SW rnwy inop. (3-14)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
L.B. STRANGE FLYING SERVICE (TUTWILER)-Being seeded. (11-14)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
MARKS ARPT-Ctn in wet weather. (2-21)
McCOMB ARPT-West 1/3 of E/W strip unusable. (2-17)
TYLERTOWN-RADIO: Recomm of teletype service "A" and hourly weather reporting facs indefinitely postponed. (4-25)
YAZOO CITY CO. ARPT (YAZOO)-Use N/S strip only, bal fld soft. (2-17)

MISSOURI

BAILEY'S ARPK (CHILLICOTHE)-NE/SW strip unusable when wet. (12-13)
BAILEY'S ARPT (BROOKFIELD)-Use strips only. (9-20)
**BLACK WALNUT ARPT (ST. LOUIS)-ABANDONED.
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, al l strips being widened. (2-17)
CHILLICOTHE ARPT, SITE 7, KC-CG-Sod areas soft when wet, numerous washes and small ditches. Avoid unmrkd ditches SW side SE end of paved rnwy and SE edge NE/SW rnwy SW of CAA weather station. Keep to paved runway and taxi strip when wet. (4-22)
COLUMBIA ARPT-Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding 20 to 30 million candle pwr ceilometer 1000' E of rot. bcn. Equipment on fld days. (3-7)
**CREVE COEUR ARPT (ST. LOUIS)-ABANDONED.
DAVIESS CO. ARPT (GALLATIN)-Use ctn until further development. (5-12)
**FARMINGTON FLYING SERVICE-ABANDONED.
FAYETTE ARPT-Closed during winter-avail. lgt acft in emerg only. (11-19)
HARRIS FLD (CAPE GIRARDEAU)-Use strips only-parked acft.
HARVEY PARKS ARPT (SIKESTON)-Use rnwys only-parked acft.
INDEPENDENCE ARPT-CLOSED. (3-14)
JEFFERSON CITY ARPT-E/W, N/S strips avail. lgt acft only-sod soft when wet. NE/SW strip avail. twin-engine acft not exceeding weight of C45,C78. (5-11)
★JOPLIN-RADIO: Adtnl VHF fac (voice) avail. on 111.1 mcs. (4-25)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (2-22)
KANSAS CITY ARPT-RADIO: CAA ILS modulation in progress with sys in oper intermittently. Will be recomm soon. (3-12) FLD: Avail. mil acft not exceeding 50,000 lbs. Army acft rstd from refueling except in extreme emerg. No l neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Unlgtd levee al ong N side fld raised to 20' above fld level. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. Obst lgts atop dike and on the extension of center line of N/S rnwy Heavy acft use rnwys and taxi strips only. Const immediately N of Terminal Bldg-ctn when parking acft this area. (3-28)
KANSAS CITY-GRANDVIEW ARPT (KANSAS CITY)-Sodded areas soft. (2-24)
KING ARPT (HOUSTON)-Staked for impending const. (4-2)
KIRKSVILLE ARPK-CLOSED UNTIL SPRING. Emerg use only (11-13)
KIRKSVILLE ARPT, SITE 12, KC-CG-Sod portions fld soft. Heavy acft use N/S rnwy. (4-15)
LAMBERT FLD-ST. LOUIS ARPT (ST. LOUIS)-Closed to non-rdo equipped acft Const E, SE bndry fld. Navy facs closed 1700 to 0800 except when Opers Officer notified 2 hrs prior to 1700 3' ditch, 200' wide E edge rnwy 34 between approach end and intersection of rnwys 6 and 24, lgtd ngts. Equip. on fld days (3-29)
**MACHENS ARPT-ABANDONED.
MARYVILLE MUN ARPT-Use strips only. (9-18)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (2-20)
NEUBEISER OLF (ST. LOUIS)-Use in emerg only (caretaker status-no facs)
NEW FLORENCE INT, SITE 17, KC-LS-Soft, unsafe heavy acft. (4-24)
**PITTSVILLE ARPT-New fl d. Lat. 38-51-15, long. 94-00-45. (10-24). See page 36.
ROLLA ARPT-Unsafe heavy acft (soft). (1-15)
ROSECRANS FLD (ST. JOSEPH)-Use rnwys only-sod areas unsafe. Equip. on fld. days. (1-28)
★SPRINGFIELD-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (4-16)
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (1-29)
**STEPHENSON ARPT (MACON)-New fld. Lat. 39-42, long. 92-26. (10-14). See page 36.
TARKIO, SITE 10, KC-OH-NW portion safe lgt acft only. Water on fld. (4-23) Unsafe heavy acft.
VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strips. (2-26)

MONTANA

BILLINGS ARPT-RADIO: About May 2, outer compass lctr will be comm at outer mrkr site of CAA ILS. Freq 251 kcs., ident "B" (4-21) FLD: Army acft rstd from refueling except in extreme emerg. (12-26)
BOYDE MOUNTAIN, BCN SITE 34, SA-HL-Bcn inop. Acetylene blinker operatin g 42 FPM. (2-18)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy in wet weather. (11-18)
CUSTER-RADIO: About May 4, commun stn will be reactivated, with teletype reporting services and scheduled weather bdcasts. Will transmit on 215 kcs., ident. "CU" Voice and rcvg facs on 116.1 mcs. Will guard 3105,4495,6210, 3117.5 kcs., 116.1 mcs. (4-10)
CUT BANK ARPT-Ctc lgts inop. (4-9)
★DILLON-RADIO: Apr. 28, VHF voice fac comm at commun stn. Transmits on and guards 116.1 mcs. cont. These data rcvd too late for data page and chart.
★GREAT FALLS-RADIO: Apr 29, VHF voice fac comm at commun stn. Transmits on and guards 116.1 mcs cont. These data rcvd too late for data page and chart.
GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. (3-27)
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle porti on of W bndry. E 200' E/W rnwy closed, mrkd. (3-12)

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HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
LEWISTOWN ARPT-Use rnwys only. (2-25) 200' temp lgtd rdo twr stn KXLO 3 mi NE (58° true) (2-7)
LIVINGSTON INT, SITE 10, HL-TWIN CITIES - Stn KVkl erecting 50' unlgtd antenna pole atop 300' hill 2.5 mi WNW (288° true) (3-1i)
MILES CITY ARPT-Bndry lgts inop. (2-2)
MISSOULA CO. ARPT-NE/SW rnwy closed. NW/SE rnwy closed to call B-17 or heavier acft. (2-21)
MOORE ARPT-S end N/S strip rough. (7-30)
MULLAN PASS-RADIO: Range courses ground-checked only. (4-22)
POLSON ARPT-Usable with caution. (7-19)
PONDERA CO. ARPT (CONRAD)-Ctn in wet weather (muddy). (3-31)
POPLAR ARPT-Dangerous when wet. (9-6)
ROUNDUP ARPT-NE 2500' NE/SW strip unsafe-large holes, marked. (1-21)
**SCHAEFFER ARPT (FLATHEAD NATIONAL FOREST)-Correct spelling is Schafer.
SIDNEY ARPT-Ends of strips in cultivation.
VALLEY CO AIRPORT (GLASGOW)-NNE 1000' NNE/SSW runway dangerous - avoid using. (9-7)
★WHITEHALL-RADIO: VHF voice facility commissioned at commun station, transmitting on and guarding 116.1 mcs cont. (4-24).

NEBRASKA

**AINSWORTH MUN ARPT-ABANDONED.
CLAY CENTER ARPT-Use mrkd strips in wet weather, all way in dry weather. (3-10)
CLEAR RIDGE ARPT (OMAHA)-Use strips only. (3-10)
CRETE ARPT-Use rnwys only. W 1/2 of E/W rnwy closed. (3-13)
ELGIN ARPT-Haystacks on fld. (3-10)
**FALLS CITY ARPT-ABANDONED.
FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet. (3-10)
HAWKS ARPT (BRUNING)-Soft when wet. (3-14)
KEARNEY AAF-RADIO: Army H fac temp inop. (1-21) FLD: No operations office. (3-24)
LINCOLN ARPT-Private acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (1-29)
McCOOK AAF-Approx May 15 all obst lgts will be inop on 180' twr 2.9 mi SE of NW/SE rnwy. NW/SE rnwy avail.only . (4-23)
NORTH PLATTE ARPT-Army acft rstd from refueling except in extreme emerg. (10-9)
★OMAHA ARPT-RADIO: CAA ILS bndry mrkr lctd 350' NW of the approach end of NW/SE rnwy keying six dots per second decomm Apr 4. FLD: Use rnwys only. Rnwy 17R-35L avail. days only. (4-7)
PENDER ARPT- Extreme ctn during wet weather. Lgt acft only. (2-20)
SCHWARTZ-JOHNSON SKYPORT (SIDNEY)-To be abandoned May 1, 1947. (4-23)
SIDNEY INT, SITE 50, SL-OH-Use rnwys only, bal fld rough. (4-23)
**TEKAMAH ARPT-New fld. Lat. 41-45-30, long. 96-13-00 (12-26). See page 34.
**TRENTON MUN. ARPT-New fld. Lat 40-11-15, long. 101-00-45 (11-14) See page 32.
**WAHOO MUN ARPT-New fld. Lat. 41-14-15, long. 96-35-00. (1-6). See page 32.

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BATTLE MOUNTAIN FLIGHT STRIP, SITE 35, SF-SL-Use paved surfaces only-shoulders soft. Portions of bndry lights operating intermittently. (4-7)
BOULDER CITY ARPT-SW end NE/SW rnwy unusable. (2-21)
DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)

[redacted]

FALLON NAAS-Closed except in emerg. (4-11)
FERNELY INT, SITE 22, SF-SL-Rough with soft areas due to wind erosion, soft sand, mrkd. Avail. days only. (3-11)
HAWTHORNE ARPT-Traffic is 1500' outside of city mile square and 600' altitude Civil acft advised to enter and leave fld by following the main thru hwys and not fly directly over any bldgs. (3-3)
HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd. (4-5)
LAS VEGAS-RADIO: March 3, VHF range commissioned cont on test basis at lat. 36-11-06, long. 115-05-48. Bear and dist, stn to McCarran Fld: 24°, 4 2 mi Freq. 109.1 mcs. Ident. "LQ". Courses: visual: 29°, 209°; aural: 119°, 299° Mag. var: 16° E. Simult voice channel and rcvg watches avail 24 hrs daily Stn class: VAR-DTV. Stn now guards 3117.5 kcs, 116 1, 122 1 mcs Disregard spurious signals.
LAS VEGAS AAF-RADIO: About May 8, voice fac and ident "LQ" will be comm at CAA ILS. Ident will be transmitted cont and will not be interrupted for voice transmissions. Voice transmissions will be made simultaneously with all other operational functions of the system. (4-24) FLD: Bndry, rnwy range lgts in cont ngt operation. Rnwy ctc lgts and neon approach lgts are not avail midnight to 0800 daily. (2-17)
TAHOE SKY HARBOR ARPT (GENOA)-Trans or inexperienced pilots avoid using. (8-5)
WELLS INT, SITE 48, SF-SL-To be abandoned May 15, 1947. (4-24)
YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)

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BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind conditions In calm air conditions, take-off and land to NW. Unlgtd 34' hangar under const adj to bldgs S border fld. Bcn oper intermittently. (4-4)
BRATTLEBORO-HINSDALE ARPK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)
CONCORD ARPT-Use rnwys only. Turf areas soft. Lgts Rnwy 3-21 inop (4-7)
DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (2-17)
FRANCONIA ARPK-Avail. ski equipped acft only (2-20)
GRENIER FLD (MANCHESTER)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp syspended until further notice. (4-24) Army ILS temp inop.(3-6)
HOOKSETT LAND AND SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)
LACONIA ARPT-Safety strips rough. Holes and cave-ins edges E/W rnwy. (4-12)
LAKES REGION ARPT (WOLFEBORO)-Turf strip unsafe (flooded areas)(4-7)
LEWIS FLD (LITTLETON)-Center of fld dangerous when wet (2-17)
NEWPORT ARPT-60' trees N end N/S strip. (10-9)
WHITEFIELD ARPT-Ski-equipped acft land off rnwy. (2-20)

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ATLANTIC CITY-RADIO: VHF rng operating on test basis only.
★ATLANTIC CITY NAS-RADIO: Navy GCA sys avail Weather minimums ceiling 200', visibility 1/4 mi. Avail. on 30-minute notice (4-25). FLD: Avail 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hr previous arrangement with Opers Officer. (12-11)
CALDWELL-RADIO: VAR range will be comm soon at lat 40-50-45, long 74-23-00 Freq. 109.1 mcs. Ident. "NU". Visual courses: 112°, 292°; aural courses: 22°, 202°. Var. 11° W. Class: VARW. (3-24)
CALDWELL-WRIGHT ARPT (CALDWELL)-Right traffic when taking off and landing from SW, Rnwy 22. (4-24)
CAPE MAY CGAS-Clsd to trans acft except in emerg. (caretaker status-no facs)
COYLE ARPT (CHATSWORTH)-Avail. emerg only. (3-3)
HADLEY ARPT (NEW BRUNSWICK)-Use only cinder rnwys in wet weather (2-27)
LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S (1-29)

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LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)
MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)
MILLVILLE ARPT-Rnwys incorrectly mrkd. N/S Rnwy 18-36 should be 1-19; NE/SW Rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE Rnwy 12-30 should be 14-32. Bndry lgts inop. Ctc lgts E/W, N/S rnwys inop. (4-4)
NEWARK ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile grnd traffic. (4-23) FLD: Closed to all acft without 2-way rdo. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 28 rough. Pilots are to make approach for numeral on rnwy. No hangar space for Army acft. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to red approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip. Rnwy 1-19 closed. (4-28) To reduce the noise of acft flying over Newark Residential areas and to avoid tall bldg section following must be complied with: 1. Increase the rate of climb as much as practicable. 2. N-bound or E-bound acft make left turn as soon as practicable when taking off to SW. 3. Make a half left turn as soon as practicable when taking off to W. 4. Make a half right turn as soon as practicable when taking off to N. Pass at least 500' to E of gas tanks lctd in Harrison when making a southerly direction approach to the N/S rnwy. 5. Whenever practicable the arpt traffic controller will suggest the use of rnwys which will permit the acft to avoid passing over residential and tall bldg areas. (9-7)
OCEAN COUNTY ARPT (ADAMSTON)-Const NE/SW strip. (2-25)
RED BANK ARPT-Area starting from hwy W 1200' to the intersection of the N/S strip unusable. E end E/W strip seeded. Closed to acft over 10,000 lbs except by prior fone arrangements. (4-22)
SOMERSET ARPT (SOMERVILLE)-On W take-off start left turn as soon as practicable. On NW take-off make gentle right turn as soon as practicable followed by wide left hand pattern. (3-16)
TETERBORO AIR TERMINAL (BENDIX)-Const. Pilots using fld do so at their own risk. Rdo rcvrs rqrd all acft using fld. Unsurfaced taxiways rough. (4-8)

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ALAMOGORDO AAF-RADIO: Army range inop. Army twr freq of 126.18 mcs inop. (4-8) FLD: Ltd lighting Rnwys 3-21,7-25,15-33. Wind tee inop. (3-25)
*ALBUQUERQUE-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (4-17)
ALBUQUERCUE ARPT-Used by WAA. Avail. only for delivery surplus acft, prospective purchasers of surplus acft or parts, or in emerg. E/W rnwy closed. (4-18)
CLOVIS AAF-No opers office. Avail. days only-lgts inop. (3-24)
CONDRON FLD-See notice under White Sands Proving Ground, N.M.
CREWS FLD, SITE 42, EO-PU-(RATON)-Avail. days only. (3-18)
GALLUP ARPT-E/W rnwy closed. (3-18)
GALLUP CITY ARPT-ENE/WSW strip under const. (3-18)
HOBBS AAF-Rnwys 3-21, 12-30 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)
HOBBS MUN. ARPT-Allway landing area rough. Heavy acft use rnwys only.(3-18)
JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened.(5-28)
KIRTLAND FLD (ALBUQUERQUE)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile grnd traffic. (4-5)
LAS VEGAS ARPT-Use rnwys only, bal fld unsafe. (2-21)
LOVINGTON ARPT-Cattle on fld. (9-16)
MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (3-18)
**ME-TEX ARPT (HOBBS)-ABANDONED.

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PARKER FLD (RUIDOSO-FT. STANTON)-Cattle on fld. (9-16)
ROSWELL-Inten inst. train. on Roswell Radio Range below, above, and in overcast. Acft inbound to Roswell or operating in vicinity under IFR, contact Roswell Radio for instructions.
ROSWELL AAF-Ltd parking. (2-16)
SANTA FE ARPT, new-Army acft rstd from refueling except in extreme emerg. (1-15)
TULAROSA ARPT-Use E/W strip only. (9-16)
WHITE SANDS PROVING GROUND All AAF acft intending to land at Condron Fld, White Sands Proving Ground will be cleared to Biggs Fld, Tex., and will obtain permission and instructions from Biggs Fld Opers before landing at Condron Fld. When Condron Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by rdo prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condron Fld. (10-14)

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ALBANY ARPT-Equip. on fld intermittently. (2-22)
AMSTERDAM ARPT-CLOSED (soft). (4-11)
BENDER-BRENTWOOD FLD (BRENTWOOD)-Const on fld-ctn. (2-18)
BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)
BUFFALO ARPT-Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. Rnwys and taxi strips mrkd with black flags for winter opers. Lclzr screen 16' beyond lclzr bldg SW end NE/SW rnwy, lgtd. Projects 4' above obst lgts on lclzr bldg. (3-13)
CHEMUNG CO. ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on rcc. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practices consistent with safety. (2-22)
CHRISTIE ARPT-Fld soft. Closed to trans acft. (3-8)
FLOYD BENNETT FLD NAS (NEW YORK)-Closed 1700 to 0800. (2-20)
FLUSHING ARPT-Right traffic on N and NW wind from 315° to 360°. All turns to left on ground. (3-28)
FORT PLAIN INT, SITE 40A, CV-AZ-Unsafe heavy acft-soft. Lgt acft use ctn. (4-5)
FULTON ARPK-Right traffic when landing S and SE. (3-31)
*GLENS FALLS, 18, LG-UL-Name changed to Glens Falls Arpt. (4-15)
GLOVE CITY ARPT (GLOVERSVILLE)-CLOSED (deep mud). (4-10)
**GLOVERSVILLE-Large danger area estab. approx 12 mi N within the following described area: beginning at lat 43-48-15, long. 75-15-30; SE to lat 43-20-00, long. 74-00-10; SW to lat 43-08-40, long. 74-39-00; NW to lat. 43-37-00, long. 74-54-40; NE to point of beginning.
HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)
HYLAN FLD (ROCHESTER)-Use strips only-ctn when wet. (5-18)
IDLEWILD-RADIO: CAA ILS comm Apr 9, for purposes of pilot training and familiarization only. Hrs of oper: 8:30 to 5:00, Mon-Fri. Serves Rnwy C (ENE/WSW), with approach from WSW. Mag. heading for landing: 72°. Lclzr freq. 109.5 mcs. Ident. "NY". Glide path freq. 332.6 mcs, angle: 2.6°. Outer mrkr lctd 5.8 mi from end of Rnwy C, keyed 2 dashes per second. All acft utilizing this installation must clear with Navy twr at Floyd Bennett Fld. Idlewild Arpt is under const and minimum alt. permitted during simulated approaches will be 200'. (4-11)
IDLEWILD-Obst lgts atop all loop antenna poles inop except on SE pole. (1-13)
IDLEWILD ARPT-Not yet opened-const. (3-13)
ISLIP-RADIO: VAR range will be comm on test oper soon at lat 40-50-30, long. 72-57-57. Freq. 108.3 mcs. Ident. "IP". Visual courses: 61°, 241°; aural courses: 151°, 331°. Var. 12° W. Class: VARW.

ITHACA ARPT-Right traffic pattern in use. (3-3)
KINGSTON-ULSTER ARPT (KINGSTON)-ESE/WNW strip closed. (3-20)
**LA GUARDIA FLD (NEW YORK)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (3-25) FLD: Antenna pole 12' high lctd 100' SW of glide path erected and obst lgtd. (4-16) ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190° N of NE/SW rnwy, lgtd. Obst lgts atop lclzr shack approach end Rnwy 22 and end Rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. 40' GCA truck and trailer 500' W of intersection Rnwys 4-22 and 13-31, mrkd. (2-24)
LONG MEADOW ARPT (REXFORD)-Avail. ski-equipped acft in emerg only. (4-16)
MacARTHUR FLD (ISLIP)-Mobile ILS units 20' high on all rnwys 500' from rnwy centerline, lgtd. Acft use ctn-unconventional flight test oper. Equip. on fld daylgt hrs. (2-21)
MASSENA-156' twr Radio Stn WMSA lctd 232°, 3.0 mi SW, temp lgtd with red lgts on top. Upon completion lighting facs will consist of 300 mm flash. beacon atop and four side lgts; two at 1/3 level, 2 at 2/3 level. (9-9)
MASSENA ARPT-Use rnwys, taxi strips only-turf rough. (2-21)
**MERCURY FLD (HAMMONDSPORT)-CLOSED. (3-28)
MITCHEL FLD (HEMPSTEAD)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 18-36 closed. (12-18)
NANTICOKE VALLEY ARPK (MAINE)-Flares avail. in emerg. (3-17)
NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)
NEW HACKENSACK ARPT-CLOSED. (3-10)
NEW HACKENSACK, BCN SITE 6, LG-UL-Soon, rot. bcn with green course lgts will be comm at lat 41-38-09, long. 75-52-34. Elev 261' MSL. (11-25)
NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following areas over New York Harbor: beginning at lat 40-36, long. 73-15; to lat 40-49, long. 72-30; to lat 40-00, long. 72-30; to lat 40-00, long. 73-15; thence to point of beginning. (2-6). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.
NEW YORK CITY-See Special Notice "Restriction on Flight of AAF acft in New York City Area".
NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", see Special Notice, page 146.
NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2000 to 0800. (4-3)
OLEAN ARPT-Fld hazardous. Keep off graded rnwy. Fone prior to using. (3-6)
PENN YAN ARPT-Ctn at N/S and E/W intersection. Soft in wet weather. (3-4)
PICKAIR SEAPLANE BASE (OSSINING)-Unmrkd shad poles in Hudson River. Land in known area only during April and May. (4-11)
PULASKI ARPT-Use center of rnwys only. Sides soft. (4-5)
RANDALL'S ARPT (MIDDLETOWN)-Fld soft in wet weather. (3-1)
REPUBLIC FLD (FARMINGDALE)-Closed ngts. No lgt facs. (3-3)
RIDGEWAY ARPK (ROCHESTER)-Use rnwys only-extreme ctn in wet weather.(3-27)
ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days. (2-24)

ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Rnwys 6, 33; left traffic pattern Rnwys 10,15,24. Hospital 3/4 mi from Rnwy 28-avoid if possible, Clump of trees 125' to left and 700' from end of Rnwy 24. (4-18)
SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed ordinance that any person violating traffic pattern, Federal and State regulations subject to a penalty of $100 for each violation. Closed to heavy acft.
SALAMANCA ARPT-Right traffic pattern when landing and taking off to W-variable pattern to clear houses 1000' W of end of strip. (10-9)
SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)
SCHENECTADY CO. ARPT-Equip. on fld intermittently. Use rnwys only, grass areas soft. (3-26)
SCHOHARIE CO. ARPT (RICHMONDVILLE) Right traffic when landing to the E. (11-18)
SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with ctn. (2-21)
SMITHPORT INC. (UTICA)-Hangars under const. Avail. ski-equipped acft only. (2-21)
STEPHENTOWN-RADIO: FM to be reletd on E course of Albany, N.Y. range.(3-6)
STEWART FLD (NEWBURGH)-No army acft will be cleared this fld under IFR.(4-4)
SYRACUSE MUN. ARPT-Turf areas soft after heavy rains. (2-21)
TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (2-25)
TROY ARPT-Bcn inop. (10-10)
VALLEY AIR PARK (MIDDLEBURG)-Fld soft. Right traffic when landing to NW. New strip under const. Present strip will have equip. on it all summer. (3-17)
WESTCHESTER ARPT INC. (ARMONK)-Const, tree removal equip., trucks on fld. (4-15)
WESTFIELD INT, SITE 13, CV-AZ-Course lgts will be changed to red approx May 15. (4-22)
WINGDALE ARPT-Avail. lgt acft only-rough. (3-21)
ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N. (1-24)

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ASHEVILLE-RADIO: Apr 18, VHF range comm at lat 35-23-28, long. 82-32-44. Visual courses: 110°, 290°; aural courses: 20°, 200°. Ctn-range unmonitored. Unattended and should not be used for navigational purposes. Freq. 108.7 mcs. Ident. "VP'L. Class: VARW. "N" signal to N. Blue sector to W, yellow to E.
ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip. on fld. No rdo facs. (1-7)
ATLANTIC MCAAF-Use in emerg only (caretaker status-no facs).
BALLOON FIELD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT. No army maintenance.
★BOGUE MCAAF-RADIO: Navy twr decomm. (4-17) FLD: Use in emerg only (caretaker status-no facs). (4-16)
BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
BURLINGTON ARPT-N/S strip and all sod area unusable. Use rnwys only. (2-20)
CAP ARPT (RALEIGH)-S 200' N/S strip unusable. SW 1400' NE/SW strip under const. (2-10)
★CHERRY POINT MCAS-RADIO: Navy GCA sys avail. Weather minimums ceiling 300', visibility 1/2 mi. Avail. on 30 minute notice. (4-25)
DOUGLAS ARPT (CHARLOTTE)-Bcn code ident. inop. (2-27)
EDENTON NAS-Use in emerg only (caretaker status-no facs).
ELIZABETH CITY-RADIO: Soon, VHF range without voice will be comm at lat 36-14-49, long. 76-17-25. Freq. 108.3 mcs. Ident. "ES". Class: VARW. Aural courses: 126°, 306°; visual courses: 216°, 36°. "N" signal to N. Blue sector to W, yellow sector to E. Will be operated on unmonitored basis. Will be

unattended and should not be used for navigational purposes. (4-10)

ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1900 to 0700 except on prior arrangement. Civil acft use only in emerg or with prior permission of the CO. Closed to acft exceeding 60,000 lbs gross weight. (3-27)

FORT BRAGG-Heavy firing is being conducted in all sections of Ft. Bragg danger area up to 20,000'. All acft must avoid this area shown on Flight Planning Chart 93 herein. Inten training days with rdo control target planes from fld 6 mi due E of N end Pope Fld. Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.

GASTONIA MUN. ARPT Training program consisting of from 2 to 6 acft in progress ngtly during CFR conditions. All flights conducted below 3000'. (1-29)

GREENSBORO-HIGH POINT ARPT-Both sides Rnwy 32 to intersection soft, rutted. Use rnwys only. No Navy svcg facs. (3-25)

HICKORY-RADIO: VHF range without voice comm at lat 35-43-30, long. 81-16-48. Visual courses: 72°, 252°; aural courses: 162°, 342° . Freq. 108.3 mcs. Ident. "HO". Class: VARW. "N" signal to E. Blue sector to N, yellow sector to S. Ctn-range unmonitored, unattended and should not be used for navigational purposes.

KINSTON MCAAF-Avail. civil. acft only in emerg. (11-13)

MANTEO-RADIO: Navy FM on SE course of Weeksville NAS Navy range temp inop. (3-31)

**MORGANTON ARPT-ABANDONED.

NEW BERN-RADIO: Apr 22, VHF range without voice comm at lat 35-05-20, long. 77-06-50. Aural courses: 125°, 305°; visual courses: 35°, 215°. Freq. 109.9 mcs. Ident. "NB". Class: VARW. "N" signal to N. Blue sector to W, yellow sector to E. Ctn-not monitored, unattended and should not be used for navigational purposes.

★POPE FLD (FT. BRAGG)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army twr now transmits on 396 kcs., 126.18 mcs. (4-16) FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT. BRAGG. 73 oct. avail. that fld. (1-31)

RALEIGH-DURHAM ARPT-ILS and transmitter bldgs 900' from NE end NE/SW rnwy Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. Use rnwys, taxi strips only. (3-5)

ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)

ROCKY MOUNT-RADIO: Apr 22, VHF range without voice comm at lat 35-59-00, long. 77-45-45. Aural courses: 171°, 351°; visual courses: 81°, 261°. Freq. 109.1 mcs. Ident. "RI". Class: VARW. "N" signal to N. Blue sector to W, yellow sector to E. Ctn-not monitored, unattended and should not be used for navigational purposes.

SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.

SMITH REYNOLDS ARPT (WINSTON-SALEM)-NE/SW, N/S rnwy lgts very dim. (3-31)

**STANLY ARPT (ALBERMARLE)-ABANDONED.

THOMASVILLE ARPT-Ctn-strip rolling. (3-25)

WEEKSVILLE NAF-LTA-Avail. HTA and LTA acft from 0800 - 1630, all other times by prior arrangement with the CO or Operations Officer. (2-27)

**WEST JEFFERSON ARPT-ABANDONED.

WILMINGTON-RADIO: Apr 22, VHF range without voice comm at lat 34-21-40, long. 77-53-30. Aural courses: 146°, 326°; visual courses: 56°, 236°. Freq. 108.7 mcs. Ident. "VT". Class: VARW. "N" signal to N. Blue sector to W, yellow sector to E. Ctn-not monitored, unattended and should not be used for navigational purposes.

WINSTON-SALEM-RADIO: About May 5, stn will be shut down until approx June 5 for conversion to an SMRLZ fac. (4-25)

BISMARCK ARPT-Use rnwys only. Equip. on fld intermittently. Army acft rstd from refueling except in extreme emerg. Crash and fire fighting equip. avail. 0800 to 1900 only. (12-5)

CHANDLER ARPT (WILLISTON)-Use strips only, bal fld rough. (5-10)

DAWSON INT, SITE 63, HL-TWIN CITIES-CLOSED (water, mud on fld). (3-24)

**DEVILS LAKE MUN ARPT-Port. lgts on NW rnwy on req. (10-25).

DICKINSON ARPT-Bndry lgts E side N/S rnwy inop. (4-27). These data rcvd too late for (I) symbol.

FARGO ARPT-HECTOR FLD-Weather below CFR minimums indicated by oper of bcn days and flash. tetrahedron lgts ngts. (3-13)

GRAND FORKS ARPT-Temp pwr line extending N/S 400' E of E/W rnwy, unlgtd. Thirty 50' tanks adj to NE corner fld, temp lgtd. Use rnwys only, soft shoulders. (4-15)

MOHR ARPT (FESSENDEN)-CLOSED (soft). (3-24)

PENBINA INT, SITE 14A, FO-WG-Heavy acft use rnwys only. Soft spots off rnwys (4-25)

VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Strips soft. Use rnwy during thaws. (2-26)

AKRON ARPT-Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg on arvl and dptr. Ltd svcg facs only. (1-22)

BEDFORD ARPT-Rough. Center of fld closed, mrkd with red flags. (3-17)

BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)

BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N, W and SW. (3-1)

BROOKFIELD ARPT-CLOSED (grading). (2-27)

BROOKLYN ARPT (CLEVELAND)-Trans acft land at own risk. (2-22)

BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. Fld closed to heavy traffic until May 1, 1947. (2-26)

CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)

CHARDON ARPT-Use rnwys only. Fld soft in wet weather. (2-25)

CHERRY FORK INT, SITE 4, CC-WA-CLOSED. (3-14)

★CINCINNATI-RADIO: Adtnl VHF voice avail. on 111.1 mcs. (4-23)

CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)

CLEVELAND ARPT-Trans pilots must register in Terminal Bldg upon arvl and dptr. Landing fee on all civil multi-engine acft. Glide path transmitter and antenna being const 760' NE and 200' W of approach end Rnwy 5L, mrkd. (4-7)

CLINTON CO. AAF (WILMINGTON)-Rnwy lgts avail. on one hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC Center upon entering or prior to dptr from ATC area. Inten inst train. being conducted; for danger area outline see Chart Columbus 59. (1-22)

COLDWATER INT, SITE 4, DY-GO-Soft. (3-17)

CONNEAUT ARPT-Closed to heavy acft. Ctn in wet weather. Use strips only. (3-27)

DAYTON ARPT-Use rnwys only-soft. Equip. on fld. For remainder of winter two 30" cones placed approx 100' beyond ends all rnwys as supplement to flush range lgts. Sod areas W of Rnwy 18-36 and N of Rnwy 9-27 rough-use in emerg only. (3-30)

FAIRFIELD-RADIO: Army FM unreliable. (2-17)

GRIESER ARPT (WAUSEON)-Use strips only. (7-3)

GRIMES FLD (URBANA)-Use strips only. Land according to wind tee lctd in center of fld. (3-1)
LAKEWOOD AIRPARK (CINCINNATI)-Right traffic E, left traffic W. (2-23)
LANSDOWNE ARPT (GREENVILLE)-Fld soft when wet. (2-25)
LIMA ARPT-CLOSED (soft). (3-30)
LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclzr of Army ILS inop. (12-30)
LORAIN SKYPORT-NE/SW rnwy temp shortened to 1800' (water main being dug across SW corner fld). Trans acft avoid fld in wet weather. Soft intermittently until June 1. (3-27)
LUNKEN ARPT (CINCINNATI)-Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. (3-28)
MANSFIELD ARPT-Use rnwys, taxi strips only. Equip. on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (1-17)
MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW, NW/SE strips extend into cultivated area W end fld. (6-4)
MEDINA PRICHARD ARPT (MEDINA)-E/W, NE/SW strips closed. Land N-S in W portion of sodded fld. Watch where lcl acft land. (2-3)
MIDDLETOWN ARPT-Right traffic pattern taking off to S, SW and W.
NORWALK ARPK-CLOSED (soft). (3-24)
NORWALK ARPT-Ditch N end N/S strip adj to side of road. (7-26)
OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use rnwys only. (2-26)
PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E, NE, SE. (3-3)
PATTERSON FLD (FAIRFIELD)-RADIO: Army ILS (SCS-51) is to be used for CFR training flgts. Flgts will not descend below 200'. FLD: Equip. on fld. Line of telephone poles 50' high near approach Rnwy 34, lgtd. Rnwys 3-21, 7-25 closed; 16-34 only avail. (4-21)
PAULDING CO. ARPT (PAULDING)-Soft when wet, land at own discretion. (2-26)
PORT COLUMBUS NAS (COLUMBUS)-RADIO: Compass lctrs at middle and outer mrkr sites of CAA ILS will be comm soon. (3-8) FLD: Use rnwys only-grass areas rough. Glide path and neon approach lgts not operating pending removal of obsts in approach lane. Port. 30' twr lctd on Curtiss Wright taxi strip W side of fld 800' from E/W rnwy and 800' from NW/SE rnwy daily from 0800 to 1700 until May 19. (4-28)
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)
REED'S FLD (WATERTOWN)-Heavy acft use ctn in wet weather. (4-21)
SKY HAVEN ARPT (NORTHFIELD)-Ctn when wet. (2-24)
STOMBAUGH ARPT (BRYAN)-Ctn wet weather. Use rnwys only. (2-20)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Test flying Land according to wind tee atop NE corner of hangar. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots must register in Opers Office upon arvl and dptr. (2-26)
TOLEDO ARPT-Equip. on fld 1500' S, intersection. (4-18)
WARD ARPT (BEDFORD)-SW end NE/SW strip under const. Strips unusable during thaws. (3-2)
WELLINGTON ARPT-Right traffic on S and SW rnwys. Const N end N/S rnwy. Closed during thawing weather. (3-13)
WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS ACFT EXCEPT IN EMERG. All trans Army and Navy acft use Patterson Fld. (3-18)
YOUNGSTOWN-RADIO: About May 1, concurrent with comm of CAA twr stn will discont rcvg watch on 3117.5 kcs. (4-28)
YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (3-13)
ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded areas. Tetrahedron ngts on req only. Rnwy in use lgtd cont. (3-13)

ALTUS AAF-Avail. only for delivery surplus mil acft or in emerg. Equip. on and near N/S rnwy. (3-17)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg. only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten ctc and inst train. in progress. (3-11)
CADDO FLYING SERVICE (FT. COBB)-Use with ctn when wet. (3-9)
CIMARRON FLD (YUKON)-Now a WAA Sales and Sto. Center. No svcg, repairs or overngt sto. Planes parked on fld. 4 strips indicated by pylons and mrkrs. Lime mrkings center of each strip. (3-17)
**COMMERCIAL ARPT (DURANT)-ABANDONED.
COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (3-17)
ENID AAF-Ltd parking facs. Use rnwys, taxiways only. (1-29)
GAGE-RADIO: About May 12, SW course will be realigned to 39°. (4-26)
**GARTHOEFFNER COUNTRY CLUB (OKLA CITY)-Name changed to Country Club Arpt. (4-7) See Page 82.
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
**GUTHRIE INT, 21, FV-WD-This fld is no longer maintained by CAA. Name changed to Guthrie Mun Arpt. (4-7) See page 82.
GUTHRIE MUN ARPT-Course lgts changed to red. Bndry lgts decomm. (3-17)
**HALLIBURTON FLD (DUNCAN)-Bndry, range, obst and approach lgts comm. (11-5) See page 80.
**HATBOX ARPT (MUSKOGEE)-Lgts not oper. (4-7) See page 80. Use rnwys only - parked acft.
IDABEL ARPT-Avoid S 1/3 N/S strip after heavy rains. (2-28)
**JAMESON ARPT (PICHER)-ABANDONED. (4-7)
LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (3-17)
MAXWESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only. Lcl traffic avoid flying over bldg area and corporate limits of Norman. (3-17)
NUCKOLS FLD (OKLAHOMA CITY)-Use rnwys only. (1-14)
POST FLD (FT. SILL)-All except liaison acft use rnwy. Rnwy unlgtd; closed ngts, Const, equip. on fld. Bcn atop water twr inop. (3-7)
**PURCELL-LEXINGTON ARPT (LEXINGTON)-Name changed to Lexington-Purcell Arpt. See page 82.
ROOSEVELT-RADIO: Ctn - VHF rng unmonitored. (4-10)
**SAYRE ARPT-Name changed to Archer Arpt (Sayre) (4-7) See page 80.
SHAWNEE ARPT-Use rnwys, taxi strips only. (3-17)
STILLWATER ARPT NO. 1-325' twr Rdo Stn KSPI being erected 4 mi SSE (160°) true. (2-20)
TINKER FLD (OKLAHOMA CITY)-RADIO: Army rng reliable for homing only.(3-6) FLD: Use rnwys, taxiways only. Stored acft adj rnwys. W ramp congested.(3-6)
**TISHOMINGO ARPT-ABANDONED. (4-7)
**TOPPER ARPT (VINITA)-ABANDONED. (4-7)
TULSA ARPT-RADIO: Glide path of CAA ILS inop. (4-7) FLD: Pilots without rdo watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only.(3-25)
WILL ROGERS FLD (OKLAHOMA CITY)-RADIO: Effect May 1, approach control procedures will be inaugurated. The Mustang approach control FM, 7.7 mi W on the W course of the Oklahoma City rng will be utilized as the holding fix. Approach control transmitting freqs are 118.7,109.9 mcs, 350,272 kcs. (4-28) FLD: Bndry lgts inop-ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. Use rnwys, taxi strips only. (4-9)
WOODRING FLD (ENID)-Use rnwys only. (6-5)

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BAKER ARPT-Equip. on fld daylgt hrs. Unlgtd trench approx 2' deep off rnwys near center of fld, within 5' of NW/SE, E/W rnwys, near center. Use rnwys only.

Bndry lgts N end fld inop. (4-24)
CIVIL AIR PATROL ARPT (WORDEN)-Soft when wet. Pilots use at own risk.(3-13)
COASTWAY SCHOOL OF AERONAUTICS (TILLAMOOK)-Right traffic W takeoffs and landings. (3-17)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade. (6-5)
HOOD RIVER ARPT-Avail. lgt acft. Soft when wet. (3-13)
**KLAMATH FALLS ARPT-Bndry lgts discont. Lgtd wind tee now lctd W center side of fld. (4-14) Rnwy lgts Rnwy 7-25 inop. (2-19)
LA GRANDE MUN ARPT-Equip. on fld days. (4-16)
LEXINGTON ARPT-Right traffic when landing to the E. (4-28) These data rcvd too late for ⓪ symbol.
MAHLON SWEET FLD (EUGENE)-Equip. on fld. Use rnwys only. (10-6)
MEDFORD AAF-RADIO: Effect Apr 25, oper of AACS operated HF-DF stn temp suspended until further notice. (4-24) FLD: Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or flood lgts. No maintenance mil acft. (3-12)
★ONTARIO-RADIO: Teletype facs not recomm as previously advertised. This corrects AIRGI Vol 2, No. 2. Recomm indefinitely delayed. Freq of MH fac changed to 305 kcs. (4-23)
PORTLAND-RADIO: Stn lctn mrkr decomm indefinitely delayed. (3-24)
PORTLAND ARPT-RADIO: Glide path of CAA ILS temp inop, disregard spurious signals. (4-11) FLD: Closed to acft not equipped with two way rdo. (4-24)
ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry. (12-3)
SANTIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W. (3-13)
SEASIDE ARPT-Right traffic S takeoffs and landings. (3-17)
**SKY HAVEN ARPT (BROOKS)-Name changed to Sky Acres Arpt. See page 1.
SUTHERLIN SKY RANCH ARPT-CLOSED. (3-22)
THE DALLES ARPT-NE/SW rnwy unlgtd. Pole line SW unlgtd. (3-19)
TILLAMOOK NAS-Rot. bcn operates from sunset to sunrise and during IFR conditions. Ctn during low visibility. High terrain surrounds stn in all quadrants (2-13)
TROUTDALE ARPT-Parked acft. (3-13)

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ALLENTOWN-RADIO: VHF rng comm Apr 24, operating without voice at lat 40-44-25, long. 75-27-20. Freq. 109.1 mcs. Ident. "XA". Visual courses: 107°, 287°; aural courses: 17°, 107°. "N" signal to N. Blue sector to W, yellow sector to E. Bear. from stn to N end N/S rnwy Allentown-Bethlehem Arpt: 178°, 5.7 mi. Class: VARW.
ALLENTOWN-BETHLEHEM ARPT-Areas off rnwys soft in wet weather. Flood-lgts Rnwys 9,14,18 inop. 150' twr Rdo Stn VSAN being erected 7 mi S (180°) true. (3-20)
BARRETT ARPT (CANADENSIS)-CLOSED (const). (12-18)
BEAVER FALLS ARPT-Patterson Heights Arpt-1.5 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2)
BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (4-8)
**BLOOMSBURG ARPT-Bcn, bndry, green course obst & wind tee lgts oper. from sunset to sunrise. (4-22) See page 48.
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (3-14)
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (3-11)
CECIL-RADIO: Visual and aural FM signals reported in Vicinity of Imperial, Pa. (7-17)

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CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. Soft when wet. (2-21)
CLEARFIELD ARPT-Right traffic when landing or taking off to the E, NE and SE. (4-3)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. Pwr lines E.(3-10)
CUB HAVEN AUX SEAPLANE BASE (LOCK HAVEN)-Closed winter months. (11-15)
DALEVILLE ARPT-Right traffic used on S to SE take-off.
EAST SCRANTON ARPT (SCRANTON)-Emerg use only. (5-28)
GORDON ARPT-NW/SE rnwy closed. Section being repaired mrkd with 50' white X and rnwy mrkd with red flags. (3-19)
GREATER PITTSBURGH ARPT (PITTSBURGH)-Use rnwys only-shoulders soft. CFR plans only. Ltd Army facs. Rnwy 32 closed. Equip. on fld. (1-20)
GREEN ACRES ARPT (HAZLETON)-Strips soft when wet, use sodded area only. Const N/S rnwy. Use NW/SE, E/W, NE/SW strips. (2-21)
GREENE CO. ARPT (WAYNESBURG)-Temp 50' derrick adj to N side of NE/SW rnwy mrkd. (1-28)
HARRISBURG STATE ARPT-Use rnwys only. (3-12)
JOHNSTOWN ARPT-Use rnwys only. (11-22)
KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (3-13)
**KEYSTONE PARK (EMPORIUM)-Lat 41-30, long. 78-16. See page 46.
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd. (3-12)
MADISON BCN SITE 16B, WA-CV-Bcn twr leaning 25° S displacing E-W course lgts. (4-12)
MILLARD ARPT (ANNVILLE)-Sod area soft. Use rnwys only. (1-22)
MT. JEWETT ARPT-Temp closed (snow). (1-11)
MT. POCONO ARPT, SITE 21, BJ-LG-Ruts along extreme SE side NE/SW rnwy. Use ctn when taxiing this area. (3-24)
MT. UNION ARPT-Left traffic 600' pattern. Student training. Land according to wind tee S end fld. Wind sock atop hangar. In wet weather, use only rnwys, taxi strips. (3-13)
MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport planes over 9900 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (1-27)
OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld. 81' high tension wires across approach zones Rnwys 29, 14. Lgtd obsts between Rnwys 29, 32, approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use rnwys 11, 32 for ngt landings. (12-26)
PHILADELPHIA NORTHEAST ARPT-Use rnwys only. Equip. on fld intermittently days. Trans pilots must register in Admin Bldg on arvl and dptr. (4-9)
PHILADELPHIA SOUTHWEST ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile grnd traffic. (4-14) CAA ILS will be comm May 2. Approach bearing 85° mag. Lclzr freq 109.9 mcs, lctd 216' E of E end Rnwy 9. Ident. "PG". No simultaneous voice. Glide path freq 333.8 mcs, lctd 400' N of centerline and 800' E of W end Rnwy 9. Glide angle 2.4°. Alt over outer mrkr 1300' MSL; over middle mrkr 180' MSL. Middle mrkr lctd 3500' (0.66) mi W from W end Rnwy 9, keyed alt dots and dashes. Outer mrkr lctd 5.66 mi from W end Rnwy 9, keyed 2 dashes per sec. Outer compass lctr lctd at outer mrkr site, freq 230 kcs, ident. "F". (4-26) FLD: Closed to non-rdo-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. (3-13)
PHILIPSBURG-RADIO: Following repairs, courses aligned by grnd check only.(4-2)

PITTSBURGH-RADIO: DF stn temp inop. (11-24)
PITTSBURGH-ALLEGHENY CO. ARPT-N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo equipped acft. Truck and trailer N edge NW/SE rnwy, lgtd. Flash. ident. bcn inop. (4-19)
PITTSBURGH-BETTIS ARPT-Right traffic on NE and NW rnwys. (3-14)
PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (3-14)
READING ARPT-RADIO: CAA ILS oper on Rnwy 36 on exper basis. Lclzr on 109.5 mcs. Not flgt-checked. Lclzr temp inop. (11-11) FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld days. Right traffic on Rnwys 13 and 18. (1-15)
STAR VALLEY ARPK (CHARLEROI)-Equip. on fld intermittently. Ctn in wet weather. (4-1)
SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings. (4-8)
VALLEY FORGE ARPT (NORRISTOWN)-E/W, NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic temp; on W or SW use left traffic. (3-13)
WEST CHESTER ARPT-Strips under const. (4-15)
★WILKES-BARRE-RADIO: 24 hr weather reporting service and interphone now avail. (4-23)
WILKES-BARRE-SCRANTON ARPT (WILKES-BARRE)-Closed ngts. (4-23)
WILKES-BARRE-WYOMING VALLEY ARPT-Use rnwys only. Closed ngts. Bndry and obst lgts avail. in emerg or by prior req. (3-29)
WILLIAMSPORT ARPT-Closed ngts. Rnwy lgts avail. for emerg landings or by prior req. (4-8)
WILLOW GROVE NAS-Closed from official sunset to 0600. (3-14)
WINGS FLD (AMBLER)-Being seeded. Equip. on fld. (3-26)

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★CHARLESTOWN NAAS-RADIO: Navy GCA sys relctd at Quonset Point NAS. (4-25) FLD: Closed 1800 to 0700. Flights desiring landings during closed hrs must notify stn 1 hr prior ETA. (3-13)
GREENE ARPT, T. F. (PROVIDENCE)-Wind sock turf area 300' S of control twr. Soft spot on turf area S of rnwy intersection, mrkd. Effect. May 1, during daylgt hrs arpt rstd to acft equipped with at least a functioning 200 to 400 kc rcvr. During hrs of darkness rstd to acft with functioning 2-way rdo. (4-11)
PROVIDENCE-RADIO: VHF range will be comm soon at lat 41-40-32, long. 71-50-49. Freq. 108.7 mcs. Ident. "PR". Visual courses: 59°, 239°; aural courses: 149°, 329°.
★QUONSET POINT NAS-RADIO: Navy GCA sys avail. Weather minimums ceiling 200', visibility 1/4 mi. Avail. on 30-minute notice. (4-25)

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★CHARLESTON-RADIO: Apr 17, SW course realigned to 46°. Flight-checked, courses correctly aligned.
CLARK FLD (CHARLESTON)-Strips rough. (4-28)
CONGAREE FLD (COLUMBIA)-NG svcg not yet avail. (3-25)
★FLORENCE-RADIO: Apr 22, range freq changedto 320 kcs. Flight-checked Apr. 25, courses correctly aligned.
FLORENCE ARPT-Closed ngts (bcn, rnwy, obst lgts inop). Use rnwys only. (3-13)
GEORGETOWN CO. ARPT (GEORGETOWN)-Bcn inop. (4-28)
GREENVILLE AAB-Occasional heavy glider traffic. Maintenance 0830 to 1700 only. Acft parked on E/W rnwy. (4-1)

SOUTH CAROLINA

JENNINGS ARPT (ORANGEBURG)-115' unlgtd derrick 3/4 mi N. (3-21)
LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr inop. (3-25) FLD: Control of air traffic discont. Bndry lgts inop. (4-11)
**LITTLE ROCK ARPT-ABANDONED.
MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. (1-29)
MYRTLE BEACH-RADIO: Apr 22, VHF range without voice comm at lat 33-43-20, long. 78-53-15. Aural courses: 145°, 325°; visual courses: 55°, 235°. Freq. 108.3 mcs. Ident. "MU". "N" signal to N. Blue sector to W, yellow sector to E. Class: VARW. Ctn - unmonitored, unattended and should not be used for navigational purposes.
MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 50 mi radius during IFR. (12-17)
OWENS FLD (COLUMBIA)-Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd. (4-8)
**PALMER ARPT (BENNETTSVILLE)-ABANDONED.
PARRIS ISLAND MCAS-Use in emerg only (caretaker status - no facs).
SHAW FLD (SUMTER)-No 73, 91 oct. (12-11)
WOODWARD FLD (CAMDEN)-Use rnwys, taxi strips only - fld tie-downs in this area. No facs for closing flight plans other than fone. Flgt plans should be closed with Shaw Fld twr before landing. Closed ngts. (4-28)

SOUTH DAKOTA

ABERDEEN ARPT-Equip. rmvd. These data rcvd too late to delete Ⓓ symbol.
ANDERSON ARPT (MITCHELL)-Areas off rnwys soft in wet weather. (3-27)
BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (3-27)
BIEDENFELT FLD (FAULKTON)-Hay stacks on fld. Use strips only. (3-27)
BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn. (3-27)
**EUREKA ARPT-ABANDONED.
MILLER INT, SITE 44, CX-HR-Soft during thawing weather. (3-31)
★PHILIP-RADIO: Apr 29, VHF voice fac comm at commun stn. Transmits on and guards 116.1 mcs cont. These data rcvd too late for inclusion on data page, chart.
SIOUX FALLS MUN. ARPT-Use rnwys only. Tetrahedron rmvd. Infld rough 100' E of center of NE/SW rnwy, mrkd. (4-8)
W.W. HOWES ARPT (HURON)-N/S, E/W strips soft at intersection, mrkd. Heavy acft avoid mrkd section. Closed to acft exceeding 25,500 lbs. (4-22)

TENNESSEE

BERRY FLD (NASHVILLE)-RADIO: Outer mrkr of CAA ILS inop for installation of compass lctr. (4-15) FLD: Use rnwys only-rnwy,taxiway shoulders soft. (1-13)
CHATTANOOGA ARPT-LOVELL FLD-Intermittent dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (2-27)
CORNELIA FORT AIRPARK (NASHVILLE)-Landings and take-offs to S use left hand traffic, to N right hand traffic. (7-24)
CUMBERLAND FLD (NASHVILLE)-Strips under const.
DYERSBURG-RADIO: Apr 22, VHF rng without voice comm at lat 36-01-11, long. 89-19-00. Aural courses: 106°,286°; visual courses: 16°,196°. Freq. 109.1 mcs. Ident. "DJ". Class: VARW. "N" signal to N. Blue sector to W, yellow sector to E. Ctn-unmonitored, unattended and should not be used for navigational purposes.
EMBRY RIDDLE FLD (UNION CITY)-Use rnwys only - parked acft.
**GALLATIN INT, 66, DL-LV-ABANDONED. Crs lgt changed from green to red - no change in charc. (4-21)
**KENNON FLD (UNION CITY)-ABANDONED. (4-2)
KNOXVILLE-McGHEE TYSON ARPT-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin Bldg. (3-13)

TENNESSEE

LEBANON AIRPORT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)
McKELLAR AIRPORT (JACKSON)-Use rnwys only - parked acft.
MEMPHIS ARPT-RADIO: CAA ILS with exception of outer compass lctr flight checked and operating normally. Outer compass lctr will be relctd about Apr. 15, 4.88 mi from the W end of the E/W rnwy. Ident. "P", freq. will be changed to 215 kcs. (4-10) Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 MPH. At such times, traffic will be controlled by lgt gun signal from lctr atop term bldg on S side arpt. (11-19)
**MEMPHIS ARPT-Three 470' twrs 12 mi W; lgtd. (4-12) Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way radio transmitting on one of the following freqs: 3105, 4495, 6210 kcs. Other acft may land by obtaining previous authorization from CAA Inspector. Student instruction in private acft not permitted. Ltd facs. No 91 oct. (1-16)
MEMPHIS FLYING SERVICE-Right traffic N take-offs and landings; left traffic S take-offs and landings. NE/SW, E/W rnwys closed. (2-24)
MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flight plans should be addressed to "MEMPHIS NAVY" Exten flight opers in 15 mi radius. Traffic left at 1000'. Red rot. bcn indicates IFR. (2-8)
OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only. (1-13)
★SMYRNA AAF (NASHVILLE)-RADIO: Correct Army ILS glide path freq 332.6 mcs. (4-25) Army ILS temp inop. (3-7)
TRI CITY ARPT-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (4-8)

TEXAS

**ABERNATHY #1-ABANDONED. (4-9) See page 104.
ABILENE-RADIO: Stn guards 3117.5 kcs 2300 to 0700.
ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr. (3-13)
ALICE ARPT-Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. (3-17)
ARLEDGE FLD-MAIN AIRDROME (STAMFORD)- Use rnwys only. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (3-17)
ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe, NW/SE rnwy usable with ctn. Rnwy lgts inop. (3-17)
ASHERTON ARPT-High brush-use strips with ctn. (3-17)
ATLANTA MUN ARPT-Cattle on fld. (11-15)
AUSTIN-RADIO: Stn guards 3117.5 kcs 2300 to 0700. Range flight-checked, courses correctly aligned, break in stn location marker light pattern. (5-23)
AUSTWELL INT, SITE 5A. CR-HU-Unsafe (soft, wet). (4-14)
AVENGER FLD (SWEETWATER)-Use rnwys only. (3-21)
BAY CTTY ARPT-260' rdo twrs being erected 3 mi ENE (75°) true. Will be lgtd upon completion. (3-24)
BERGSTROM FLD (AUSTIN)-RADIO. Army ILS temp inop. (3-7) FLD. NE/SW, NW/SE rnwys closed. (2-10)
BIGGS FLD (EL PASO)-See notice under White Sands Proving Ground, N M. (12-26)
BIG SPRING-RADIO: Stn gds 3117.5 kcs 2300 to 0700. (2-27)
BROOKS FLD (SAN ANTONIO). Equip. on fld. (3-24)
**BROWN FLD (BONHAM)-ABANDONED.
BROWNSVILLE-RADIO: Commun stn guards 3117.5 kcs during hrs 2400 to 0800. (2-23)
BRUCE FLD (BALLINGER)-Holes in fld-use rnwys only. (3-17)

TEXAS

**BURKBURNETT ARPT-ABANDONED.
CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW, SE rnwy. (1-8)
CHILDRESS-RADIO: Ctn - VHF rng unmonitored. (4-10)
CLEBURNE NORTHWEST ARPT-250' twr rdo stn KCLE being erected 1.5 mi NNE (28°) true. (2-3)
CLEVELAND-RADIO: Ctn - VHF rng unmonitored. Courses grnd-checked only. (4-23)
CLIFF MAUS FLD (CORPUS CHRISTI)-Use rnwys only during wet weather. (3-15)
**COMB'S ARPT (MARATHON)-Correct location: Lat 30-11-45, long 103-13-30. See page 118.
COMMERICAL ARPT (EDINBURG)-Two 250' twrs being erected 2 mi W (273°) true. Rdo Stn KCBD erecting three 315' twrs 2.5 mi SE (123°) true. (3-24)
CORPUS CHRISTI-RADIO: Commun stn guards 3117.5 kcs between hrs 2300 to 0700 (2-25)
**CORSICANA COMM. ARPT-ABANDONED.
CUDDIHY FLD (CORPUS CHRISTI)-RADIO: Municipal twr comm. Operates 1230 to 2130, daily except Weds. Lgt gun oper only. (3-21) FLD. Traffic left 600'. Bndry, obst. rnwy lgts and tetrahedron avail. sunset to 2300 only. (4-14)
CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings to be made within orange cone bndrys. (3-12)
**DALHART ARPT-ABANDONED.
DENTON ARPT-Use N/S rnwy only. (2-21)
DIMMIT COUNTY ARPT (CARRIZO SPRINGS)-Use in emerg only. Const. (2-24)
DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)
**DYCHE FLD (FT. STOCKTON)-ABANDONED.
EAST SIDE ARPT (LONGVIEW)-320' rdo twr being erected 3 mi SSW (196°) true. (2-25)
**EDEN ARPT-ABANDONED.
EDNA ARPT-Ctn when wet. Use strips and taxi strips only. (2-22)
EGYPT, BCN SITE 13, ZN-HU-Soon will be perm discont. (12-12)
ELDORADO ARPT-E/W strip soft in wet weather. (3-17)
ELLINGTON FLD (HOUSTON)-Closed to VHB acft except in emerg. (4-14)
**EL PASO MUN-Neon approach lgts & green course lgt rnwy 22 comm. April 14, 1947 (4-14)
**ENGLISH FLD (AMARILLO)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-18) FLD: Five 300' twrs 15 mi NE, obst lgtd. (4-5) Use rnwys, taxi strips only. (3-1) 175' tank being erected 6 mi WSW (255°) true. 250' derrick being used during const, lgtd. (4-5)
FAIRCHILDS, BCN SITE 16, ZN-HU-Soon, will be perm discont. (12-12)
**FLIERS FLD (DALLAS)-ABANDONFD.
FLORESVILLE, BCN SITE 2, ZN-HU-Soon will be perm discont. (12-12)
FORNEY-RADIO: FM on E course of Dallas range inop. (12-31)
**FORT CLARK FLD (BRACKETTVILLE)-ABANDONED.
**FORT HANCOCK ARPT-ABANDONED.
★FT. WORTH AAF-RADIO: Apr 11, Army twr freq changed to 317 kcs. FLD: E/W rnwy, Rnwy 17R-35L closed. 40' trees immediate end Rnwy 35L. (3-27)
FORT WORTH SEAPLANE BASE-Proximity to AAF calls for the use of discretion in circling the Seaplane Base. Traffic patterns are all away from the AAF. Ramps and beaching dollies under const. (1-8)
GARWOOD, BCN SITE 11, ZN-HU-Soon will be perm discont. (12-12)
GASKIN FLD (SHERMAN)-Cattle on rnwys-emerg landings only. (3-24)
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (3-17)
**GOODFELLOW FLD (SAN ANGELO)- Two 251' rdo twrs stn KGKL 4 mi N,

lat 31-29-39, long 100-24-55, lgtd. (4-23) Use rnwys only. Ctc Goodfellow Rdo 15 mi out in IFR weather. Acft flying N or E on range maintain odd 1000' alts. Acft flying W or S maintain even 1000' alts unless otherwise advised by Goodfellow Rdo. Local inst acft using range. Ltd parking, svcg facs. (1-8) Effective May 1 fld will be temp inactive with no facs. (4-22)

GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (4-8)

GUTHRIE-RADIO: Ctn - VHF rng unmonitored. (4-10)

HALLETSVILLE, BCN SITE 8, ZN-HU-Soon will be perm discont. (12-12)

HEARNE BCN SITE, 15, GS-WC-Bcn inop. (5-16)

HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. Const on rnwys. (4-1)

HICKS FLD (FT WORTH)-Use strips only-parked acft. (1-2)

HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-28)

HITCHCOCK NAF-LTA-RADIO: 6390 kcs transmitter and rcvr temp inop. (3-12)

**HOUSTON ARPT-Ceilometer lctd 1200' N of twr. (4-15) Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip. on fld. (4-22)

JOAQUIN-RADIO: Ctn - VHF rng unmonitored. (4-10)

JUNCTION-RADIO: VHF range will be comm soon at lat 30-38-00, long 99-58-43 Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°, 308°, aural courses: 38° 218°. (3-21)

KELLY FLD (SAN ANTONIO)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Acft on fld. Use rnwys only. 190' lgtd twr const W of Rnwy 14-32. 150' water twr under const 1-1/2 mi SE, not lgtd. (4-16)

KENDLETON, BCN SITE 14, ZN-HU-Soon, will be perm discont. (12-12)

**LAKE JACKSON ARPT (FREEPORT)-ABANDONED.

LAMESA ARPT-260' rdo twr being erected approx 3.5 mi SE (130°) true. (3-17)

**LAMESA COM ARPT-ABANDONED.

LAREDO-RADIO: Range flight-checked Apr 16, courses correctly aligned. Stn ictn mrkr oper erratic.

LAREDO MUN ARPT-Flight opers from old terminal S end fld discont. Fence conts across taxiway leading to bldg. Fence lctd approx 600' E of S end Rnwys 35R and in direct line with regular fence at S end fld. This section no longer included in arpt area. All opers being conducted from new terminal W side fld. (4-8)

LONE OAK, BEACON SITE 5, DL-LV-Temp discont. (9-18)

LOVE FLD (DALLAS)-RADIO: CAA ILS flight-checked Apr 18, oper normal. FLD: Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr ceilometer projector 1000' N of twr. Acft must be equipped with rdo tuned to twr freq. (4-2) 520' rdo twr under const 8.7 mi SE (120°) true. (1-30)

MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)

**MARFA (OLD) ARPT-ABANDONED.

MARSHALL ARPT-304' twr being erected 3 mi NW (317°) true, lgtd. (2-11)

MEACHAM FLD (FT. WORTH)-In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115°) true, temp lgtd. Grain elevator 967' MSL, 9100' N of N end N, S rnwy on extended centerline directly on lcizr course. 1000' extension being const S end N, S rnwy. Equip. in const area. Discontinuance of approach lgt lane on N end N, S rnwy postponed. 285' twr rdo stn KCNC being erected 5 mi SE (135°) true. (3-24)

MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lgts. (3-17)

**MOUNT PLEASANT ARPT-ABANDONED.

NIXON, BCN SITE 4, Zn-HU-Soon will be perm discont. (12-12)

ORANGE ARPT-Use NW/SE, E, W strips only. Fld flooded after rains. (3-17)

**PADUCAH ARPT-ABANDONED.

PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (3-17)

PERRIN FLD (SHERMAN)-Rnwy 3-21 closed. Acft parked S edge fld.

PILGRIM, BCN SITE 5, ZN-HU-Soon will be perm discont. (12-12)

POUNDS FLD (TYLER)-Use rnwys only, bal fld rough and unsafe. (2-21)

PYOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)

RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. (12-27)

RAYMONDVILLE INT, SITE 5, JI-FV.Rough. (3-3)

RIO GRANDE VALLEY INTERNATIONAL ARPT (BROWNSVILLE)-Rnwy 4-22 closed Use rnwys, taxi strips only. Civil. acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. Rnwy 17L-35R closed for ngt scheduled air carrier opers due to inadequate rnwy lighting. Obst lgts atop fourteen 90' antenna poles 3 mi SSW inop. 180' rdo twr being erected 3 mi SSE (158°) true. (4-11)

ROBERT MUELLER ARPT (AUSTIN)-Acft landing or taking off on Rnwy 34R use right traffic pattern. Acft landing or taking off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E, W taxi strip NW section fld closed. (1-14)

ROCKPORT ARPT-Closed except in emerg. Fire and crash equip. removed. (3-17)

RUSK CO. ARPT (HENDERSON)-Use rnwys and taxi strips only. (1-30)

**RUTHERFORD ARPT (GREENVILLE-ABANDONED.

SALTILLO, BEACON SITE 9, DL-LV-Temp discont. (9-18)

SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Sta and adhere to instructions issued by San Antonio A.T.C. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Tower.

SAN ANTONIO ARPT-ALAMO FLD-RADIO: CAA ILS flight-checked Apr 16, oper normal. FLD: Acft arriving after dark rqrd to have two-way rdo. (2-27)

SAN BENITO INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)

SAN MARCOS AAF-Ctn-helicopter and liaison pilot training. (10-15)

SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Ltd transportation no housing, messing facs. (3-21)

**STAMFORD MUN ARPT-ABANDONED.

STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9, 14, 17, 22. Left traffic on all other rnwys. Traffic 800' above terrain 1367' MSL. Avail. days only. Rnwy 17-35 closed. (3-17)

T.C.U. ARPT (FORT WORTH)-Use E W strip in wet weather. (2-21)

TERRELL, BEACON SITE 6, FV-AG-Temp discont (9-18)

TEXARKANA-Demolition operations are being conducted approx 15 mi WSW Texarkana arpt, 0800 - 1615 daily except Sat and Sun. All acft cautioned to fly above 1500' over this area.

VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only. (12-30)

VIENNA, BCN SITE 10, ZN-HU-Soon will be perm discont. (12-12)

**WALLACE FLD #2 (KAUFMAN)-ABANDONED.

WHITE FIELD (BRADY)-CLOSED. (8-7)

WINK ARPT-Rnwy lgts inop. (4-26)

WOLFE CITY ARPT-Use in emerg only. (2-25)

UTAH

BRYCE CANYON-RADIO: 116.1 mc transmitter and receiver, 131.7 mc receiver and 111.1 mc transmitter temp inop. (10-2)

DELTA ARPT-Trans acft use rnwys, taxi strips only. (4-8)

ENTERPRISE INT, SITE 39, LA-SL-Closed to lgt acft-rough. 25' unlgtd bldg under const adj fld 90' N of SE corner. (3-13)

[redacted]

MILFORD ARPT, SITE 45, LA-SL-Unlgtd bldgs SE corner fld S of and adj to bcn twr. Trench across taxiway, mrkd. Bndry lgts N and W sides fld disconnected and bndry mrkrs being removed for runway extensions. Dirt areas soft. (3-22)

PROVO ARPT-Entire fld closed to multi-engine acft. E/W rnwy closed. Closed nights. (4-23)

★ROBERT H. HINCKLEY FLD (OGDEN)-RADIO: Effect Apr 27, priv twr now operates 0600 to 2230. These data rcvd too late for inclusion on data page. FLD: NE/SW rnwy lgts inop. N/S rnwy lgts oper cont during hrs of darkness when twr inop. (3-15)

SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. Closed to ngt opers. (4-20)

SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor sys which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3)

SALT LAKE CITY ARPT NO. 1-Prevailing wind rnwy lgts operating ngts. Use rnwys taxiways only-shoulders soft. Right traffic when winds are from S, SE or E. (4-20)

WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip area, from 0800 to 1800. See chart 23.

WENDOVER FLD-Obst lgts on mtns N and W of fld inop. (4-7)

[redacted]

VERMONT

BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)

BURLINGTON ARPT-Use rnwys only. Parked acft N side E/W taxi strip. (4-3)

VIRGINIA

ALBERTA ARPT-ENE/WSW strip rough. Ends, sides ENE/WSW, NNW/SSE strips mrkd by 12' yellow mrkrs. (1-14)

ALEXANDRIA ARPT-NW/SE rnwy lgtd until 1700 every ngt for 1000'. Approx 1500 of AGA reflectors extending beyond the lgts. (2-21)

ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (2-4)

**ARCOLA-Voice fac comm Apr 24. No scheduled weather bdcast. Range flight-checked Apr 23, courses correctly aligned.

**BLACKSTONE ARPT-284' twr erected by WSVS approx 14.5 mi NW at lat. 37-11-56, long. 78-10-19, lgtd. (4-7) Tetrahedron oper erractic and lights inoperative (3-3)

BYRD FLD (RICHMOND)-RADIO: CAA ILS lclzr ground checked only (4-9)
FLD: Ltd army svcg facs. Avoid using 1000' rnwy extensions. Rnwy, taxiway shoulders soft. Acft landing this fld without establishing rdo commun with twr watch carefully for lgt gun signals-twr lctd in center of triangle of rnwys. (2-18)

CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)

CHINCOTEAGUE NAAS-Closed 1700 to 0800 except on req with 2 hrs notice. Bcn operates al l ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. IFR flight plans accepted only 0800 to 1630 Mon thru Fri except on holidays and on 2 hrs notice. Fld lighting sys under repair unreliable. Use rnwys, taxi strips only-soft shoulders and trenches along sides of rnwys and taxi-strips. Equip. on fld. Pilotless rdo-controlled acft operating days Mon thru Fri. Other acft in vcnty proceed with ctn. (2-28)

DAHLGREN NAF PROVING GROUNDS-CLOSED TO ALL (INCLUDING TRANS MIL) ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Except in emerg or on req (with 2 hrs notice) the field is only open 0730 to 1615 Mon thru Fri inclusive. Off. flights must be cleared thru one of the following: Naval Air Stns: Anacostia, D.C.; Patuxent River, Md.; Norfolk, Va.; Quonset Point, R.I.; Cape May CGAS, N.J.; Inyokern NAF, Calif.; NAF Torpedo Stn, Newport, R.I.; Naval Act Factory Philadelphia, Pa.; Cherry Point MCAS, S.C.; Quantico MCAS, Va.; AAF Proving Gnds, Eglin Fld, Valpariso, Fla; Langley Fld, Va.; Wright Fld., Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md.; Lakehurst NAS, N.J. (3-10)

DANVILLE-RADIO: INSAC will be recomm soon. (4-9)

DANVILLE ARPT-Use rnwys, taxi strips only, bal fld soft, rough. Only Rnwy 2-20 lgtsl ngts. Tetrahedron free swinging. (1-11)

EMPORIA ARPT-Fixed tee, wi nd sock E side fld indicating rnwy in use (12-28)

FENTRESS NAAS-Use in emerg only (caretaker status-no facs). (2-19)

HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (3-31)

HOPEWELL ARPT-NE/SW and NW/SE strips under const. (3-21)

LANGLEY FLD-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) N course of Army range swinging 5° W, bear. 167°. (1-15) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. (1-14)

LOVING FLD, SITE 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (4-4)

★LYNCHBURG-RADIO: Bear and dist., stn to Preston Glenn Airport: 165°, 1.9 mi. (4-24). These data rcvd too late for inclusion on data page.

MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status - no facilities) (2-19)

MOUNT VERNON-See Special Notice under District of Columbia.

NORFOLK-RADIO: VHF range fcomm FOR TEST PURPOSES ONLY. Lctd at lat. 36-48-18, long. 76-12-06. Ident. "NW". Freq. 108.7 mcs. Visual courses: 20° 15', 200° 15'. Aural courses: 107° 15', 287° 15'. Class: VARW. Aligned by ground check only. (3-7)

NORFOLK NAS-EAST FIELD-Pilots on Southbound coastal flights inbound IFR between 0700-2400 to NAS Norfolk shall establish radio contact with Navy Chincoteague Radio for further clearance instructions from ATC Norfolk Pilots on Northbound coastal flights inbound IFR between 0700-1900 to NAS Norfolk shall establish contact with Navy Weeksville Radio for further clearance instructions from ATC Norfolk. Pilots on either Southbound or Northbound coastal flights inbound IFR to NAS Norfolk at other than the above stated hours contact Norfolk Radio or Navy Norfolk Tower earliest possible for further clearance instructions. (3-18)

OCEANA NAAS-Facs avail. 0800 to 1630 Mon thru Fri . Acft clearances not accepted at other than designated hrs. Emerg. acft clearances accepted any time upon prior notification. (4-8)

ORANGE CO ARPT-Strips muddy in wet weather (4-4)

PENINSULA ARPT (HAMPTON)-Right traffic pattern. (1-24)

PETERSBURG ARPT-Avail. emerg landings only. (1-20)

PRESTON GLENN ARPT (LYNCHBURG)-Use rnwys only during and after wet weather. Two poles 4200' E of E/W rnwy. (2-7)

QUANTICO MCAS-Closed sunset to sunrise except in emerg. (11-14)

RICHMOND-Elko Aux Fld, 5 mi E of Richmond AAB, is similar in design and layout to the Richmond AAB, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse the two fields.

**RICHMOND AAB-Name changed to Byrd Field (Richmond). (4-16)

ROANOKE-RADIO: Following adjustments, courses may have shifted.

**SCOTT FLD (WILLIAMSBURG)-ABANDONED.

SHENANDOAH ARPT-N/S strip under const. Grading equip. on fld. Soft in wet weather. NE/SW strip mrkd by cone mrkrs. (3-15)

UNIVERSITY OF VA AIRPORT (CHARLOTTESVILLE)-Caution on E/W strip in wet weather. (3-17)

VALLEY ARPT (WAYNESBURO)-Ctn when wet. (3-17)

WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Radio or circle fld before landing. (3-7)

WOODRUM FLD (ROANOKE)-Ext local traffic days. Acft landing without establishing radio communication with twr must conform to local traffic patterns Observe twr at all times for lgt gun signals especially on base leg and final approach

[redacted]
Clear rnwy immediately after landing. Mil acft utilising VHF freq should listen for control twr instructions or observe lgt signals from twr in response to their transmissions. All acft departing should determine proper rnwy and taxi route from twr or operations prior to taxiing. (2-26).

[redacted]
SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart #3, Spokane Sectional, and Washington 5 Danger Area Charts).

ARLINGTON NAAS-Unmrkd cable span being erected 11 mi E 76° true. Cable will run N/S between lat 48-13, long. 121-55, on Wheeler Mtn, and lat 48-11-30, long. 121-55-00 on Blue Mtn. Cable anchorage levels at approx 3800' on both Mtns and will be approx 1000' above valley floor. Vertical-down-haul will be attached at mid-span terminating at the ground in Jim Creek Valley. (3-12)

BARRY'S SKYHARBOR ARPT (TACOMA)-Right traffic, W take-offs and landings. (3-17)

BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt. (2-3)

BOEING FLD (SEATTLE)-Daylgt CFR opers-lgt acft use mrkd dirt landing strip E side fld adj to main rnwy. Traffic patterns made to E at 1000'. Right traffic when taking off the NE. Flash. amber lgt on twr indicates right pattern in relation to dirt landing strip. All turns, taxiing off or back on dirt area made toward twr. Acft using dirt strip avoid flying over main rnwy or approaches. Watch for air and ground traffic. Lgt gun signals for take-offs and final approaches only. Heavy acft use rnwys, taxi strips. Equip. on fld. All unscheduled acft landing at Boeing Fld must register with Co. Fld Office, excepting only those who have made other arrangements with fld management. Equip. S of Admin Bldg loading ramp, avoid flagged area. Holes E side main taxiway, N and S of Admin Bldg. (4-4)

BUENA ARPT-Right traffic E take-offs and landings. (3-17)

CLE ELUM ARPT-Right traffic E takeoffs and landings. (3-17)

COLVILLE ARPT-NW/SE strip closed. (11-6)

COUNTY-CITY ARPT (PORT TOWNSEND)-Right traffic E takeoffs and landings. (3-17)

COUPEVILLE OLF-Closed except in emerg.

EASTON-RADIO: About May 4, MH and voice facs operating on 278 kcs and rcvg on 3105,4495,6210,3117.5 kcs., plus weather reporting services will be recomm. MH fac will oper on req only (4-10)

★EPHRATA-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (4-24)

FAIRWEATHER FLD (REPUBLIC)-Avail. all acft. These data rcvd too late to delete Ⓐ symbol. (4-25)

FELTS FLD (SPOKANE)-Lgt non-rdo equipped acft use mrkd graded areas S of main rnwy. Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy mrkd. Equip. on fld. (4-22)

KENMORE ARPT (BOTHELL)-Avail. emerg use only-cattle. (9-10)

**LAKESIDE FLYING SERVICE (BELLINGHAM)-ABANDONED. (4-11)

LONGVIEW SKYHARBOR SEAPLANE ANCHORAGE-Right traffic S takeoffs and landings. (3-17)

MARTIN FLD (COLLEGE PLACE)-Const, equip. on strips. Strip 2500 x 150' cleared and flagged center of fld for landing. (1-2)

McCHORD FLD (TACOMA)-RADIO: Effect. Apr. 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army HF/DF stn inop. (3-20) Army ILS (CAA type) temp inop. Middle mrkr to be relctd and present equip. will be modified. (3-13) FLD: Use rnwys, taxiways only. Equip. on fld. (12-11)

MERCER ARPT (SEATTLE)-Right traffic when landing to S. (3-19)

MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. Bcn inop. (3-20)

OLYMPIA ARPT-Rot. beacon flashing green and yellow used to warn local and transient aircraft of approach of scheduled transport aircraft Beacon turned on five minutes before arrival and turned off upon arrival and landing of acft. (12-7)

PAINE FIELD (EVERETT)-Ngt lighting immediately avail. to rdo equipped acft by contacting Everett Rdo. Closed to all other acft between sunset and sunrise except by arrangement with airport manager or Civil Aeronautics Administration Communications Station. (2-5)

PASCO-See Special Notice (first item under state heading)

PASCO NAS-Use in emerg only (caretaker status-no facs)

PIERSON ARPK (VANCOUVER)-Const. Use North E/W strip only. (3-17)

PULLMAN-MOSCOW REGIONAL AIRPORT (PULLMAN)-Available light acft only. (11-26)

PUYALLUP ARPT-Right traffic N takeoffs and landings. (3-17)

RICHLAND AIR BASE-NW/SE strip under const. (8-19)

S & S AIRSTRIP (PUYALLUP)-Right traffic S takeoffs and landings. (3-17)

SAVAGE FLD (CHENEY)-Moderate soil erosion intmtly. (9-14)

SEATTLE NAS-Single-engine acft approach stn from Kirkland at 1000' alts. Seaplane landing approach over Lake Washington from N or S under 200'. Rnwy 14-32 lgtd 30 minutes prior to arvls and take-offs and on req from sunset to sunrise. Tetrahedron lgtd sunset to sunrise. Three lgts 30' poles 150' E of Rnwy 14-32 near GCA unit. (1-29)

SEATTLE-TACOMA ARPT-RADIO: Soon, boundary and outer markers of CAA ILS will be discont, and outer mrkr will be relctd, 4-1/2 mi S of S end of N/S rnwy. Middle mrkr will be installed 3444' S of S end N/S rnwy, keying alternate dots and dashes. Glide path will be installed on 335 mcs, to be loctd 1150' N of S end of N/S rnwy and 400' W of centerline. Lclzr continues to operate on 110.3 mcs. Prior to and during const period signals may at times be spurious and are not to be relied upon for any purpose. (3-14) FLD: Equip. on fld days. Const approx 20' N of N end NW/SE rnwy. Glide path bldg and antenna mast being erected 400' W of N/S rnwy and 1150' from the S end thereof. (4-3)

SKY RANCH ARPT (COLLEGE PLACE)-Equip E 500' fld, daylgt hrs only. (4-22)

SPRAGUE ARPT-Use N side and 1050' W end of strip, bal rocky and soft. Cattle on fld. (9-14)

SULLIVAN LAKE ARPT (METALINE FALLS)-3' grass and weeds. (7-1)

SUNNYSIDE ARPT-Right traffic, S takeoffs and landings. (3-17)

TONASKET ARPT-Right traffic S or SW takeoffs and landings. (3-17)

WALLA WALLA AAF-No opers office. Equip. on fld days Mon thru Fri. (3-24)

WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)

WHIDBEY ISLAND NAS-AULT FLD-Bcn operates during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. (4-3)

WILBUR ARPT-Taxiway const W side of strip. (4-26)

WEST VIRGINIA

ELKINS ARPT-Ctc Elkins Rdo or circle fld before landing. (3-14)

LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (4-10)

SCOTT FLD (BECKLEY)-Use right traffic on N course. (4-7)

WHEELING-RADIO: Ctn - VHF rng unmonitored. (4-9)

WISCONSIN

ANTIGO ARPT-Use with ctn during thawing weather. (3-11)

BOYCEVILLE ARPT-Fld soft in wet weather. (2-17)

**CAMP McCOY ARPT-Correct lat 43-57-00, long. 90-45-15. See page 29.

CHAPLIN'S ARPK (PLYMOUTH)-Only E/W strip avail. (3-12)

CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (4-4)

EAU CLAIRE MUNICIPAL AIRPORT-Caution, equipment on runways and field area. (4-23)

WISCONSIN

GENERAL MITCHELL FLD (MILWAUKEE)-Equip. on fld days. Right turn procedures rstd to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi. E taxiway closed. Obst lgt atop 95' chimney SW corner fld inop. Rdo receiver rqrd for all lcly based acft. E/W rnwy closed until approx June 28-avail. taxiing only. (4-28)

GINNOW ARPT (OMRO)-Use strips only. (4-1)

LA CROSSE ARPT-Use rnwys only. (3-24)

**LONE ROCK INT, SITE 15, CG-TWIN CITIES-Bcn, bndry, obst, approach and range lgts oper dusk to dawn. (11-21). See page 29.

MARSHFIELD ARPT-Temp 125' rdo twrs with ngt lgts erected 8 mi ESE (105° true). (3-24)

MERRILL ARPT-Closed to heavy acft, soft. Lgt planes use at own risk. Use rnwys only. (3-23)

MOREY ARPT (MADISON)-Use strips only. (1-8)

**NEILSVILLE MUN. ARPT-Name changed to Neilsville Memorial Arpt. See page 13

OCONTO FALLS ARPT-Use strips only. (3-26)

PLATTE ARPT (PLATTEVILLE)-CLOSED (const). (3-20)

RICHLAND CENTER ARPT-Avail. lgt acft only. (4-8)

**ROCK CO. ARPT (JANESVILLE)-Correct lat 42-37-00, long. 89-02-30. (11-15). See page 40.

SHAWANO ARPT-Soft-land at own risk. (3-13)

SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (4-7)

SOLON SPRINGS ARPT-Hangars under const. (4-2)

STEVENS POINT ARPT-Use rnwys only. (1-20)

TOMAH ARPT N/S strip under const. (2-24)

TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Flood lgts and svcg not avail. 2230 until 0700 daily with the exception of Thrus when flood lgts and svcg not avail. after sunset. (4-8)

WINNEBAGO CO. ARPT (OSHKOSH)-Use rnwys only. All traffic left hand, 600' except E and NE which is right traffic 600'. (4-7)

WYOMING

ARCHER-RADIO: FM on E course of Cheyenne range will be decomm soon.

CASPER AAF-No opers office. Rnwy lgts Rnwy 34 inop. (3-24)

CHEYENNE-RADIO: Upon decomm and relctn of Egbert FM on E course Cheyenne range fac will be designated Hillsdale approach control FM and will operate with a bone-shaped pattern. (4-23)

CHEYENNE ARPT-RADIO: CAA ILS will be comm soon. Voice equipped lclzr on 110.3 mcs. Ident. "CX". Lctd 457' W of the W end of the E/W rnwy. Mag. heading for landing: 262°. Glide path on 335 mcs, lctd 982' W of approach end and 400' S of center line of E/W rnwy. Middle mrkr lctd 3461' E from approach end E/W rnwy, keyed alt dots and dashes. Outer mrkr 32,274' E from approach end of E/W rnwy, keyed 2 dashes. Middle compass lctr on 230 kcs. Ident. "X". Outer compass lctr on 260 kcs. Ident. "C". (3-18). FLD: Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (1-1)

EGBERT-RADIO: About May 1, FM on E course Cheyenne Range will be decomm for relctn to lat 41-09-30, long. 104-31-30. (4-23).

★FORT BRIDGER-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (4-24)

JACKSON MUN. ARPT-Cattle on fld intermittently. (5-20)

RAWLINS ARPT-Equip. on rnwys. (4-17)

★ROCK SPRINGS-RADIO: Stn now gds 3105,4495,6210,3117.5 kcs., 116.1,122.1 mcs. (4-25). These data rcvd too late for inclusion on data page.

SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equip. on fld intermittently. Ctc Sheridan Rdo for fld lgts. (2-6)

WARDWELL FLD (CASPER)-Use rnwys, taxi strips only, bal fld rough. 40' unlgtd pole erected at 30 million candle pwr ceilometer projector 1000' N of hangar. (4-8)

APRIL 29,1947

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON 25, D. C.
JANUARY 27, 1947

Revised May 1, 1947

TO OWNERS AND OPERATORS OF ALL AIRCRAFT:

LICENSING PROCEDURE - AIRCRAFT RADIO EQUIPMENT

Under the provisions of the Communications Act of 1934 (as amended), no person may use or operate any apparatus for the transmission of energy or communications or signals by radio, aircraft operation included, except under and in accordance with a station license in that behalf granted by the Federal Communications Commission and further under and in accordance with an operator's license issued to the individual operator by the Commission.

I. Station License for New Aircraft - Factory Equipped

The purchaser of a new aircraft which is factory-equipped with radio should immediately complete one copy of an Application for Aircraft Station License* for submission to the Commission. The manufacturer, dealer or distributor should also complete two copies of a Temporary Certification (F.C.C. Form 453-B)*, one copy of which should be mailed to the Commission with the above application for license and one copy of which should be placed aboard the aircraft as a temporary 30-day authority for the radio station therein. When the regular aircraft radio station license is received, it should be placed aboard the aircraft and the Temporary Certification removed.

II. Station License for New Radio Installation - Not Factory Equipped

When a radio installation is made aboard an aircraft subsequent to its purchase, the radio equipment may not be used until the regular radio station license is obtained. In this case the owner should complete and submit one copy of an Application for Aircraft Station License* to the Commission as soon as the details of the proposed installation are known. The license, when obtained, should immediately be placed aboard the aircraft.

III. Modification of Station License - Changes of Radio Equipment

The replacement of existing licensed equipment by equipment of a different type or model, or the installation of additional equipment aboard an aircraft, requires that a new license by obtained that accurately describes the complete modified installation. In this case application should be made for modification of the old license by completing and forwarding one copy of an Application for Aircraft Station License* to the Commission as soon as the details of the proposed installation are known. The old license may be retained for use during the period the old equipment is operated, but the new equipment may not be operated until the license covering that equipment is received and placed aboard the aircraft.

IV. Station License - Change of Owner - No change in Radio Equipment

When a radio equipped non-scheduled aircraft changes hands, the station license issued in the name of the previous owner remains valid for a period of 30 days for use of the same equipment by the new owner, provided the purchaser completes and forwards one copy of an Application for Aircraft Station License* to the Commission immediately. The new license should be substituted for the old one; immediately upon receipt.

V. Renewal of Aircraft Radio Station License

Application for renewal of an aircraft radio station license should be made approximately 30 days prior to the expiration date indicated on the license or in any temporary extension granted thereto. One copy of an Application for Renewal of Station License* should be completed and forwarded to the Commission for this purpose.

VI. Radio Operator License Requirements

Aircraft radio stations may be operated by the holders of certain specified grades of Radio Operator Licenses. They may be obtained upon application and examination at any of the Commission's District or Sub-Offices and, in addition, Aircraft Radiotelephone Authorizations may also be obtained from CAA designated flight examiners who have been selected by the FCC for that purpose.

VII. Station Identification - Radiotelephone Procedure

Aircraft stations frequently cause confusion by failure to properly identify themselves when calling or working by radiotelephone. If no other approved method of identification is adopted, as provided in the Commission's Rules, it is recommended that aircraft radiotelephone stations announce their official registration numbers in full at the beginning of each series of communications. In other communications of each series, the last three (3) numbers may be used, provided, the practice is first inaugurated by the ground station operator.

Note (*) Application Forms

The following forms may be obtained upon request to the nearest Field Office or the Washington, D.C., Office of the Federal Communications Commission:

F.C.C. Form 404 - Application for Aircraft Station License (For new or modified license for aircraft using chain frequencies)

F.C.C. Form 404-A - Application for Non-Scheduled Aircraft Station License (For new, modified or renewal license for aircraft not using chain frequencies) (Normally used for private aircraft).

F.C.C. Form 405 - Application for Renewal of Radio Station License (For renewal of license for aircraft using chain frequencies)

F.C.C. Form 453-B - Temporary Certification of New Aircraft (Certificate of Special Temporary Authorization for Operation of Radio Station on Board New Aircraft).

N.B. Please do not destroy as it may be needed late in connection with any change or addition to your aircraft radio equipment. Additional information on this or associated matters may be obtained at any time by addressing an inquiry to the Federal Communications Commission, Washington 25, D. C.

AERONAUTICAL CHARTS

U. S. Coast and Geodetic Survey Dates of Latest Prints

Dates in small type indicate minor changes which are not of sufficient importance to make the previous print obsolete. All charts carrying dates older than those shown in large type on this list are obsolete for use in flight.

SECTIONAL

Aberdeen	Dec. 11, 1945	Nov 25, 1946
Albany	Jan. 7, 1947	
Albuquerque	Mar. 7, 1947	
Aroostook	Dec. 31, 1946	
Austin	Jan. 28, 1947	
Beaumont	Jan. 28, 1947	
Bellingham	Oct. 22, 1946	
Birmingham	Oct. 2, 1946	
Boise	Apr. 30, 1946	Oct 25, 1946
Boston	Jan. 14, 1947	
Burlington	Dec. 31, 1946	
Butte	May 15, 1946	Nov 6, 1946
Casper	Nov. 7, 1946	
Charlotte	Oct. 25, 1946	
Chattanooga	Oct. 25, 1946	
Cheyenne	Nov. 21, 1946	
Chicago	Dec. 24, 1946	
Cincinnati	Oct. 25, 1946	
Cleveland	Jan. 7, 1947	
Corpus Christi	Feb. 4, 1947	
Dallas	Mar. 21, 1947	
Del Rio	Jan. 22, 1946	Jan 28, 1947
Denver	Mar. 11, 1947	
Des Moines	Dec. 13, 1946	
Detroit	Dec. 31, 1946	
Douglas	Jan. 14, 1947	
Dubuque	Oct. 2, 1945	Dec 12, 1946
Duluth	Jan. 8, 1946	Nov. 28, 1946
Elko	Nov. 1, 1946	
El Paso	July 25, 1946	Jan 17, 1947
Fargo	May 29, 1946	Nov 21, 1946
Glacier Park	Oct. 30, 1946	
Grand Canyon	Mar. 11, 1947	
Grand Junction	Mar. 11, 1947	
Green Bay	June 12, 1946	Dec 9, 1946
Huntington	Oct. 9, 1946	
Jacksonville	Feb. 7, 1947	
Kansas City	Mar. 18, 1947	
Klamath Falls	Nov. 7, 1946	
Kootenai	Oct. 28, 1946	
La Grande	Oct. 25, 1946	
Lake Huron	Dec. 30, 1946	
Lake Superior	June 13, 1946	Dec 3, 1946
Lake of Woods	May 24, 1946	Nov 19, 1946
Lewiston	Jan. 8, 1947	
Lincoln	Dec. 3, 1946	
Little Rock	Mar. 19, 1947	
Los Angeles	Feb. 25, 1947	
Miami	Feb. 24, 1947	
Miles City	May 13, 1946	Nov 12, 1946
Milwaukee	Dec. 31, 1946	
Minot	June 6, 1946	Nov 19, 1946
Mobile	Feb. 3, 1947	
Mt. Shasta	Oct. 25, 1946	
Mt. Whitney	Feb. 21, 1947	
Nashville	Oct. 13, 1946	
New Orleans	Jan. 29, 1947	
New York	Jan. 9, 1947	
Norfolk	Oct 23, 1946	
Oklahoma City	Sept. 23, 1946	
Orlando	Feb. 13, 1947	
Phoenix	Mar. 3, 1947	
Pocatello	Nov. 3, 1946	
Portland	Oct. 25, 1946	
Prescott	Mar. 5, 1946	Sept 3, 1946
Rapid City	Nov. 13, 1946	
Reno	Feb. 17, 1947	
Roswell	Sept. 16, 1946	
Sacramento	Feb. 16, 1947	
Salina	Mar. 15, 1947	
Salt Lake City	Nov. 7, 1946	
San Antonio	Jan. 28, 1947	
San Diego	Feb. 26, 1947	
San Francisco	Feb. 21, 1947	
Savannah	Oct. 25, 1946	
Seattle	Oct. 23, 1946	
Shreveport	Sept. 16, 1946	
Sioux City	May 31, 1946	Nov. 22, 1946
Spokane	Oct. 23, 1946	
Trinidad	Sept. 16, 1946	
Tulsa	Mar. 26, 1947	
Twin Cities	May 31, 1946	Dec. 6, 1946
Washington, D.C.	Oct. 22, 1946	
Wichita	Mar. 5, 1946	Sept. 16, 1946
Williston	Nov. 1, 1946	
Winston-Salem	Oct. 2, 1946	
Yellowstone Park	Nov. 1, 1946	

WORLD AERONAUTICAL - UNITED STATES

WAC 215	Oct. 19, 1946	WAC 266	Dec. 2, 1946	WAC 309	Jan. 10, 1947	WAC 364	Feb. 17, 1947	WAC 467	Feb. 4, 1947
WAC 216	Oct. 21, 1946	WAC 267	Nov. 22, 1946	WAC 310	Jan. 14, 1947	WAC 404	Feb. 28, 1947	WAC 468	Feb. 3, 1947
WAC 217	Nov. 1, 1946	WAC 268	Nov. 1, 1946	WAC 357	Oct. 13, 1946	WAC 405	Feb. 27, 1947	WAC 469	Jan. 22, 1947
WAC 218	Nov. 12, 1946	WAC 269	Oct. 28, 1946	WAC 358	Oct. 2, 1946	WAC 406	Sept. 13, 1946	WAC 470	Jan. 20, 1947
WAC 219	Nov. 12, 1946	WAC 304	Oct. 29, 1946	WAC 359	Oct. 2, 1946	WAC 407	Sept. 23, 1946	WAC 471	Jan. 15, 1947
WAC 262	Dec. 19, 1946	WAC 305	Nov. 12, 1946	WAC 360	Sept. 23, 1946	WAC 408	Oct. 3, 1946	WAC 522	Jan. 30, 1947
WAC 263	Dec. 19, 1946	WAC 306	Dec. 2, 1946	WAC 361	Sept. 11, 1946	WAC 409	Oct. 8, 1946	WAC 525	Feb. 13, 1947
WAC 264	Dec. 18, 1946	WAC 307	Dec. 4, 1946	WAC 362	Mar. 15, 1947	WAC 410	Oct. 13, 1946		
WAC 265	Dec. 5, 1946	WAC 308	Dec. 12, 1946	WAC 363	Feb. 17, 1947	WAC 466	Feb. 11, 1947		

RADIO DIRECTION FINDING

1-DF	Sept., 1946	21-DF	Jan. 3, 1947	24-DF	Nov. 21, 1946
2-DF	Sept., 1946	22-DF	Jan. 15, 1947	25-DF	Oct. 6, 1946
3-DF	Jan., 1947	23-DF	Mar. 4, 1947	26-DF	Oct. 30, 1946

LOCAL

Brownsville	Jan. 29, 1947	New York & Vicinity	Aug. 6, 1946
Los Angeles	Mar. 4, 1947	San Diego	Aug. 6, 1946
Miami	Feb. 18, 1947	Seattle	Nov. 28, 1946
		Washington	Nov. 7, 1946

WORLD AERONAUTICAL - ALASKA

WAC 62	Feb. 1946	Nov. 1946	WAC 77	Mar. 1946	WAC 119	Feb. 1947	WAC 138	Jan. 1947	
WAC 63	Jan. 1947		WAC 78	Mar. 1946	WAC 135	Nov. 1946	WAC 139	Mar. 1946	Dec. 1946
WAC 64	Mar. 1946	Dec. 1946	WAC 117	Feb. 1947	WAC 136	Jan. 1947	WAC 186	Mar. 1946	Dec. 1946
WAC 76	May 1946		WAC 118	July 1946	WAC 137	Mar. 1946			

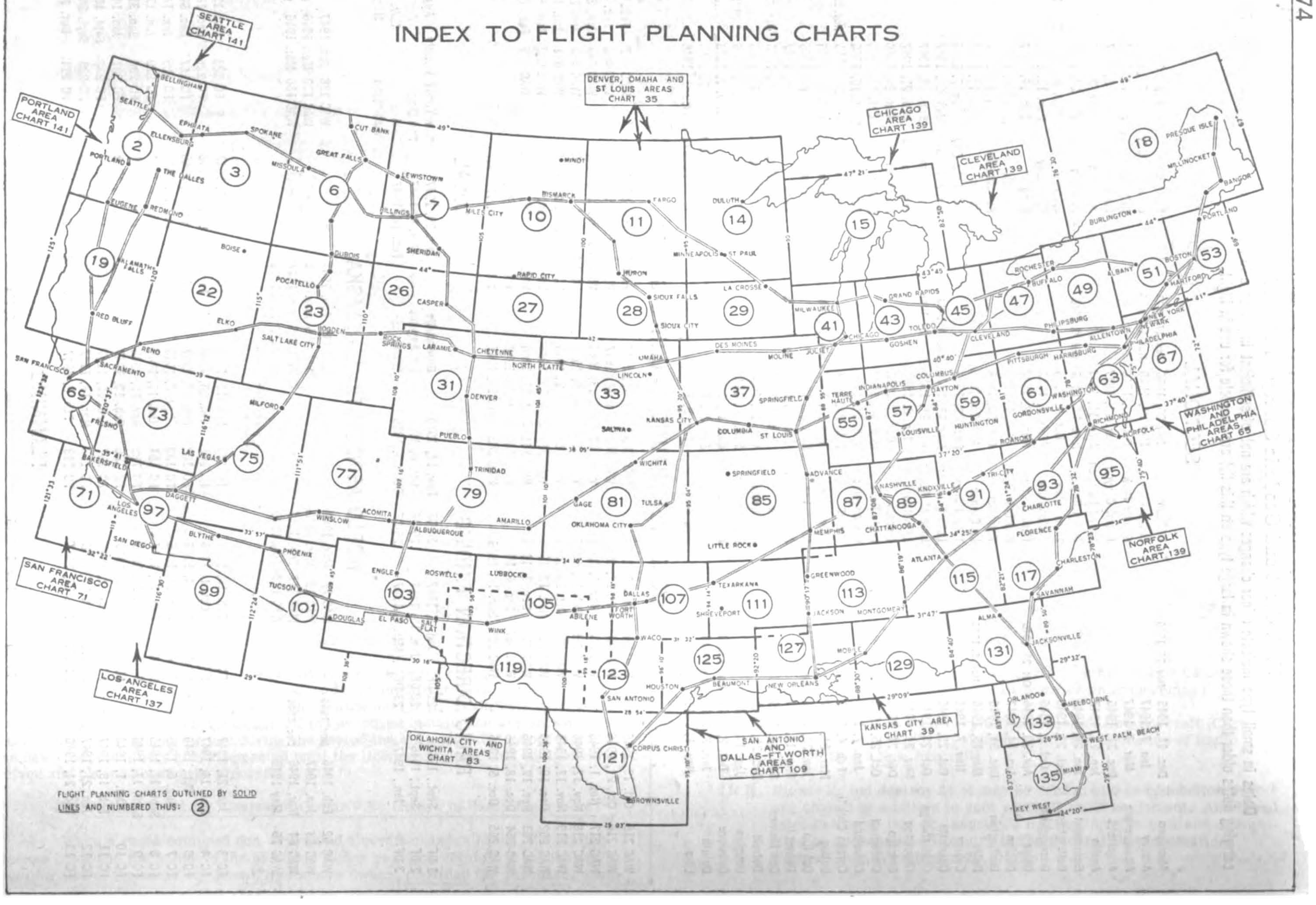
FLIGHT

FC 3	Jan. 21, 1947	FC 14	Feb. 18, 1947	FC 178	Nov. 13, 1946	FC 214	Jan. 5, 1947	FC 225	Dec. 19, 1946
FC 4	Mar. 18, 1947	FC 15	Oct. 1 1946	FC 181	Jan. 14, 1947	FC 216	Oct. 26, 1946	FC 226	Dec. 12, 1946
FC 6	Oct., 1946	FC 16	Dec. 24, 1946	FC 182	Feb. 12, 1947	FC 217	Sept. 13, 1946	FC 227	Dec. 30, 1946
FC 7	Aug. 6, 1946	FC 42	Nov 19, 1946	FC 183	Nov. 7, 1946	FC 218	Oct. 14, 1946	FC 228	Jan. 14, 1947
FC 8	Sept. 17, 1946	FC 43	Feb. 17, 1947	FC 184	Oct. 12, 1946	FC 219	Mar. 5, 1947	FC 229	Jan. 17, 1947
FC 9	Sept. 17, 1946	FC 173	Nov. 25, 1946	FC 185	Nov. 12, 1946	FC 220	Mar. 7, 1947	FC 230	Jan. 31, 1947
FC 10	Oct. 1, 1946	FC 174	Dec. 2, 1946	FC 186	Feb. 10, 1947	FC 221	Nov. 14, 1946	FC 231	Jan. 14, 1947
FC 11	Feb. 18, 1947	FC 175	Jan. 8, 1947	FC 187	Feb. 16, 1947	FC 222	Dec. 2, 1946	FC 232	Sept. 10, 1946
FC 12	Jan. 21, 1947	FC 176	Sept. 30, 1946	FC 188	Mar. 13, 1947	FC 223	Nov. 21, 1946	FC 233	Sept. 24, 1946
FC 13	Dec. 24, 1946	FC 177	Jan. 13, 1947	FC 213	Feb. 5, 1947	FC 224	Dec. 8, 1946	FC 234	Dec. 2, 1946

PLANNING

3060b	Nov. 1, 1945	3069a	July 9, 1946

INDEX TO FLIGHT PLANNING CHARTS



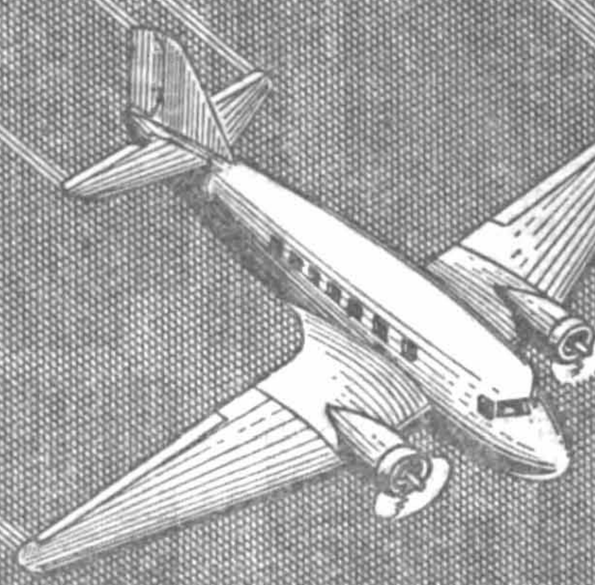
FLIGHT PLANNING CHARTS OUTLINED BY SOLID LINES AND NUMBERED THUS: (2)

SPECIAL NOTICE

As is obvious, the Guide is being revised. Certain inconveniences, such as chopped-up charts and vertical charts facing horizontal data pages, are necessary until the revision is completed about August 1, 1947. Your cooperation in accepting this situation until that time will be appreciated.

RECEIVED
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AIRMAN'S GUIDE



NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 2, NO. 4 . . . . . MAY 13, 1947

This issue includes all data on record as of 0001 E.S.T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

TABLE OF CONTENTS

GROUND CONTROL APPROACH XI
AIR NAVIGATION RADIO AIDS, LEGEND, GENERAL XII
AIRPORT DATA, LEGEND XIII
FLIGHT PLANNING CHARTS AND DATA PAGES 1-143
NOTICES TO AIRMEN 144

GUIDE CONTENTS

THE AIRMAN'S GUIDE IS A COMPOSITE DIRECTORY OF AIRPORTS, AIR NAVIGATION RADIO AIDS, AND NOTICES TO AIRMEN. ON THE DATA PAGES ARE TABULATED ALL THE DATA COVERING THE FACILITIES CHARTED ON THE BACKING PAGES. THIS PRESENTATION IS GRADUALLY BEING REVISED, HOWEVER, SO THAT EVENTUALLY THE DATA PAGES WILL FACE THE CHARTS.

INDEX OF FACILITIES

TO FIND THE NUMBER OF THE PAGE ON WHICH A FACILITY IS CHARTED, REFER TO THE INDEX OF FACILITIES BELOW. AS OUTLINED ABOVE, THE DETAILED DATA FOR THE FACILITY WILL BE FOUND ON THE DATA PAGE BACKING, OR FACING, THE CHART.

NEW DATA PRESENTATION

(A) ON THE DATA PAGES BACKING OR FACING THE CHARTS, NEW DATA OR REVISIONS ARE INDICATED BY ARROWS; (B) IN THE NOTICES TO AIRMEN SECTION, CITATIONS COVERING NEW OR REVISED RADIO DATA ARE PREFIXED BY ONE LARGE STAR " ★ ". CITATIONS COVERING NEW OR REVISED AIRPORT, OR MISCELLANEOUS DATA ARE PREFIXED BY TWO ASTERISKS "**"

DATA PAGE NOTAMS

BECAUSE OF THE SERIOUS PAPER SHORTAGE, THE DATA PAGES, WHERE POSSIBLE, HAVE TO SERVE AS NOTAM (NOTICES TO AIRMEN) PAGES, RESULTANTLY, MOST OF THE NEW DATA FORMERLY NOTAMIZED IN THE NOTICES TO AIRMEN SECTION WITH PREFIXED LARGE STARS OR DOUBLE ASTERISKS ARE NO LONGER CARRIED IN THAT SECTION. ONLY COMMISSIONINGS, ABANDONMENTS, OR CHANGES SO POTENTIALLY HAZARDOUS THAT THEY ARE INDICATED WITH Ⓡ (FOR RED FLAG) SYMBOLS ON THE CHARTS, ARE NOW CITED IN THE NOTICES TO AIRMEN SECTION NOTAMIZING ON THE DATA PAGES IS EFFECTED BY THE USE OF PREFIXED ARROWS AS IN THE FORMER AIR NAVIGATION RADIO AIDS PUBLICATION. ANY CHANGES FROM THE PREVIOUS ISSUE, WHETHER CITED IN THE NOTICES TO AIRMEN SECTION, OR NOT, ARE INDICATED BY THE

HOW TO USE THE AIRMAN'S GUIDE

PREFIXED ARROWS. FOLLOWING ARE EXAMPLES OF CHANGES NOTAMIZED ONLY ON THE DATA PAGES: FIELD OBSTRUCTION, SERVICING, ELEVATION, LOCATION, AND RUNWAY LENGTH CHANGES. BECAUSE OF THE USE OF THE PREFIXED ARROWS AS NEW DATA INDICATORS, A FURTHER INNOVATION HAD TO BE ADOPTED. THIS IS A TINTED HORIZONTAL LINE FOLLOWING THE LAST TABULATED FACILITY AND TITLED EITHER NEW RADIO FACILITIES OR NEW AIRPORTS,

NEW FACILITIES ON DATA PAGES

SPACE BELOW THE TINTED HORIZONTAL LINES ON THE DATA PAGES HAS BEEN RESERVED AS A SUPPLEMENT FOR NEW RADIO AIDS AND AIRPORTS WHOSE DATA WERE RECEIVED AFTER THE DATA PAGES WERE ORIGINALLY TYPED. REVISIONS TO EXISTING AIRPORTS AND RADIO AIDS ARE SUPER-IMPOSED ON THE OLD DATA. NEW AIRPORTS AND RADIO AIDS HOWEVER, ARE LISTED, NECESSARILY OUT OF ALPHABETICAL ALIGNMENT, BELOW THE TINTED HORIZONTAL LINES UNTIL THE PAGE IS RE-TYPED.

CHART NOTAMS

NOTAMIZING ON THE CHARTS IS EFFECTED BY USE OF THE SUPER-IMPOSED Ⓡ AND Ⓞ SYMBOLS. THE Ⓡ (FOR RED FLAG) INDICATES A VERY HAZARDOUS CONDITION OR A MAJOR CHANGE. THE Ⓞ SYMBOL (FOR ORANGE FLAG) INDICATES A MINOR CHANGE OR HAZARDOUS CONDITION WITH THE FACILITY STILL USABLE WITH CAUTION. THE PERTINENT DETAILS TO WHICH THESE SYMBOLS REFER WILL BE FOUND LISTED IN THE NOTICES TO AIRMEN SECTION UNDER THE FACILITY NAME (AND STATE) BY WHICH THEY ARE CHARTED.

Ⓡ and Ⓞ SYMBOLS

THESE SYMBOLS WERE ADOPTED FOR SUPER-IMPOSITION OVER CHARTED FACILITIES TO INDICATE HAZARDOUS CONDITIONS AND COVERING NOTICES TO AIRMEN. THUS, IF A CHART USER NOTES NO SYMBOL ON THE FACILITIES HE IS PLANNING ON USING, THERE IS NO NECESSITY FOR HIM TO WADE THROUGH THE 30-ODD PAGE NOTICES TO AIRMEN SECTION

NOTICES TO AIRMEN SECTION

ALL TEMPORARY CONDITIONS (FIELD SOFT, RUNWAY UNDER CONSTRUCTION, RANGE COURSE OUT OF ALIGNMENT, ETC) ARE CITED IN FULL IN THE NOTICES TO AIRMEN SECTION UNTIL THEY ARE NO LONGER IN EFFECT. WHEN A CITATION CARRIES A PERMANENT ITEM AND A TEMPORARY ITEM, THE PERMANENT ITEM IS UNDERLINED. PARENTHETICAL DATE AT END OF ITEM INDICATES TIME ITEM WAS REPORTED. TO CONFORM TO CHART PRACTICE, ALL FACILITY DATA ARE LISTED IN THE NOTICES TO AIRMEN SECTION AND ON DATA PAGES ALPHABETICALLY BY STATES AND BY FACILITY NAME. THUS, AN AIRPORT WILL BE FOUND LISTED ALPHABETICALLY UNDER ITS OWN NAME RATHER THAN UNDER ITS LOCALE'S NAME. IF THE AIRPORT OR RADIO FACILITY NAME IS OTHER THAN THAT OF THE CITY IN WHICH IT IS LOCATED, THE LOCATION IS SHOWN IN PARENTHESIS AFTER THE FACILITY NAME.

SPECIAL NOTICES

NOTICES OF NATIONAL INTEREST, OF GREAT IMPORTANCE, OR OF NON-LOCALIZED NATURE, WILL BE FOUND AT THE BEGINNING OF THE NOTICES TO AIRMEN SECTION.

CIVIL FACILITY CHANGES: ADVISE WHOM

PLEASE ADVISE THE OFFICE OF AVIATION INFORMATION, ATTENTION A-250, C.A.A., DEPARTMENT OF COMMERCE, WASHINGTON 25, D.C. AS SOON AS TEMPORARY CONDITIONS COVERING CIVIL AIRPORTS OR NAVIGATIONAL AIDS BEGIN OR TERMINATE, OR FLIGHT HAZARDS ARE ERECTED OR REMOVED. FIELD DATA REVISIONS SHOULD BE SUBMITTED TO THE NEAREST C.A.A. DISTRICT AIRPORT ENGINEER.

TO ALL SUBMITTERS OF AIRMAN'S GUIDE DATA

AN UNDER-MANNED STAFF PREVENTS AN INDIVIDUAL ACKNOWLEDGMENT OF DATA SUBMITTED FOR THE AIRMAN'S GUIDE BY TELEGRAM, TELETYPE DISPATCH, OR LETTER. YOUR COOPERATION IN PERMITTING A GUIDE CITATION TO SUFFICE AS AN ACKNOWLEDGMENT WILL BE APPRECIATED.

INDEX OF FACILITIES
LEGEND

A - Airport with an associated radio facility identically named
FM - Fan marker
H - Non-directional radio beacon
K - Independent compass locator station
R - Radio range
T - Airport with control tower

*-Facility listed on data pages but not charted.
N.B. All facilities without a letter suffix are airports. Names not followed by a number suffix are not airports but merely geographical locations.

ALABAMA
Albertville (117)
Alexander City
" Russell (117)
Andalusia (131)
Anniston (117)
" AAF (117)
Athens (91)
Atmore (131)
Auburn-Opelika (117)
Barin (131)
Bessemer,Durham(115)
Birmingham R,T (115)
"Central Park (115)
"Roberts (115)
Bradford FM (115)
Brewton (old) (131)
" (new) (131)
Brookley T (131)
Canal (131)
Canoe FM (131)
Centre (117)
Clanton,Gragg (115)
Columbiana (115)
Courtland (91)
Craig R,T (115)
Cullman (115)
Decatur
" Beaver Dam (91)
" Pryor (91)
Demopolis (115)
Dothan A,R. (131)
Dothan
" Napier (131)
"Southern Airmotive (131)
Eden FM (115,117)
Elberta,Kaiser's Tract (131)
Elmore (115)
Enterprise (131)
Eufaula,Weedon (117)
Eutaw (115)
Evergreen,Middleton
Faircloth (131) (131)
Fayette Mun. (115)
Flomaton (131)
Foley,Barin (131)
Foley, Canal (131)
" Magnolia (131)
Ft.Payne,Davenport(91)
" DeSoto Park (91)
" Flying Service (91)
Gadsden (117)
" Goodyear (117)
Gainesville (115)
Garden City FM (115)
Geneva (131)
Greenville (115)
Gunter T (117)
Guntersville Dam (91)
Haleyville,Lakeman(115)
Hartselle (91)
Headland (131)
Huntsville (91)
" Arsenal (91)
Hurtsboro (117)
Jackson,McKee (131)
Jasper,Walker Co.(115)
Josephine,Wolf (131)
Kaisers Tract (131)
Lillian,Faircloth(131)
Luverne (131)
Magnolia (131)
Maxwell R,T, (115)
Mobile R (131)
" Bates T (131)
" Brookley T (131)
Mobile,Davis (131)
Montgomery
" Allenport (117)
" Dannelly (115)
" Elmore (115)
" Gunter T (117)
" Maxwell R,T (115)
" Norman Bridge(117)
Muscle Shoals A,R,(91)
Napier (131)
Ozark (131)
Prattsville,Deatsville Aux. (115)
Prichard,Chastain's(131)
Robertsdale (131)
Scottsboro
" Flying Service (91)
" N. Sauty Base (91)
Selma
" Autaugaville (115)
" Craig R,T (115)
" Dallas (115)
" Selma-Selfield(115)
Silverhill (131)
Summerdale (131)
Sylacauga (117)
Talladega (117)
Tallassee, Griel (117)
Troy (117)
Tuscaloosa H (115)
" Foster (115)
" Van de Graaff (115)
Tuskegee (117)
" Moton (117)
Wolf (131)
ARIZONA
Aguila (101)
Ajo (101)
Amado,Kinsley Ranch (103)
Ashfork (79)
Bisbee (103)
Bowie (103,105)
Cactus,N.Phoenix(103)
Cameron (81)
Casa Grande
" Three Point (103)
Chandler,Williams T (103)
Clifton-Greenlee Co. (103,105)
Cochise R,A (103)
Coolidge (103)
" Airpark (103)
" Flying Field (103)
Cottonwood
" Clemenceau (79)
" Verde Valley (79)
Datelan (101)
Davis-Monthan T (103)
Deep Lake (81)
Douglas (103,105)
" Forrest #2 (103,105)
" International(103,105)
" McNeal #1 (103,105)
Duncan (103,105)
Flagstaff,Koch (81)
Florence (103)
Forest #2 (103)
Fort Huachuca (103)
Fredonia (79)
Gila Bend A,R, (101)
" #4 (101)
" #5 (101)
" #6 (101)
Globe, Cutter (103)

Grand Canyon
" South Rim (79)
Hayden (103)
Hereford (103)
Hilltop FM (103,105)
Holbrook (81)
" Int. (81)
Joseph City FM (81)
Kingman (79)
" Mohave Co. (79)
" Port Kingman (79)
Laguna Landing Strip
Litchfield Park (103) (101)
" NAF T (103)
Luke (103)
Marana (103)
McNeal #1 (103,105)
Mesa A, FM (103)
" Airpark (103)
" Falcon (103)
Meteor Crater FM (81)
Nogales, Central (103)
" International (103)
Parker (101)
Perryville FM (103)
Phoenix R (103)
" Airhaven (103)
" Air-Topia (103)
" Luke (103)
" Paradise (103)
" Sky Harbor T (103)
" Thunderbird #1 (103)
" Thunderbird #2 (103)
Prescott R (79)
" Ernest A. Love (79)
Quartzsite, Conner (101)
Redrock FM (103)
" Int. (103)
Safford (103,105)
" Wickersham (103,105)
Sahuarita Flgt Strip (103)
St. Johns, Saunders (81)
Salome (101)
" Int. (101)
Sells (103)
Show Low (81)
Somerton (101)
Superior (103)
Tempe (103)
Toltec (103)
Tonopah (101)
Tucson A, R (103)
" Airpark (103)
" Davis-Monthan T (103)
" Downtown (103)
" Gilpin (103)
" Ryan (103)
" Silverbell (103)
" Wagon Wheels Ranch (103)
Vail FM (103)
Valle (79)
Wellton (101)
" Smiley (101)
White River
" Fort Apache (103)
Wickenburg Mun (101)
" Sky Ranch (101)
Willcox (103)
" Cochise Co. (103)
Williams (79)
" AAF T (103)
Window Rock (81)
Winslow A, R (81)
Yucca (79)
Yuma Fly. Fld. (101)

Yuma, Marsh (101)

ARKANSAS

Alma (89)
Arkadelphia (113)
Benton (89)
Bentonville (89)
Berryville (89)
Biggers (89)
Black Rock, Sloan (89)
Blytheville R (89)
" AAF (89)
" American Legion (89)
" Cooter (89)
" Manila (89)
" Steele (89)
Brinkley (89)
Bruins (89)
Cabot (89)
Calico Rock, Copp (89)
Camden, Grayson (113)
Carlisle (89)
Clarksville (89)
Conway (89)
Cotton Plant, Overhold (89)
Crossett, Ashley Co. (113)
Desha, Batesville (89)
DeWitt, Commerical (89)
El Dorado R (113)
" Goodwin (113)
Eureka Spgs, Ozark Sky Ranch (89)
Fayetteville (89)
Flippin, John's Airpk (89)
Forrest City (89)
Fort Smith (89)
Harrison (89)
Hasty, Smith (89)
Hazen (89)
Helena, Thompson-Robbins (89)
Hope (113)
Hot Springs, McLaughlin (89)
Hughes, Tucker (89) (89)
Joiner, Wilson (89)
Jonesboro (89)
Little Rock R (89)
" Adams T (89)
" Central (89)
Luxora (89)
McGhee (113)
Magnolia (113)
" Baker (113)
Malvern, Harlas (89)
Manila AAF (89)
" Fleeman (89)
Mena, Bowden (89)
Newport (89)
" Erwin (89)
" Milltown (89)
North Little Rock, Central (89)
Ola, Norman (89)
Ozark, Whitman (89)
Palmer, Gilbrech (89)
Paris (89)
Pine Bluff R (89)
" Grider (89)
" Toney (89)
Prairieville (89)
Prescott FM (113)
" Hope Prescott (113)
Rogers (89)
Round Pond (89)
Russellville, Ark. Poly. College (89)
Searcy (89)
Springdale (89)
Stuttgart R (89)
" AAF (89)
" Carlisle (89)
" Dockery (89)
" Hazen (89)
" Prairieville (89)
Texarkana A, R (113)
Van Buren, Greig (89)
Walcott #3 (89)
Walnut Ridge A, R (89)
" Walcott #3 (89)
West Memphis, Bowen (89)
" Levee (89) (89)
Wynne (89)

CALIFORNIA

Alameda (75)
Allen (75,77)
Alturas (19)
" #1 (19)
Amedee Flgt Strip (19)
Anderson, Pinnegar (19)
Antioch (75)
Arcata H, R, T (19)
Armitage (77)
Artesia, Cranford (139)
Auburn FM, A (73)
Avalon, Catalina (99)
Avenal (77)
Bagdad (79)
Bakersfield R (75,77)
" Kern Co T. (75,77)
" La Cresta (75,77,99)
" Minter (75,77)
Banning A, FM (99)
Barstow (99)
Bass Lake, Wishon, USFS
Bay Point FM (73) (77)
Beckwourth (19)
Bellflower (139)
Belmont (73,75)
Big Bear (99)
Big Pine (77)
Bishop (77)
Blue Canyon FM, H (19)
" Int. (19)
Blythe R (101)
" AAF (101)
" Gary (101)
" Harvey (101)
" Heron (101)
Borego Hotel (101)
Boron (77,99)
Brawley (101)
" O'Connell Bros. (101)
Bridgeport, Bryant (77)
Brown (99)
Burbank R, LFM (139)
" Lockheed Air Term. T (139)
Calexico (101)
Callahan FM (19)
Camarillo, Conejo Val'y
" Hidden Valley (139)
Cambria (75) (99)
Camp Pendleton (99)
Carmel Valley (73)
Castiac FM (99,139)
Castle T (77)
" OLF (99)
Cedarville (19) (139)
Chatsworth FMH, FM
Chester (19)
Chico (19)
" Ranchaero (19)
" Patrick (19)
Claremont, Cable-Clarement (139)
Clarksburg, Borges-Clarksburg (73)
Clarks Dry Lake (99,101)
Coalinga (77)
Colusa (19)
Compton (139)
" Central (139)
Concord (75)
" Buchanan Co. (75)
Corcoran (77)
" Harvey (77)
Corning (19)
Corona (139)
Coronada FM (99)
Costa Mesa, Newport Baysky Harbor (139)
Cotati (73)
Covelo, Round Valley (19)
Coyote Wells (North & South Flds) (101)
Crescent City, Del Norte Co. (19)
" Gasquet (19)
Crows Landing (73)
Culver City, Hughes (139)
Daggett A, R (99)
Davis, State Forestry
" University (73) (73)
"Winters Flgt Strip (73)
Death Valley Junction
" Amargosa (77)
Delano (77)
Del Mar (99)
Delta (19)
Desert Center (101)
" Int (101)
Dinuba, Alta (77)
Dixon (73)
Donner Summit R (19,77)
Dos Palos (73)
" Eagle (73)
Downey FMH, FM (139)
" Vultee (139)
Dunsmuir (19)
El Cajon (99)
" Gillespie (99)
El Centro R (101)
" NAS T (101)
" Coyote Wells, N. (101)
" Coyote Wells, S. (101)
Elk Creek (19)
El Monte (139)
" Rosemead (139)
Elsinore (99)
" Lake Elsinore (99)
El Toro T (139)
Escondido, Engel (99)
Estrella (75)
Eureka A, FM (19)
"Humboldt Co. (19)
Evergreen FM (73,75)
Fairfield-Suisun AAF R, T. (73)
" Suisun Arpk (73)
Fall River Mills
" Shasta Sky Ranch (19)
Farallon Island H (73)
Fontana FM (99)
Fort Jones A, R (19)
Franklin (73)
Fresno R (77)
" Adams (77)
" Cannon (77)
" Fresno-Chandler (77)
" Fresno-Skylark (77)
" Furlong (Co. Club) (77)
" Hammer (77)
Fullerton (139)
Furnace Creek, Death Valley Nat'l. Monument (77)
Gardengrove (139)
" Haster Farm (139)
Gardner (75,77)
Glendale FMH (139)
" Grand Central T (139)
Grass Valley (19)
Gray Butte (139)
Gridley (19)
Gustine (73)
Half Moon Bay A, FM (73,75)
Hamilton H, T (73)
Hammer (77)
Hanford (77)
Haster Farms (139)
Hawes (99)
Hawthorne T (139)
Hayfork (19)
Hayward (75)
Healdsburg, Alexander Valley (73)
" Norton Sky Ranch (73)
Helendale (99)
Hollister (73)
Holtville (101)
Horse Farm (139)
Huntington Beach A, FM (99,139)
Imperial Co. (101)
Independence (77)
Indio A, R (99,101)
" Shavers Summit (101)
Inyokern, Armitage T (77)
" NAF (Harvey Fld)
Jackson (77, 99)
" Amador Co. (73)
Jacumba Hot Spgs. (101)
King City (73)
La Habra FM (99,139)
Lakeport, Lampson (73)
La Mesa FM, A (99)
" Jamacha (99)
" La Pressa (99)
" Sweetwater Spgs (99)
Lancaster, Antelope Valley (99)
" Quartz Hill (99)
" Sterk's Ranch (99)
" War Eagle (99)
Laytonville, 101 Hereford Ranch (19)
Lebec FM (99)
Lemoore (77)
" Kleinhammer (77)
Lincoln (73)
Lindsey, Colburn (77)
Little River
" Mendocino (19)
Livermore NAS (75)
" Sky Ranch (75)
Lodi, Lind's (73)
" Kingsbury (73)
" Lodi Arpk (73)
Lomita (139)
Lompoc (75)
" Com. (75)
Lone Pine (77)
Long Beach R, T (139)
Los Alamitos T (139)
" Horse Farm (139)
Los Angeles R (99,139)
" Culver City (139)
" Mines T (139)
" Torrance Community (139)
" Vail (139)
Los Banos A, FM (73)
Lost Hills #8 (75, 77)
Lower Lake, Hoberg (73)
McClellan T (73)
McCloud, Ash Creek (19)
Madera (77)
Manteca, Summer Home (73)
Manzanar, Inyo Co. (77)
Marsh T (99)
Maricopa, Cuyama (75)
Mariposa (77)
Martinez (73)
Maryville, Alicia (19)
" Cheim (19)
Mather H, T (73)
Mecca, Port Mecca (101)
Merced Mun. (77)
" Castle T (77)
Mile Square Farm (139)
Minter (75, 77)
Mirage (99)
Miramar, MCAS T (99)
" OLF (99)
Modesto (73)
Moffett T (75)
Mojave NAS (77,99)
Monrovia (139)
Montague (19)
" Siskiyou Co. (19)
Montebello (139)
Monterey, Monterey Peninsula (73)
Morgan Hill, Valley (73)
Mountain View (75)
" NAS (Moffett) R, T (75)
Mt. Laguna H (99,101)
Mt. Shasta R (19)
Muroc, R, T (99)
Napa, Napa Co. (73)
" Sky Ranch (73)
National City (99)
Needles A, R (79)
" Riverview (79)
Nevada City (19)
Newark FMH, FM (73,75)
Newhall A, R (99,139)
New Jerusalem (73)
Norco (139)
Norwalk
" Delbert Arpk. (139)
Oakland R, T (73,75)
Oceanside H, FM (99)
" Camp Pendleton (99)
" Hi Hi Sky Ranch (99)
Ocotillo (101)
Ojai, Henderson (75)
Olancha, Adamson (77)
" Monache Meadows (77)
" Templeton Meadow
" Tunnel (77) (77)
Ontario T (139)
" Cal-Aero (139)
Oroville (19)
Otay NAAS, Brown (99)
" Wolfe's Arpk (99)
Oxnard Flgt Strip (75)
" Ventura Co. (75)
Palisades (139)
Palmdale A, R (99)
" Galbraith (139)
Palm Springs (99,101)
Palo Alto (75)
Parlier
" Paiva Inter-City (77)
Paso Robles A, R (75)
" Estrella (75)
Petaluma (73)
" Justman Fld. (73)
" Oak View (73)
Point Mugu T (75)
Pomona (139)
" Brackett (139)
Porterville (77)
" Cornell (77)
Puente, Sky Ranch (139)
Quincy, Sky Harbor (19)
Randsburg (77, 99)
Ravendale (19)
Ream T (99)
Red Bluff R (19)
" Bidwell (19)
Redding A, FM (19)
" Benton Arpk (19)
Reedley
" GreatWestern (77)
Rialto, Morrow (99)
Rice (101)
Ridgecrest (77,99)
Riverside A, R (99)
" Arlington (99)
" March T (99)
Romona (99)
Rosamond, Barnes (99)
" Liberty (99)
Rosedale (99)
Sacramento R, T (73)
" Branstetter (73)
" Lincoln (73)
" McClellan T (73)
" Mather H, T (73)
" Sky Ranch (73)
Salinas A, R (73)
" American Legion (73)
Salton Sea (99,101)
" Borego Hotel (101)
" Clark's Dry Lake (99)
" Ocotillo (101) 101
San Bernardino (99)
" AAF T (99)
" Tri-City (99)
San Carlos (75)
" Cooley (75)
San Clemente Island (99)
" Castle (99)
San Diego R (99)
" NAS T (99)
" Gibbs (99)
" Lindbergh T (99)
" Miramar OLF (99)
" Miramar MCAS T (99)
" Peik (99)
" Rosedale (99)
" San Diego (99)
" Sweetwater (99)
San Fernando (139)
"Whiteman Arpk (139)
San Francisco R, T (75)
" Gap FMH (75)
San Jacinto, Harmon (99)
San Jose (75)
" Reid-Hillview (75)
" City (75)
San Juan Capistrano, Capistrano Awys (99)
San Luis Obispo (75)
San Marcos
" McCormick (99)
" San Marcos Valley
San Mateo (75) (99)
" Bay Meadows (75)
San Nicolas Isl. (99)
San Pedro, Terminal Island T (139)
San Rafael
" Hamilton H, T (73)
" Marin Co, Inc. (73)
San Ramon (75)
Santa Ana R, T (139)
" El Toro T (139)
" Mile Square Farm
" Orange Co. (139) (139)
Santa Barbara R, T (75)
Santa Cruz (73)
" Sky Park (73)
Santa Maria T (75)
" Dorman (75,77)
" Hancock (75)
" Machado (75)
Santa Monica (Clover)
Santa Paula (75) (139)
Santa Rosa Arpk (73)
" NAAS T (73)
" Sonoma Co. (73)
Santa Susana (139)
Santa Ynez, Crawford
San Ysidro (75)
" Borderland (99)
" Ream T (99)
Saticoy (75)
Sausalito FM (73,75)
Secret Valley (19)
Selma (77)
Shafter-Kern Co (75,77)
Shavers Summit (101)
Silver Lake R, A (79)
Sonora, Columbia (77)
Stockton, R, A (73)
" Orange Bros. (73)
" West Lane (73)
Stratford, Newton (77)
Strathmore, Trauger (77)
Susanville (19)
Taft, Allen (75,77)
" Gardner (75,77)
" Parker (75,77)
" Taft-Kern Co. (75,77)
" Taft-Kern Co. Aux. (75)
" Taft-Kern Co. #2 (75,77) 77
Tehachapi (77,99)
Terminal Isl. T (139)
Thermal (101)
Tracy (75)
" New Jerusalem (73)
Trona A, R (77,99)
Truckee (19, 77)
Tulare (77)
" Defense Plant Corp. (77)
Turlock (73)
" Turlock Arpk (73)
Twentynine Palms (101)
Ukiah (19)
Upper Lake, Gravelly Valley (19)
Vallejo Sky Harbor (73)
" Stan's Arpk (73)
Valley Springs, Mother Lode (73)
Van Nuys
" Metropolitan T (139)
Vernalis (75)
Victorville "66" (99)
" AAF T (99)
" Grey Butte (139)
" Hawes (99)
" Helendale (99)
" Mirage (99)
Visalia (77)
" Green Acres (77)
" Sequoia (77)
" Piepgrass Bros (77)
Walnut Creek
" Sherman (75)
Warm Springs (75)
Warner Hot Spgs. (99)
Watsonville #1 (73)
" #2 (73)
Weaverville (19)
Westhaven
" Boston Land Co. (77)
Whitmore R (19)
Williams R (19)
" Dalton, com. (19)
" Int. (19)
Willits (19)
Willows-Glenn Co. (19)
Winters Flgt Strip (73)
Woodlake (77)
Woodland
" Yolo Flyers (73)
Woodville, Vossler (77)
Yermo, Calico (99)

COLORADO

Akron, A, R (35)
" Douglas (35)
Alamosa (83)
Alvin (35)
Arlington #4 (35)
Aurora LFM (39)
Boulder (39)
Buckley T (39)
Burlington (35)
Calhan (39)
Canon City, Fremont Co.
" Royal Gorge (35) (35)
Colorado Spgs. R (35,39)
" Nichols (39)
" Peterson T (35)
" Pine Valley (39)
" Rocky Mtn. (39)
Cortez (81)
Craig (35)
Creede (83)
Dacona FM (39)
Delta, Starr Nelson
Denver R (31,39) (31,35)
" Buckley T (39)
" Civil Air Patrol
" Combs (39) (35,39)
" Lowry T (39)
" Ruston (39)
" Sky-Ranch T (39)
" Stapleton (Denver Arpt) T (35,39)
" Vest Acft (39)
Dove Creek (81)
Dupont, Rutledge (39)
Durango (81)
" City-County (81)
Eads (35)
Eagle A, R (35)
Englewood (39)
Estes Park (35)
Fairplay, Teier (35)
Flagler (39,35)
Fort Collins (35)
Fort Morgan, Young (35)
Fountain FM (39)
Franktown FM (39)
Glenwood Spgs (35)
Golden, Creighton (39)
Granby (35)
Grand Junction R (26)
" Walker (26)
Greeley, Crosier (39)
Gunnison
" Meeker Ranch (35)
Henderson FM (39)
Holly, Romer (83)
Holyoke (35)
Hugo (35)
Julesburg (35)
" Doughty's (35)
Kit Carson
" Trading Post (35)
La Junta R (35)
" AAF (83)
" Arlington #4 (35)
" La Junta Bridges (83)
" Las Animas (83)
" Rocky Ford (35)
Lamar (83)
Las Animas (83)
Limon, Stake's Prairie Port (35)
Lindon, Roderick (35)
Longmont (39)
Lowry T (141)
Mancos (81)
Meeker (35)
Mesita, Costilla Co. (83)
Monte Vista (83)
Montrose (81, 35)
Nucla (81)
Ordway (35)
Peterson T (39,35)
Pueblo A, R (35)
" Gregg (35)
" Pueblo AAB (35)
Rangely
"Rangely Heights (26)
Rifle (35)
Rocky Ford
" Reynolds (83)
Saguache (35)
Salida (35)
Silver Cliff, Valley (35)
Springfield (83)
Sterling (35)
Trinidad A, R (83)
Walden (35)
Walsh, Griffin (83)
Watkins FM (39)
" East Colfax (39)
Westcliffe, Cress (35)
Wray (35)
Yuma (35)

CONNECTICUT

Bethany (55)
Bridgeport R, T (55)
Bristol
" Stephenson (55)
Brookfield (55)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

MAY 13,1947

Canaan (56)
Cheshire
" Tier Airstrip (56)
Danbury (56)
East Hartford
" Rentschler T (56)
Essex, Deane (56)
Groton, Trumbull (56)
Hartford R (56)
" Brainard T (56)
Madison
" Hammonasset (56)
Meriden FM, T (56)
Milford (56)
Monroe (56)
Moosup FM (57)
New Haven (56)
Plainfield (57)
Plymouth
" Waterbury (56)
Putnam (57)
Salem (56)
Shelton, Island (42)
Simsbury (56)
Somers, Kinsley (56)
Stonington, Foster (57)
Southington (56)
Wallingford
" Lufbery (56)
Waterford (56)
Watertown (56)
West Haven (56)
Windham (56)
Windsor Locks
" Bradley T (56)
[redacted]
Bridgeville (67)
Dover, Airpark (67)
" AAF (67)
" Sungio (67)
Frankford, Sussex (67)
Georgetown (67)
Harrington (67)
Laurel (67)
" Holly Brook (67)
Lewis, De Vries (67)
Middletown
" Shallcross (67)
New Castle, Biggs (67)
" Bellanca (67)
Rehoboth Beach
" Rehoboth Acftsrs(67)
Seaford, DuPont (67)
Smyrna (67)
Wilmington R (67)
" DuPont T (67)
" New Castle Co. T(67)

Washington R (69)
" Anacostia NAS T (69)
" Bolling T (69)
" National T (69)

FLORIDA

Alliance #4 (131)
Altoona (135)
Apalachicola (131)
Apopka, Ryan (135)
Arcadia (135)
" Carlstrom (135)
" Dorr (135)
Avon Park (135)
" AAF (135)

Bagdad (131)
Banana River R (135)
" NAS T (135)
Barberville (133,135)
Bartow (135)
Bascom (131)
Bayard FM (133)
Belle Glade (137)
Boca Raton T (137)
Bostwick (133)
Bradenton (135)
Branan (133)
Bronson (131)
Brooksville (135)
Bryceville FM (133)
Buckingham (137)
Bunnell (131)
Carabelle Figt Strip
Cecil T (133) (131)
Cedar Keys (135)
Chipley (131)
Choctaw (131)
Clarcona, Hidden Acres
Clearwater (135) (135)
Clewiston (137)
Cocoa (135)
Connors (135)
Crestview A,R (131)
Cross City A, R (133)
Daytona Beach A, R(133,
" Tomoka (135) 135)
De Funiak Spgs. (131)
De Land (135)
Dunedin, Skyport (135)
Dunnellon (135)
Eglin R, T (131)
Ellenton (135)
Ellyson (131)
Eustis, Waterman (135)
Fernandina (133)
Fleming Island (133)
Forman (137)
Ft. George Isl. FM (133
Fort Lauderdale FM
" Davie (137) (137)
" NAS (137)
" West Prospect (137)
Fort Myers R (137)
" Buckingham (137)
" Page (137)
Fort Pierce com (133)
" (mun.) (133)
Gainesville
" John R. Allison (133)
" Stengel (133)
Green Cove Spgs
" Lee OLF(133)
Haines City (135)
Hawthorne (133)
Helm (131)
Hillsborough (135)
Holley (131)
Hollywood
" MacArthur (137)
" North Perry (137)
Holt FM (131)
Homestead (137)
" Mun. (137)
Immokalee Arfld (Aux.) (137)
" Int. (137)
Jacksonville R, T (133)
" NAS R,T (133)
" Branan (133)
" Cecil T (133)
" Craig (133)

Jacksonville
" Flemings Isl.(133)
" Hart (133)
" Herlong (133)
" Whitehouse (133)
" Williams (133)
Jasper (133)
Keystone Heights
" Keystone AAF (133)
Key West R (137)
" Meacham (137)
" NAS T (137)
Kissimmee (135)
Lake Butler (133)
Lake City (133)
" Witt (133)
Lakeland AAF (135)
" Mun. #1 (135)
" Skyland (135)
Lake Wales (135)
Lake Worth (137)
Lantana, Palm Beach Co. (137)
Lee (133)
Leesburg (135)
" Aviation Center(135)
" Gray's (135)
Live Oak A,FM(131,135
MacDill T (135)
Malabar (135)
Malone #2 (131)
Marathon (137)
Marianna (131)
" Alliance #4 (131)
" Bascon (131)
" Ellis (131)
" Malone #2 (131)
Master T (137)
Mayport (133)
Melbourne A,R,(135)
" Eau Gallie (135)
" Valkaria (135)
Miami R (137)
" Aviation Center(137)
" Brown (137)
" Chapman (137)
" International T (137)
" Master T (137)
" NAS (Opa Locka)(137
" OLF (137)
" Sunny South (137)
" Tamiami (137)
Miami Bay Shore FM(137
Middleburg (133)
Milton (131)
" Whiting NAS (N.) R, T (131)
" Whiting NAS (S.)(131
" Santa Rosa (131)
Minneola, Kerlin(135)
Molino FM (131)
Montbrook (133,135)
Monticello (133)
Naples (137)
New Smyrna (135)
North Tampa FM (135)
North Perry (137)
North Pompano (137)
Ocala, Taylor(133,135)
Okeechobee, Connors
Orange City(135) (135)
Orlando R (135)
" AAB(Arpt) T (135)
" Cannon Mills (135)
" Hoequist (135)
Palatka, Kay Larkin(133)

Palatka, Sawyer(133)
Panama City (131)
" City Arpk (131)
" Skyland (131)
" Tyndall R,T (131)
Pensacola A,R, (131)
" Bagdad (131)
" Bronson (131)
" Choctaw (131)
" Ellyson (131)
" Gulf Arpk (131)
" Helm (131)
" Pensacola Arpk(131)
" NAS(Chevalier)T(131)
" Corry (E.&W. Flds)
" OLF #1(131) T(131)
" OLF #5 (131)
" OLF # 6 (131)
" OLF #7 (131)
" OLF #8A (131)
" OLF #9K (131)
" Saufley T (131)
" Spencer (131)
Perry (133)
Pierson Memorial(133,
Pinecastle(135) 135)
Plant City (135)
" Robinson (135)
Pompano, North Pompano (135)
Punta Gorda AAF (135)
" Mun. (137)
Quincy (133)
Richmond (137)
St. Augustine (133)
St. Petersburg
" Albert Whitted(135)
" Ludwig Sky Harbor (135)
" Pinellas Co. Master T (135)
" Piper-Fuller (135)
Sanford (135)
" Osceola (135)
Sarasota-Bradenton(135)
" Commercial(135)
Santa Rosa (131)
Saufley T (131)
Sebastian, Roseland(135)
Sebring (135)
" Hendricks (135)
Spencer (131)
Stock Isl.LFM (137)
Stuart, Witham (135)
Switzerland (133)
Tallahassee R (133)
" Dale Mabry T (133)
" Lake Jackson (133)
Tampa R (135)
" Drew T (135)
" Hillsborough (135)
" MacDill T (135)
" Peter O.Knight (135)
Tennile (133)
Titusville (135)
" Cocoa (135)
Tyndall R,T (131)
Valparaiso, Eglin R,T(131)
" Eglin #1 (131)
" Eglin #2 (131)
" Eglin #3 (131)
" Eglin #4 (131)
" Eglin #5 (131)
" Eglin #6 (131)
" Eglin #7 (131)
" Eglin #8 (131)

Valparaiso, Eglin #9(131)
Venice, Mun.(135)
" Fette Acft Serv.(135)
Vero Beach A,H (135)
Wauchula (135)
West Palm Beach R(137)
" Morrison T (137)
Whiting NAS(N) R,T
" NAS (S.)(131) (131)
Whitehouse (133)
Williston, Montbrook(133)
Wimauma (133)
Winter Haven
" Gilbert (135)
" Orlando Aviation Country Club(135)
" Showalter (135)
Zephyrhills (135)

GEORGIA

Abbeville (117)
Adel, Cook Co. (133)
Albany A,R, (133)
" Turner (133)
" Turner #1 (133)
Alma A,R (133)
Americus (117)
" Souther (117)
Ashburn (133)
Athens (117)
" Polo (117)
Atlanta R,T (117)
" NAS (Camp Gordon)
" Lakewood(117) (117)
Augusta R (119)
" Bush (119)
" Daniel T (119)
Babcock (133)
Bainbridge (133)
" Commodore Decatur
Baxley, Bouser(133) (133)
Bemiss #3 (133)
Boykin, Babcock (133)
Brunswick A,H (133)
" Glynco (133)
Buford, Allen (117)
Butler (117)
Cairo, Cairo-Grady(133)
Calhoun (91)
" Skyway (91)
Camilla (131)
Camp Stewart (119)
Carrollton, City-Co. (117)
Cartersville, Felton (117)
Cedartown (117)
Chatham (119)
Cochran (117)
" AAF (117)
" Red Dog (117)
Columbus (117)
" Muscogee Co. (117)
" Lawson T,R (117)
Conyers (117)
Cordele (117)
Dalton (129)
Darien (133)
Donalsonville (131)
Douglas
" So. George College (133)
Dublin (117)
East Point LFM (117)
Elberton (117)
Faceville (133)
Fitzgerald (133)

Fitzgerald, Three "B"
Folkston (133) (133)
Forsyth, Zellner's(117)
Gainesville (117)
Glenville (119)
Glynco R,T (133)
Griffin (117)
Harris Neck (133)
Hinesville (119)
" Camp Stewart (119)
HomervilleFlgtStrip(133)
Jackson (117)
Jasper (93)
Jefferson, Long (117)
Jonesboro FM (117)
La Grange (117)
Lake Park #2 (133)
Lawrenceville, Wages (117)
Lawson R,T (117)
McRae (117)
Macon R (117)
" Cochran (117)
" Herbert Smart (117)
" Ries (117)
Madison (117)
Madras FM (117)
Marietta AAF T (117)
" Clevenger's (117)
" Cobb (117)
" Parkaire (117)
Milledgeville, Kings(117)
Millen, Actons (119)
" Birdsville (119)
Montezuma (117)
Moody (133)
Moultrie (133)
" Northside (133)
" Spence (133)
Nashville (133)
Newnan Arpk (117)
Palmetto, Morton(117)
Perry (117)
Reynoldsville (131)
Richmond Hill FM (119)
Rockmart (117)
Rocky Ford #1 (133)
Rome (117)
" Russell (117)
Rossville (91)
Russell (117)
St. Marys A,FM (119, 133)
St. Simons Isl. (133)
Sandersville,
" Washington Co. (117)
Savannah R (119)
" Chatham AAF (119)
" Hunter T (119)
" Saffold (119)
"Savannah-Wilmington Island (119)
" West Savannah (117)
Siloam (117)
Smyrna FM (117)
Statesboro (119)
Stone Mtn. FM (117)
Swainsboro
" Lindsey (119)
" Thompson (117)
Sylvania (119)
Tallapoosa (117)
Thomaston
" Reginald Grant Memorial (117)
Thomasville AAF (133)

Thomasville Com.(133)
Tifton (133)
Toccoa
" Le Tourneau (93)
Trion
" LaFayette-Trion (129)
Turner A,FM (133)
Vada (133)
Valdosta (133)
" Bemiss #3 (133)
" Lake Park #2 (133)
" Moody (133)
" Rocky Ford #1 (133)
Vidalia
" Vidalia-Peterson (117)
"Vidalia-Lyons (117)
Warm Springs
" Roosevelt (117)
Warner-Robins
" Robins T (117)
Washington (117)
Waycross AAF (133)
" Civil Air Patrol(133)
Waynesboro (119)
Whitman Figt Strip (133)
Winder (117)
Woodbury (117)

IDAHO

Aberdeen (23)
American Falls (23)
Anderson Dam
" Bennett Figt Strip
Arco (23) (22)
Big Springs (6)
Boise R (22)
" Air Terminal T (22)
" Bradley (22)
Buhl (23)
Burley A,R (23)
Caldwell (22)
Cascade (3)
Cayuse Creek (3)
Challis (6)
Coeur d'Alene R (3)
" Air Terminal (3)
" Weeks (3)
Craigmont (3)
Dixie (3)
" Chamberlain (3)
Dubois A,R (6)
Eagle FM (22)
" Floating Feather(22)
Emmett (22)
Fairfield, Camas Co.
Glenns Ferry (22) (23)
Gooding H (23)
" (new) (23)
" (old) (23)
Grangeville
" Idaho Co. (3)
Hagerman
" Thousand Springs (23)
Hailey, Friedman (23)
Hayfield, Tyhee (23)
Idaho Falls A, R (23)
Idahome (23)
Jerome (23)
Kamiah (3)
Kellogg (3)
Knox, Landmark (3)
Lake, Flying "R" (6)
Lewiston (3)

McCall (3)
Mackay (23)
Malad City R.A (23)
Montpelier (23)
Mountain Home FM(22)
" AAF (22)
" Site 25, SL-PO (22)
Nampa, Ritchey (22)
Orofino (3)
Paris
" Bear Lake Co. (23)
Parma (22)
" Nyssa (22)
Payette A, FM (3)
Pocatello A, R (23)
" AAF (23)
" University (Ham's) (23)
Preston (23)
Priest River (3)
Red River Hot Springs
" Moose Creek (6)
Rexburg (23)
Richfield, Albert (23)
St. Anthony (23)
St. Maries (3)
Salmon (6)
Sandpoint (3)
Shoshone Flying Bar "S" (23)
Strevell H, A (23)
Tensed
" Tekoa Fly.Club (3)
Twin Falls (23)
Victor (Bennett Fld) (23)
Weiser (3)

ILLINOIS

Alexander, Negus (39)
Alton, Wadlow (39)
Arcola, Allen (59) (41,
Armington, Medbury 45)
Ashburn LFM (141,45)
Aurora (141)
Beardstown (39)
Belleville
" Gundlach (39)
" Scott T,R (39,41)
Bensenville
" Sky Haven (141)
Bloomington (41,45)
Blue Island, Howell(141)
Blue Mound
" McCoy (41)
Bradford H,A(45)
Cairo, N.Cairo (89)
Carbondale (89)
Carmi, White Co. (59)
Carthage (41)
Casey (59)
Champaign (45)
" Univ. of Ill.(45)
Chanute R, T (45)
Charleston (59)
Chesterfield (39)
Chicago R,T (141)
" Ashburn (141)
" Chicago-Orchard Place (141)
Chicago Heights
" Ashland Ave. (141)
Clinton Fly.Club(45)
Dalton City, Moody (59)
Danville (45)
" Vermilion(45)

Decatur (41,45)
" Park District (45)
De Kalb
" Interstate (45)
Des Plaines
" Ravenswood (141)
Dixon (45)
East St. Louis
"Parks Metropolitan (39)
" Lakeside (39)
" Parks (39)
Edwardsville (39)
Effingham R,A (59)
" Co. Memorial(59)
Elgin
" Kane County(45)
Elmhurst
" Chicago-Elmhurst (141)
Earlville, Clearview(45)
Fairfield
" B & K Fly.Svc.(59)
Fiatt, Hi-Way (41)
Flora(59) (45)
Franklin Park FM(141)
Freeport, Albertus (45)
Galesburg (41)
George (59)
Gillespie, H & S (39)
Glenview NAS T,R (45)
" Pal-Waukee (45)
Grayslake (45)
Harvey R (141)
" Rubinkam (141)
Havana, Matansas (41)
Highland-Winet (59)
Hillsboro
Hinsdale (141)
Homewood
" Washington Park(141)
Hoopeston, Russell's
Horace (45)
" Midway Aviation(45)
Jacksonville (39)
Jerseyville FM(39,41)
Johnsburg Arpk.(31)
Joliet R,A (141)
Kankakee(45)
La Grange, Stinson(141)
Lansing
" Chicago-Hammond (141)
La Salle, Vogel(45)
Lawrenceville
" George (59) (39)
Lebanon, Cyril Lebert
Lockport
" Lewis-Lockport(141)
Lombard
" York Township(141)
Macomb (41)
Marion (59)
" Macarin (89)
Mattoon (59)
Mendota
" Fitzgerald (45)
Moline R, (41)
Momence (45)
Monmouth (41)
Morris (45)
Morton (41,45)
Mt. Carmel
" Beckerman (59)
Mt. Vernon (59)
Murphysboro (89)

Muddy, Harrisburg-El Dorado (59)
Nashville (41,45)
Newark FM (45)
Northbrook
" Sky Harbor (45)
Oaklawn, Harlem(141)
Olney, Schilt (59)
Ottawa (45)
Paris (59)
Pecatonica (45)
Pekin (41,45)
Peoria A,R(41,45)
" Mt. Hawley (45)
Polo-Hamilton (45)
Prairie du Rocher (89)
Presbyterian Church #3 (59)
Princeton (45)
Quincy (41)
" (new) (41)
Rantoul, Chanute R,T
Roanoke (45)
" Phil-Larry (45)
Rochester (39)
" Fleck's Lakeview
Rockford R (45)
" Machesney (45)
St. Charles (141)
St. David (41)
St. Elmo
" Smith Aviation,59)
St. Francisville
" Presbyterian Church #3(59)
Salem, Lockrone (41)
Sandwich (45)
Scott T, R (39,41,45)
Shelbyville
" Shelby Co.(59)
Sheldon
" Disosway (45)
" Powell Bros.(45)
South Beloit
" Beloit-So. Beloit(31)
Springfield A,R (39,41,
Steger, Will Co(141) (45)
Sterling (45)
Stockton (45)
Streator Air Svc.(45)
Sycamore
" Kishwaukee (45)
Taylorville (41,45)
Tinley Park
" Prosperi (141)
Tuscola, Cooper (45)
Urbana, Illini (45)
Vandalia Mun.
Van Orin (45)
Warren, Evergreen(31)
Waukegon (31)
" Lake Co.(31)
Wooddale (141)

INDIANA

Advance FM (143)
Anderson (143)
" Ace (143)
" G & C (143)
Angola, Tri-State (47)
Atterbury AAF (59)
Attica (47)
Auburn (47)
Baer (47)
Bargersville (143)
Bedford (59)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Bedford, Sky Haven (59)
Bloomingdale
" Port O' the Woods Arpk. (47)
Bloomington (59)
" Campus (59)
" Veterans (59)
Bluffton (47)
Brownsburg (143)
Bunker Hill (47)
Cedar Grove FM **(59)**
Cedar Lake (47)
Chalmers
" Monticello (47)
Charlestown (59)
Clayton FM (143)
Columbus (55)
" Atterbury AAF (59)
Connersville
" Metal (47)
Crawfordsville (143)
Crown Point (47)
Culver (47)
Cynthiana
" Straub (59)
Danville, Mecco (143)
Demotte, Cheever (47)
Dyer, Triangle (141)
Elkhart (47)
Elwood (47)
Emison (59)
Evansville R, T (59)
Fort Wayne R (47)
" Baer T (47)
" Myers (47)
" Smith (47) (47)
Frankfort, Lockwood
Franklin Fly. Fld (143)
Freeman (59)
French Lick Springs (59)
Gary (141)
" Lakeside (141)
Goshen A,R (47)
" Midway (47)
Greencastle A,FM (143)
Greenfield FM, A (143)
" Farmers (143)
Greensburg
" Templeton (143)
Greenwood
" White Cloud (143)
Hobart, Gamble (141)
Huntingburg (59)
Huntington (47)
" Wake Field (47)
Indianapolis R, T (143)
" Brightwood (143)
" Hoosier-Park (143)
" Shank's (143)
" Sky Harbor (143)
" Stout T (143)
Jeffersonville, Bush (59)
" - New Albany (59)
Kendallville (39)
Kentland (47)
Kingman (47)
" Kingman Fly. Svc.
Knox, Starke Co. (47)
Kokomo, Ruzicka (47)
" Mun. (47)
Ladoga, Himes (143)
Lafayette R (47)
" Aretz (47)
" Halsmer (47)
" Purdue Univ. (47)
" Reimer (47)
La Fontaine
" Shaffer's (47)
Lake Village (47)
Lapel (143)
La Porte (47)
Lawrenceburg (59)
Lebanon (143)
Linton (59)
Lizton (143)
Logansport (47)
" Logan (47)
Lowell FM (47)
Madison
" AAF (59)
" - Myers (59)
Marion (47)
" West Side (47)
Markle FM (47)
Martinsville (143)
McCool H, FM, A (141)
Medaryville (47)
Michigan City (47)
Milroy (143)
Mishawaka
" Sportsman (47)
Monticello (47)
Mooresville, Owen (143)
Morgantown FM (143)
Mount Vernon (59)
Mulberry, Stair (47)
Muncie (143)
" Delaware (143)
" Reese (143)
New Carlisle, Gordon
New Castle (143) (47)
" Western (143)
Noblesville (143)
North Manchester
" Manchester (47)
North Vernon
" St. Anne #2 (59)
Notre Dame FM (47)
Oaktown, Emison (59)
Ockley (47)
Orleans
" Silent Brook (59)
Perrysville
" Highland (47)
Peru (47)
Plainfield, Loy (143)
Plymouth (47)
Portland, Bringham (47)
" Steed (47)
Ramsey, Bush (59)
Rensselaer (47)
" Jasper Co. (47)
Richland
" Ferguson (59)
Richmond, Com. (47)
" Mun. (47)
" East Richmond (47)
Rochester (47)
Rushville
" Howell Bros. (143)
Salem
" Boss-Denien (59)
Scottsburg (59)
Selma
" Huffman Air Svc (143)
Seymour, Freeman (59)
" Mapleton (59)
Shelbyville (143)
" - Suco (143)
Sheridan (143)
" Black Hawk (143)
Shoals, **Stiles** (59)
South Bend R (47)
" Bendix T (47)
" Cadet (47)
" Chain Lakes (47)
Stout T (143)
Syracuse, Spink-Wawasee (47)
Terre Haute R (59)
" Hulman (59)
" Paul S. Cox (59)
Valparaiso
" Urschell (141)
Vevay (59)
Vincennes, O'Neal (59)
Wabash
" Whittenberger (47)
Warsaw, Smith (47)
Washington (59)
" Mun. (59)
Wellsboro
" Triangle Air Svc (47)
West Lebanon, Cork (47)
Winchester, Coxey's (47)
Yorktown (143)
Zionsville (143)
" Beck (143)
" Moore (143)

IOWA

Adair (41)
Algona, Squeeze (29)
Anita, Dressler (41)
Ames (29)
Armstrong (29)
Atlantic (41)
" (Mun) (41)
Audubon Awys. (41)
Bellevue (29)
Burlington A,R (41)
California FM (37,39)
Carroll (29)
Cedar Rapids (41)
" Hunter (41)
" Saxon (29)
Centerville (41)
Chariton (41)
Charles City Mun. (29)
Cherokee (28)
Clarinda (41)
Clarion (29)
Clermont (29)
Clinton (41)
Columbus Jct. (41)
Council Bluffs (39)
Creston Awys (41)
Davenport, Cram (41)
Decorah
" Tatro Fly. Svc. (29)
Denison (28)
Des Moines R, T (41)
" Beaver (41)
Dows (29)
Dubuque (29)
Dunlap (39)
Dyersville Awys. (29)
Earlham FM (41)
Eldora, Emmerts (29)
Elkader Arpk (29)
Emmetsburg, Ryan (29)
Estherville (29)
Fiscus, Briggs (41)
Floyd, Henry's (29)
Fort Dodge, Eno (29)
Fort Madison (41)
Garner, Wicks (29)
Glenwood **FM** (37,39)
Grimes, Dodge (41)
Grinnell, Niederhauser Airways (41)
Grand Mound, Grand (41)
Grundy Center (29)
Guthrie Center (41)
Hancock FM (37,39)
Harlan (39)
Hartley Mun. (28)
Ida Grove,
" Nicholson (28)
" Flying Service (28)
Independence (35)
Iowa City A,H (41)
Iowa Falls (29)
Jefferson (29)
Keokuk (41)
Lake City (29)
Lamoni (41)
Le Mars, Western Union College (28)
Leon (41)
Lone Tree, Weise Flying Service (41)
Manning (41)
Marshalltown,
" Niederhauser (29)
Mason City A,H (29)
" Eco (29)
Mechanicsville,
" McVille (41)
Melbourne (41)
" Commercial (41)
Milford, Fuller (28)
Missouri Valley (39)
Moneta, Thorne (28)
Monroe FM (41)
Montezuma (41)
Mt. Ayr, Mt. Ayrport (41)
Mt. Pleasant (41)
Muscatine (41)
Newton (41)
Ocheyedan, John E Peters (28)
Oelwein Mun. (29)
Onawa,
" Oliver Ranch (39)
Oskaloosa, Roth (41)
Ottumwa (41)
" NAS T (41)
" Venture (41)
Pella (41)
Pocahontas (29)
Randolph (39)
Red Oak (41)
Riceville, Mosher (29)
Rock Rapids,
" McKisick (28)
Sac City (29)
Seymour (41)
Sheldon (28)
Shenandoah (39)
Sioux City R, T (28)
Sloane FM (41)
Spencer (28)
" Hart (28)
Spirit Lake
" Okoboji Awys (28)
Storm Lake (28)
Strawberry Pt., Goodrich & Gross (29)
Stuart (41)
Sutherland, Liberty (28)
Traer (29)
Washington **(41)**
Waterloo **(29)**
Waterloo, Canfield (29)
" Chapman (29)
Webster City (29)
Wesley (29)
Winterset (41)

KANSAS

Abilene (37)
" Wright Arpk (37)
Anthony A, H (85)
Arkansas City (87)
" Baird (87)
Ashland (85)
Atchinson, Hawk's (43)
Atwood (37)
Augusta, Hilltop (87)
Belleville (37)
Beloit, Moritz (37)
Bern (37)
Brewster,
" Eddie Hutton (37)
Caldwell (87)
Cassoday (85)
Cedar Pt., Clothier (37)
Chanute A,R (85)
Clay Center (37)
" Wood Arpk (37)
Coffeyville
" Mun. #1 (85)
" Mun. #2 (85)
" Edgewood (85)
" Ferguson Fly. Fld (85)
Colby (37)
Coldwater, Stark (85)
Concordia, Blosser (37)
Derby (87)
Desota FM (43)
Dodge City A,H (85)
" AAF (85)
" Dodge City #4 (85)
Downs (37)
Edwardsville, Fisher (43)
El Dorado (87)
" Frasier (87)
Ellinwood (37)
Emporia (37)
Eureka (85)
Fairfax T (43)
Ft. Leavenworth,
" Sherman T (43)
Ft. Riley,
" Marshall R,T (37)
Fort Scott (89)
Fredonia (85)
Garden City A,R (85)
" AAF (85)
" #1 (85)
" #2 (85)
" #3 (85)
Gardner (43)
Garnett, Mader (41)
Girard (89)
Goodland A,H (37)
Great Bend AAF (37)
" Airpark (37)
Greensburg (85)
Hays (37)
" Walker (37)
Hazelton, Strickland (85)
Herington (37)
" AAF (37)
Hiawatha (37)
Hoisington,
" Giffin-Orton **(37)**
Holyrood (37)
Hutchinson A,R (85)
Hutchinson
" Commercial (85)
" NAS (85)
Independence (85)
" AAF T (85)
" #3 (85)
" #9 (85)
Iola (85)
Johnson **(83)**
Kansas City,
" **Fairfax T (43)**
Kechi **FM (87)**
Kingman **(85)**
Kiowa Fly. **Svc (85)**
Lakin, Puckett's **(83)**
Larkinburg (37)
Larned (37)
Lawrence (43)
Leavenworth
" Le Compton **(43)**
Lebo **A,R** (37)
Lenexa, Allman **(43)**
Lenora (37)
Liberal (85)
" Glenn Martin **(85)**
Lyons (37)
McPherson (37)
" Janssen Skytell (37)
Manhattan (37)
" Mankan (37)
" Pottawatomie **(37)**
Mankato (37)
Marion (37)
Marshall R,T **(37)**
Meade (85)
Medicine Lodge **(85)**
Moundridge (37)
Newton (87)
Norton **(37)**
Oberlin **(37)**
Olathe, **Hall's (41,43)**
" **NAS R,T (41,43)**
" **OLF #2 (41,43)**
" **OLF #4 (41,43)**
" **OLF #7 (41,43)**
" **OLF #9 (41,43)**
Ottawa (43)
" **Conard (43)**
Oxford FM (85)
Paola FM (41,43)
Parsons (85)
Phillipsburg (37)
Pittsburg
" **Atkinson (89)**
Plains (85)
Pratt (85)
" AAF (85)
Russell (37)
St. Francis (35)
Salina A (37)
" Sky Village (37)
" Smoky Hill R,T (37)
Satanta (85)
Scott City (37)
Sedan, Walters (85)
Seneca (37)
Sharon Springs (35)
Sherman T (43)
Smith Center (37)
Smoky Hill R,T (37)
South (85)
Stafford (85)
Stanley, State Line Arpk (43)
Summerfield **(37)**
Syracuse (83)
Topeka R,T (37)
" Huntoon (37)
" Phillip Billard T (37)
Towanda FM (87)
Viola FM (87)
Wakefield, Elkins (37)
Walker (37)
Wellington (87)
Wellsville, Gault (43)
Wichita R,T (85,87)
" Arther Airfld (87)
" Beech (87)
" Cannon Ball (87)
" Cessna Acft (87)
" Culver (87)
" Ken-Mar Arpk (87)
" Rawdon (87)
" Riverside (87)
" University (87)
" Wilson (87)
Winfield (87)
" South (87)
" Strother (87)

KENTUCKY

Ashland (63)
Bowling Green A,R (91)
Campbell (91)
Campbellsville (59)
Covington, Greater Cincinnati T (61)
Crayne, Marion-Jaycee (59)
Danville, Goodall (59)
Eastwood FM (59)
Falmouth (61)
Fort Knox,
" Godman R,T (59)
Frankfort,
" Silver Lake (59)
Glendale (59)
Godman R,T (59)
Greenville
" Greenville-Central City (59)
Henderson Arpk (59)
Hopkinsville
" Campbell AAF (91)
" Garnett (91)
Lebanon (59)
Lexington R (61)
" Blue Grass (61)
" Cool Meadows (61)
London
" Jody (61)
Louisville R (59)
" Bowman T (59)
" Riverside (59)
" Standiford (59)
Madisonville (59)
Mayfield
" Graves Co. (91)
Maysville (61)
Middlesboro (93)
Monticello
" Rice (93)
Mt. Wasnington (59)
Owensboro (59)
Paducah
" McCracken **(91)**
" Howell (59)
Paris (61)
Russell
" Aiken (61)
Shelbyville, Shelby (59)
Shepherdsville FM (59)
Somerset (61)
" Pulaski Co. (93)
Sturgis (59)
Sulphur FM (59)
Union FM (61)
Warsaw (59)

LOUISIANA

Alexandria A, R (127)
" Esler (129)
" McArthur (127)
Arcadia (113)
Barataria FM (129)
Bastrop (113)
" Northern Aviation Service (101)
Baton Rouge R (129)
" East Baton Rouge Parish (129)
" Harding (129)
" Pike Burden (129)
Bogalusa (129)
Camp Polk
" N Camp Polk (127)
" S Camp Polk (127)
Cotton Valley (113)
Covington (129)
" K-P (129)
Crowley
" LeGros Memr'l (127)
Delhi (113)
De Quincy (127)
De Ridder (127)
Dixie FM (113)
Donaldsonville (129)
Esler (123)
Eunice (127)
Ferriday (113,129)
Gilbert
" Gardner (113)
Grand Isle (129)
Hammond (129)
Hodge (113(
Houma (129)
Jackson (129)
Jennings (127)
Lafayette A,H (129)
" Bois de Lafayette (129)
" Girard (129)
Lake Charles A,R (127)
" AAF (127)
" N Lake Charles (127)
Lake Providence (113)
LaPlace FM (129)
Leesville (127)
" Landing Strip (127)
Madisonville FM (129)
Mansfield
" De Soto Parish (113)
Many
" Hart (113)
Minden (113)
Moisant Intern'l T (129)
Monroe A,R (113)
" Selman (113)
Morganza, Point Coupee (129)
Natchitoches (113)
Newellton (113)
" Burnside & McDonald
New Iberia (129)
" Iberia Parish **(129)**
" **Texaco** (129)
New Orleans FM, R, T (129)
" Alvin Callender (129)
New Orleans,
" Chapman (129)
" NAS (129)
" Menefee (129)
" Moisant Inter'l T (129)
New Roads
" False River (129)
North Camp Polk (127)
Oakdale (127)
Opelousas (129)
Patterson
" Harry P. Williams Memorial (129)
Pollock (127)
Ruston (113)
St. Joseph
" Castle (113)
Shreveport R, T (113)
" Barksdale R, T (113)
" Lucien (113)
" Arpk (113)
Sondheimer, Roosevelt (113)
South Camp Polk (127)
Tallulah (113)
Ville Platte, Evangeline (129)
Wilson, Redwood (129)
Winnfield
" David G. Joyce (113)
Winnsboro (113)

MAINE

Andover (18)
Ashland, Snowman's (18)
Auburn
" Greenlaw (18)
" Lewiston-Auburn (18)
Augusta A,R (18)
Bangor R (18)
" Dow T (18)
Bar Harbor (18)
Baring, St. Croix (18)
Belfast (18)
Benton, Fernald's (18)
Bethel (18)
Biddeford (57)
Bowdoinham
" Merrymeeting (57)
Brewer
" Doanes (18)
Bridgewater
" Nelson's (18)
Brunswick
" Douglas (57)
" NAS (57)
" Riverside (57)
Caribou (18)
Deblois Flgt Strip (18)
Dexter (18)
Dow T (18)
East Corinth FM (18)
Eastport (18)
Ellsworth
" Billings (18)
Farmington (18)
Freeport
" Stover (57)
Fryeburg Arpk (18)
Greenville (18)
Houlton A,R (18)
Island Falls
" Green's (18)
Kennebunk (57)
La Grange
" Bishop Fld (18)
Lewiston (18)
" Guertin (18)
Limestone FM (18)
Livermore (18)
Madison
" Weston (18)
Millinocket A,R **(18)**
Minot
" Maheux (18)
Newport (18)
Norridgewock **(18)**
Norway (18)
Old Town (18)
Patten
" Webb's **(18)**
Phillips
" Raymond's **(18)**
Pittsfield (18)
Pittston (18)
Portland A,R (57)
Presque Isle R,T (18)
Princeton (18)
Rangeley (18)
Rockland (18)
" Rockland-Broadway Rumford (18) (18)
Sanford (57)
Scarboro (57)
Skowhegan
" Tomlinson (18)
South Portland
" Port Of Maine **(57)**
Turner
" Rollins **(18)**
Waterville **(18)**
West Bath
" New Meadows **(57)**
West Buxton
" Hilltip (57)
Winterport
" Roy L. Fernald (18)

MARYLAND

Aberdeen (67)
" Phillips T **(67)**
Andrews R,T (69)
Annapolis T (67)
" Lee Annapolis (67)
Baltimore R,T (67)
" Martin T (67)
" Pimlico (67)
" Rutherford (67)
Beltsville FM, A (69)
Berwyn
" Capital **(69)**
Brandywine
" Curtis **(69)**
Camp Springs T (69)
" Andrews R (69)
Churchville
" Aldino (67)
Clinton
" Hyde **(69)**
College Park **(69)**
Croom
" Columbia Air Center
Cumberland (65) (69)
" Mexico Farms (65)
Doncaster FM (67)
Easton
" Webb (67)
Edgewood Arsenal **(67)**
Fort Meade (69)
Frederick
" Stevens **(67)**
" Frederick City (67)

number of char... on which these facilities are ... New facility locat...

Glenburnie
" Whipp (67)
Greenbelt
" Schro... (69)
Hagerstown (67)
Hyattsville
" Queens Chapel (69)
Meekins Neck FM (67)
Ocean City
" Hickman (67)
Patuxent River R,T (67)
Phillips T (67)
Piney Point (67)
Pocomoke (67)
Pomonkey
" Maryland (69)
Priest Point
" Webster T (67)
Riverdale
" Erco (69)
Rock Hall (67)
" Faybrook (67)
Rockville
" Congressional (69)
Salisbury (67)
" Delmarvia (67)
Shady Side (67)
Taneytown (67)
Webster T (67)
Westminister,CAP(67)
Worton
" Andelot (67)
" Kent (67)

[redacted]

Adams (55)
Agawam Land & Seaplane Base (55)
" Bowles (55)
Auburn (57)
Ayer (57)
" Littleton (57)
Barre Plains
" Hiller (51)
Bedford H,T (57)
Beverly (57)
Billerica
" Shawsheen Pines(57)
Boston R (57)
" Logan T (57)
Brant Rock FM (57)
Brockton (57)
Brookfield (55)
Canton
" Boston-Metro (57)
Chatham (57)
Chicopee Falls
" Westover R,T (55)
Clinton,Bolton (57)
Dedham FM (57)
Dracut,Richardson(57)
East Brookfield (55)
Easton FM (57)
Edgartown (57)

Essex,Cape Ann (57)
Everett FM (57)
Falmouth (57)
" Otis (57)
Fitchburg (57)
Franklin FM (57)
Gardner (55)
Great Barrington (55)
Groton (57)
Hatfield,Pilgrim (55)
Haverhill (57)
Hyannis (57)*
Lawrence (o7)
Leicester (57)
Mansfield (57)
" Clifford Sherman Memorial (57)
Marlboro (57)
Mendon (57)
Montague
" Turners Falls (55)
Myricks (57)
Nantucket Isl. (57)
New Bedford (57)
Newburyport
" Plum Island (57)
Norfolk
" Franklin-Norfolk(57)
North Adams
" Stevens (55)
Northampton
" LaFleur (55)
" Pilgrim (55)
North Attleboro
" Wilkins Fly.Fld (57)
North Grafton
" Grafton (57)
Norwood (57)
Oak Bluffs (57)
Orange (55)
Otis (57)
Palmer
" Metropolitan (55)
Peabody FM (57)
Pepperell, Glow (57)
Pittsfield (55)
Plymouth (57)
" OLF (57)
Provincetown Landing
Revere (57) (57)
Seekonk
" Providence (57)
South Boston LFM (57)
Southbridge (55)
South Easton,Ames(57)
South Weymouth T (57)
Spencer (57)
Springfield (55)
Squantum R,T (57)
Taunton,King (57)
Vineyard Haven
" Martha's Vineyard (57)
Wareham,Co.Club(57)
West Barnstable
" Cape Cod (57)
Westboro (57)
Westfield R (55)
" Barnes (55)
Westover R,T (55)
West Springfield (55)
Williamstown
" Fair View Farm(55)
Worcester (57)

MICHIGAN

Adrian,Adrian City (47)
Allegan (33)
Alma (33)
Alpena
" Phelps Collins (15)
" Scheidler (15)
Amasa (15)
Ann Arbor (141)
" Washtenaw (141)
Armada,Center (33)
Atlanta (15)
AuGres (15)
Baldwin (15)
Bangor FM (33)
Baraga,Big Lake (15)
Battle Creek R (33)
" Kellogg (33)
Bay City
" Elements (33)
Belding Flyers (33)
Bellaire (15)
Benton Harbor
" Twin Cities (45)
Big Beaver (141)
Big Rapids
" Mecosta Co. (33)
Birmingham,Berz (141)
Blaney,Blaney Park(15)
Breedsville (33)
Brevort (15)
Cadillac H,A (15)
Calumet
" Houghton Co. (15)
Caro (33)
Centerville
" St. Joseph Co. (47)
Charlevoix (15)
Charlotte,Beach (33)
Clare,Doherty (15)
Clio, West's (33)
Coldwater,Legg (47)
Comstock Park
" Grand River (35)
Croswell,City(33)
Crystall Falls
" Dr.A.L.Haight(15)
Davison,Seely's(33)
Detroit FMH (141)
" Burns (141)
" Detroit City T (141)
" Ford (141)
" NAS (141)
" Nat'l Fly. Svc.(141)
" Joy (141)
" Wayne Co.
Douglas
" Saugatuck-Douglas
Dowagiac (31)
" Cass Co.Mem'l (47)
East Jordan (15)
Eaton Rapids,Miller(33)
Elsie (33)
Escanaba (15)
Evart Mun. (15)
Farmington
" Krist-Port (141)
Flat Rock,Nanbar (141)
Flint H (33)
" Bishop T (33)
Flushing,Dalton (33)
Fostoria,Forrest (33)
Frankfort (15)
Fraser,McKinley(141)
Galesburg
" Avia.Co.Club (33)
Gaylord,Sky Harbor(15)
" Otsego Co. (15)
Gladwin A,H (15)
Grand Ledge
" Abrams (33)
Grand Rapids R (33)
" Kent Co. (33)
Grayling (15)
" Masons (15)
Greenville (33)

Harbor Beach (15,33)
Harrison (15)
Hartford
" Leach Aero Svc. (33)
Hastings (33)
Hillman (15)
Hillsdale (47)
Holland
" Park Township (33)
Houghton
" Isle Royale Sands (15
Houghton Heights
" Houghton Lake (15)
Howell (49)
Indian River
" Calvin Campbell(15)
Ionia (33)
Iron Mountain,Ford (15
Ironwood,Gogebic (14)
Ishpeming-Dexter (15)
Ithaca,Johnsons (33)
Jackson H (33)
" Reynolds (33)
Kalamazoo
" Austin Lake (33)
" Lindbergh (33)
Kalkaska (15)
Kinross (15)
Lakeview (33)
Lansing R (33)
" Capital City (33)
Lapeer (33)
Lawton,Marks (33)
Loretto
" Norway Township(15)
Ludington
" Mason County (15)
Mackinaw City (15)
Maple Rapids (35)
Manistee-Blacker (15)
Manistique
" School-Craft Co.(15)
" Steuben (15)
Marenisco (15)
Marquette Co. (15)
Marshall,Brooks (33)
Mason,Jewett (33)
Menominee Co. (15)
Midland,Barstow (33)
Milan (141)
Mio (15)
Mt. Clemens
" Selfridge R,T (33)
Mt. Pleasant (33)
Munising,Alger Co.(15)
Muskegon R (31,33)
" Muskegon Co. (31)
" Northside (31)
Newaygo (33)
Newberry,Luce Co(15)
Newport (141)
" Monroe (47)
Niles (47)
Norway,Northland (15)
Onaway (15)
Oscoda (15)
Owosso
" Shiawassee Co. (33)
Paw Paw (39)
Pellston H (15)
" Emmet Co. (15)
Petoskey
" Harbor Springs (15)
Plymouth
" Mettetal (141)
" Triangle (141)
Pontiac,Allen's (33)
" Pontiac (33)
Port Huron,Baker's(33)
" St. Clair Co. (33)
Prudenville
" Roscommon Co.(15)
Raco (15)
Rexton,D.A.R. (15)
Rogers City
" Presque Isle Co.(15)
Romulus R (141)

Roscommon (15)
Roseville (141)
Rothbury,Oceana (31)
Saginaw A,H (33)
" Barry (33)
" Skyhaven (33)
" Tri City (33)
Saline FM (141)
St. Helen (15)
St. Ignace
" Mackinac Co. (15)
St. James
" Beaver Island (15)
Sault Ste Marie A,R(15)
Selfridge R,T (33)
Sidnaw
" Prickett-Grooms (15)
South Branch
" Timbers Sky Camp (15)
South Haven, City (45)
Sparta (33)
Sturgis,Kirsch (47)
Tecumseh (141)
Three Rivers
" Dr.Haines Fly. (47)
Traverse City A,R (15)
Utica, Wings (33)
Warren (141)
Waters (15)
Watersmeet (15)
Wayne
" Hartselle Air,Term.
" Stinson (141) (141)
West Branch
" La Porte (15)
White Cloud (33)
Wildwood
" Pet-O-Se-Ga (15)
Wixom FM (141)
Wyandotte,Hance (141)
Ypsilanti H (141)
" Gridley (141)
" McEnnan (141)
" Willow Run T (141)

MINNESOTA

Aitkin Mun. (14)

Albert Lea (29)
Alexandria A,R (11)
Amboy (29)
Annandale,Kentoby (14)
Anoka Fly.Svc. (14)
Appleton (11)
Austin, Decker (29)
Barnesville FM (11)
Baudette (14)
Bemidji (14)
Benson (11)
Blue Earth (29)
Brainerd (14)
" Todd (14)
Camp Ripley (14)
Cokato,Anderson (14)
Coleraine (14)
Crookston (11)
Crosby (14)
Detroit Lakes (11)
Dodge Center
" Pleasant Corners(14)
Duluth R (14)
" Williamson-Johnson
Ely (14) (14)
Erskine
" Erskine-Gunther(11)
Fairfax,Bleick (14)
Fairmont (29)
Faribault (14)
Fergus Falls (11)

Frontenac
" Lake City (14)
Fulda Mun. (28)
" Janssen (28)
Garrison, Miller (14)
Glenwood Mun. (11)
Graceville (11)
Grand Rapids (14)
" Otis Lodge (14)
Hamel FM (14)
Hastings FM (14)
Hector (14)
Hibbing (14)
Hutchinson (14)
Jackson Mun. (29)
Jordan FM (14)
Kenyon (14)
Lake Benton (11)
Lake Wilson
" Smitty Sky Rnch (11)
Le Sueur (14)
Little Falls
" Camp Ribley (14)
Littlefork (14)
Litchfield (14)
Luverne
" Blue Mound (28)
" McDowell Sky Ranch
Madison (11) (28)
Mankato (14)
Marshall (11)
Mayer
" Sells Fly. Fld. (14)
Minneapolis R (14)
" Cedar (14)
" Flying Cloud (14)
" Victory (14)
" Wold Chamberlain T
Montevideo (11) (14)
Monticello (14)
Morris (11)
New Brighton
" Univ. of Minn. (14)
Nisswa
" Heywood Gull Lake
New Ulm (14) (14)
Ortonville (11)
Ossco Landing Fld.(14)
Owatonna (14)
Park Rapids (11)
Pine River
" Sky Harbor Lodge(14)
Pipestone (28)
Princeton (14)
Red Wing (14)
Redwood Falls (11)
Robbinsdale (14)
Rochester R,T (29)
Roseau (11)
St. Cloud
" Whitney Mem'l.(14)
St. Paul (14)
St. Peter (14)
Sherburn (29)
S. St. Paul
" Fleming (14)
Stanton,Carleton (14)
Staples (14)
Taylor Falls (14)
Thief River Falls (11)
Tofte,Gervais (14)
Triumph,Tri-Mont (29)
Turtle River
" Bemidji-Port-O-Wilds (14)
Twin Valley Farm (11)
Virginia (14)
Wadena (11)
Waseca (14)
Westbrook (11)
White Bear Lake
" Northport (14)
Willmar R,A (11)
Winona (14)
Worthington (28)

MISSISSIPPI

Aberdeen,Stinson(115)
Batesville (89,115)
Beulah,Dassett (113)
Biloxi,Keesler R,T(129)
Boldwyn (91)
Brookhaven,Ulmer(113)
Bucatunna,Dobson(129)
Calhoun City
" Johnstone's (115)
Canton, Lee (115)
Clarksdale (89)
" Fletcher (89)
Cleveland (113)
" Janes-Harden (113)
Columbia (129)
Columbus (115)
" Masonic (115)
" Parker & Dowdle(115)
Corinth (91)
Drew,Collier (113)
Elizabeth,Leland(113)
Ellisville (129)
Eupora (115)
Flora FM (115)
" Childress (113)
Florence FM(115,123)
Forest (115)
Glen Allan,Skinner(113)
Grace,Woodside (111)
Greenville,Mun. (113)
" Cypress (113)
" Dixie Dusting Co.(113)
" Greenville AAF (113)
Greenwood R(115)
" Mun. (115)
" AAF (115)
Grenada (115)
Gulfport (129)
"Mun" (129)
Hattiesburg AAF (129)
"Glendale (129)
Heads, Cole. (113)
Houston (115)
Indianola (113)
Jackson R (115)
" Augustine (115)
" East Jackson (115)
" Hawkins T (113)
Jackson,Hinds Co. (113)
" No. Jackson (115)
" Rankin (115)
Kosciusko (115)
Laurel (129)
Leland
" Lakeview (113)
" Tate (113)
Louisville Air Svc.(115)
Lulu, Bass (89)
McComb (129)
McLaurin (129)
Marks (89)
Meridian R (115)
" Key (115)
" Lauderdale Civil (113
Moorhead,Everett (113)
Natchez (113)
" Sharpe (113)
Nesbitt FM (89)
New Albany Fly.Svc(89)
Newton,O'Keefe (115)
Nitta Yuma
" Jim Davis (113)
Oxford (89,115)
Pascagoula
" Jackson Co. (131)
Pelatchee FM (115)
Portshire (113)
Philadelphia,Friendly Flying Service (123)
Picayune (129)
Pickens,Presley's (115)
Pontotoc,Spook (89,115)
Rockport (115,123)
Scooba (115)
Shaw, Collier (113)
Starkville (115)
" Oktibbeha (115)
Stinson (115)
Tupelo
" Carrol Cone (115)
Tutwiler,L.B.Strange Flying Service (111)
Tylertown (123,129)
Vicksburg A,H (113)
Walls,Sanders (89)
Warrenton,Longview
West Point (115) (113)
Winona (115)
Yazoo City, Co. (113)
Yokena
" Le Tourneau (113)
Zeiglerville (115)

MISSOURI

Advance A,R (89)
Aurora (89)
Bernie, Ward (89)
Bethany,Fordyce (41)
Bolivar (89)
Boonville (41)
Bowling Green (41)
Branson (89)
Brookfield,Bailey's (41)
Butler (41)
Cabool (89)
Cameron (41)
Campbell,Ramsey (89)
Cape Girardeau
" Cape Commercial
" Harris (89) (89)
Carthage (89)
Cassville (89)
Charleston (89)
Chillicothe H,A (41)
Chillicothe,Bailey's(41)
Clinton (41)
Columbia R,A (41)
Craig (39)
Diamond (89)
Ellisville (39)
Excelsior Spgs FM (41)
Farmington (89)

Fayette Fly.Fld. (41)
Fenton,
" Sylvan Beach (39)
Festus,Lucas (39)
Fulton (41)
Gallatin,Daviess (41)
Garden City,Wright(41)
Gideon (89)
Grant City
" Edwards Arpk (41)
Gravois Mills
" Mel Adkins Resort
Hannibal (41) (41)
Harrisonville (43)
Houston,King. (89)
Iberia, Eads (41)
Independence (43)
Jefferson City (41)
Joplin R, A (89)
Kansas City R,T (41,43)
" Heart of America(43)
" Kansas City-Grandview (43)
" Ong (43)
Kennett (89)
" Sexton (89)
Kirksville A, R (41)
" Arpk (41)
Kirkwood,Weiss (39)
Knobnoster
" Sedalia (41)
Lebanon (89)
Lexington (41)
Linkville FM (41,43)
Luray (41)
McBride,Chester (89)

Malden AAF (89)
" Dexter (89)
" Gideon (89)
Marceline (41)
Marshall H, A (41)
" Nicholas (41)
Maryville (41)
Mexico,Green (41)
Moberly,Bradley (41)
Monett (89)
Neosho Com. (89)
" Mun. (89)
Neubeiser (39)
Nevada (89)
New Florence H,A (41)
Osborn (43)
Popular Bluffs,Earl (89)
Rolla (89)
St. Charles,Kratz (39)
" St. Charles (39)
St. Joseph R (41,43)
" Rosecrans T(41,43)
St. Louis R (39,41)

" Lambert-St. Louis
" Ross (39) T (39)
" Neubeiser (39)
" Starling (39)
St. Peters FM (39,41)
Sedalia (41)
" AAF (41)
Sikeston
" Harvey Parks (89)
Slater (41)
Spanish Lake FMH,FM (39,41)
Springfield A,R (89)
" McFarland Fly.Svc. (89)
" Rogers (89)
Tarkio H, A (37,39)
Trenton,Vaughn (41)
Unionville Aerys (41)
Valley Park
" Meramec (39)
Versailles (41)
Vichy R, A (41)
Warrensburg (41)
West Plains
" Sky Haven (89)
Windsor,Huston (41)

MONTANA

Alberton FM (6)
Baker (10)
Belt FM (6)
Big Timber (7)
Billings R,T,LFM (7)
Birney
" Bones Bros. Ranch
Bozeman R (6) (7)
" Gallatin (6)
Butte A, R (6)
Cascade FM (6)
" Bob Gordon (6)
Chester (6)
Chinook (7)
Choteau (6)
Circle (7)
Columbus (7)
Conrad (6)
Custer R, A (7)
Cut Bank A, R (6)
Deer Lodge (6)
Dell Flight Strip (6)
Denton (7)
Dillon R, A (6)
Drummond R, A (6)
Ennis (6)
Eureka (3)
Flathead Nat'l Forrest
" Basin Creek (6)
" Big Prairie (6)
" Black Bear (6)
" Condon (6)
" Holbrook (6)
" Meadow Creek (6)
" Schaeffer (6)
" Spotted Bear (6)
Forsyth (7)
Fort Benton (6)
Fort Peck (7)
Gardiner (6)
Gates Park (6)
Geraldine,Tanner (6)
" Geraldine (6)
Geyser (6)
Glasgow,Valley Co.(7)
Glendive (10)
Great Falls R,T (6)
" AAF T (6)
Gregson
" Rainbow Skyport (6)
Hamilton (6)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

Hardin
" Big Horn Co. (7)
" Zelka (7)
Harlem (7)
Harlowton (7)
Havre City-Co. (7)
Helena R, T (6)
Homestake LFM (6)
Hot Springs (6)
Huson,Six Mile (6)
Ingomar (7)
Jordan (7)
Kalispell (6)
" Flathead Co. (6)
Lavina (7)
Lewistown A, R (7)
Libby (3)
Livingston A, R (6)
" Int. (6)
Malta Arpk (7)
McDonald Pass FM (6)
Mildred (7)
Miles City A, R (7)
Missoula R (6)
" Rale (6)
" Missoula Co. (6)
Moore (7)
Mullan Pass R (3)
Nibbe FM (7)
Park City FM (7)
Plains (6)
Plentywood (10)
Polesbridge
" Quarter Circle M.C.
Polson (6) Ranch (6)
Poplar (7)
Rapelje (7)
Red Lodge (7)
Roundup (7)
St. Xavier (7)
Scobey (7)
Seeley Lake (6)
Shelby,Toole Co. (6)
Sheridan (6)
Sidney (10)
Stanford FM (6)
Stevensville (6)
Superior R, A (6)
Tampico,Richart (7)
Thompson Falls (3)
Townsend (6)
Troy (6)
Twin Bridges (6)
Valier (6)
Vida, Vine (7)
West Yellowstone (6)
Whitehall R, A (6)
Whitetail FM (6)
White Sulphur Spgs (6)
Winston FM (6)
Wolf Point (7)
" Gustafson-Anderson (7)

NEBRASKA

Ainsworth (28)
Alliance AAF (27)
" Mun. (27)
Atkinson (28)
Auburn (39)
Bayard (35)
Beatrice (37)
Beaver City,Hewett's
Benkelman (37) (37)
Big Springs (35)
Blair (39)
Bradshaw (37)
Brainard (37)
Broken Bow (37)
Bruning (37)
" Hawks (37)
Chadron H,A (27)
Chappell (35)
Clay Center (37)
Columbus (37)
Cozed,100th Meridian
Crawford (27) (37)
Crete (37)
David City (37)
Decatur,Eagleton (39)
Elgin (37)
Fairbury (37)
Falls City (39)
Fort Robinson (27)
Franklin,Lakeside (37)
Fremont (37)
Geneva, Fairmont (37)
Gordon (27)
Gothenburg (37)
Grand Island R (37)
" Central (37)
Harvard (37)
Hastings (37)
" Sky Ranch (37)
Hayes Center R,A (37)
Hay Springs (27)
Hebron (37)
Holdrege (37)
" Mun. (new) (37)
Humboldt, Hew's (39)
Imperial (37)
Kearney (37)
" AAF H,T (37)
Lewellen, Patty's(35)
Lexington (37)
Lincoln A,R (37)
" Arrow (37)
" Union (37)
" Waverly (37)
Lisca (35)
Lorenzo (35)
McCook (37)
" AAF (37)
Mead FM (37,39)
Mitchell (35)
Nebraska City
"Grundman (39)
Norfolk (37)
North Platte R (37)

Oakland (37)
Offutt T (39)
Ogallala (35)
Ohiowa (37)
Omaha R, T(37,39)
" Clear Ridge (39)
" Offutt T (39)
O'Neill Mun. (28)
Ord (37)
Oshkosh (35)
Overton (37)
Pender (28)
Potter,Bar 'J' Lazy V(35)
" Idle Acres (35)
Ravenna (37)
Republican City (37)
Rushville,Modisett(27)
Schuyler (37)
Scottsbluff R,A (35)
Scribner (37)
Seneca (27)
Sidney H, A (35)
Sidney,
"Schwartz-Johnson(35)
Stratton, Hall (37)
Stuart, Skrdla (28)
Tecumseh (39)
Valentine (27)
Valley (39)
Wayne (28)
Weeping Water
" Steckley Co. (39)
West Point (37)
York (37)

NEVADA

Alamo,Pahranagat (79)
Austin (22,77)
Basalt (77)
Battle Mountain A,R(22)
" Flight Strip(22)
Boulder City (79)
Buffalo Valley (22)
Caliente (79)
Carlin FM (22)
Carson City (77,22)
Crystal FM (79)
Deeth FM (22)
Elko R (22)
" Keddie (22)
Ely, Yelland (23)
Fallon A,R (77,22)
" Lahontan (77,22)
Fernley (77,22)
" Lahontan (77,22)
Gabbs (77) (77)
Genoa,Tahoe Sky Harb.
Goodsprings FM (79)
Hawthorne (77)
Humboldt R,A (22)
Indian Springs (79)
Las Vegas T,R (79)
" Alamo (79)
" Ranch Club (79)
" Sky Haven (79)
" Vegas Sky Corral(79)
Lovelock (22,77)
" Int. (22,77)
Manhattan (77)
Minden
" Douglas-Tahoe (77)
Mormon Mesa (79)

Owyhee (22)
Reno R A (77,22)
" Hubbard T (77,22)
San Jacinto (23)
Scottys (77)
Searchlight (79)
Smith,Smith Val'y (77)
Sparks (22,77)
" Reno Sky Ranch(22,77)
Tonopah A, R (77)
" AAF (77)
" Bomb.&Gun.Rng(77)
Ventosa (23)
Wadsworth FM (22)
Wells (23)
Winnemucca (22)
" Int. (22)
Yerrington (22, 77)

NEW HAMPSHIRE

Berlin (18)
Boscawen FM (57)
Claremont (55)
Concord R, A (57)
" Merrimack Bay (57)
Conway, Valley (57)
Grenier R, T (57)
Haverhill,Dean Mem'l(18)
Hampton (57)
Hinsdale,Brattleboro—
Hinsdale Arpt. (55)
Hooksett Land & Seapl.
Keene (55) (57)
" Dillant-Hopkins (55)
Laconia (57)
Lancaster (18)
Lebanon A, H (55)
Manchester,Grenier
R, T (57)
Nashua, Boire (57)
" Daniel Webster (57)
" Gate City Arpt (57)
Newport (55)
North Conway, White
Mountain (18)
Plymouth (57)
Portsmouth (57)
Sommersworth,Wayside
Twin Mtn.(18) (57)
Whitefield (18) (57)
Wolfeboro,Lakes Region

NEW JERSEY

Adamston,Ocean Co.(71)
Almonesson (69)
Andover,Trinca (71)
Asbury Park FM,A(71)
Ashland, Echelon (69)
Atlantic City (71)
" NAS T (71)
Auburn, Woodstown (67)
Barrington,Merrill(69)
Basking Ridge Sommer-
set Hills (71)
Belmar,Monmouth Co.
(71)
Belvidere,Martins
Creek (53)
Bendix,Teterboro T(71)
Blairstown,Lake Sus-
quehanna (53,71)
Blockwood (69)
Boonton,Acft Rdo Corp.
Bridgeport (69) (71)
Bridgeton,Buck's (67)
Burlington (69)
Caldwell-Wright T (71)
Camden,Central (69)
Cape May (71)
" Courthouse Smith(71)
Cassville LFM (71)
Chatsworth,Coyle (71)
Clarksville,Nassau (71)
Clinton,NW Jersey (71)
East Hanover (71)
Elizabeth FM (71)
Florence, Worth(69,71)
Forked River A,FM (71)
Fort Dix (71)
Freehold FM (71)
Glassboro,Triangle (69)
Greenwich (67)
Hackettstown (71)
Hightstown (71)
Lakehurst R,T (71)
Lakewood (71)
Landisville,Downstown
Lebanon FM (71) (71)
Lincoln Park (71)
Marlton-Medford (69)
Matawan R (71)
Metuchen FM (71)
Millville A, R. (67)
Moorestown (69)
Morristown (71)
Mt. Holly (69,71)
Newark R, T (71)
New Brunswick, Hadley
(71)
North Brunswick (71)
Ocean City,Clarke (71)
Paterson,Murchio (71)
Pennington (71)
Penns Grove (67)
Pitman (69)
Pittstown,Alexandria
Princeton (71) (67)
Rahway,Westfield (71)
Readington,Solberg-
Hunterdon (71)
Red Bank (71)
Richland,Cavolios (71)
Salem (67)
Sommerville,Somerset
Sussex (55) (71)
Toms River (67)
Trenton (71)
" Mercer Co.(69,71)
" Trenton (new)(69,71)
Vineland,Kroelinger(67)
Wildwood (71)
Woodbury (69)
Woodbine (71)
Woodbridge,Shinn-
Woodbridge (71)
Wrightstown,Ft.Dix(71)

NEW MEXICO

Acomita A, R (81)
Alamogordo A,R (105)
" AAF (105)
Albuquerque A, R (83)
" Alameda (83)
" Cutter-Carr #2 (83)
" Graham Bell (83)
" Kirtland T (83)
" Sky Court (83)
" West Mesa (83)
Anton Chico (83)
Artesia (105)
Aztec (81)
Belen FM (83)
" Art Goebel (83)
Berino,Valley (105)
Carlsbad A,R (105,121)
" Mun. (105,121)
" Carlsbad #1 (105,121)
" John J. Small (105,121)
" Tracy (105,121)
Carrizozo (105)
Clayton (83)
Clovis R,A,H. (83)
" AAF T (83)
" Hillcrest (83)
Columbus R,A (105)
Cubero (81)
Cuervo (83)
" Holbrook's (83)
Deming Arpk (105)
" AAF (105)
" Center (105)
" Skytel (105)
Des Moines,Wetherly(83)
Dora (107)
Eagle Nest (83)
El Morro R, A (81)
Engle R, A (105)
Farmington (81)
Ft. Sumner (83)
" #5 (83)
Gallup (81)
" Gallup City (81)
Hachita (105)
Harrington Ranch FM
(105)
Hobbs R, A (107,121)
" AAF T (107,121)
" Me-Tex (107,121)
Hot Springs (105)
Hurley (105)
Jal,Continental(107,121)
Juan Tomas FM (83)
Las Cruces (105)
" Mun. (105)
" Int. (105)
Las Vegas A, R (83)
Lordsburg (103,105)
Lovington (107)
Magdalena (105)
Maxwell A, FM (83)
Mesilla Park,St.
College (105)
Milnesand,Fly 'M' (107)
Mountainair (83)
Mt. Riley (105)
Otto R, A (83)
Peralta FM (83)
Portales (107)
Raton,Crews ((83)
" Eagle Tail (83)
Rodeo R,A, (103,105)
Roswell (105)
" Com. (105)
" B & B (105)
" AAF R, T (105)
" AAF #3 (105)
Roy (83)
Ruidoso,Parker (105)
" Flying Svc. (105)
Santa Fe (new)H,A(83)
" (old) (83)
Shiprock,Indian Svc (81)
Silver City (105)
" Whitehill(105)
Socorro (105)
Springer (83)
Strauss,Jundt (105)
Taos (83)
Tucumcari A, R (83)
Tularosa (105)
Wagon Mound (83)

NEW YORK

Accord (55)
" Cliff Haven (55)
Albany A, R (55)
Albion (51)
Amityville,Zahns (71)
Angola A, FM (51)
Amsterdam (55)
Angelica (53)
Arcade (51)
Armonk,Westchester
Auburn (53) (55)
Auriesville FM (55)
Ballston Spa (55)
Barker Trade Sch. (55)
Batavia (51)
Bayport,Davis (71)
Bedford,White (55)
Beekman,Lime Ridge
(55)
Bethpage,GrummanT(71)
Billings,Freedom
Plains (55)
Binghamton (53)
Blasdell-Hayes (51)
Boonville (53)
Brentwood,Bender (71)
Brocton-Becker (51)
Buffalo R,T (51)
Burt,Lakeview (51)
Canastota (53)
Carlisle,Briggs (55)
Carthage (53)
Catskill Valley (55)
Cheektowoga FM (51)
Cicero (53)
Clarence,Co.Club (51)
Clayton,Sunnybrook (18)
Colonie FM (55)
Commack,Carll Skyport
Cooperstown (55) (71)
Corinth (55)
Cortland (53)
Dansville A, H (53)
Deer Park (83)
Delanson,Sky Haven (55)
Depew,Transit (51)
Dunkirk A, H (51)
" Werle (51)
E.Amherst,Steffen(51)
E.Greenbush (55)
E.Hampton (55)
E.Pembroke FM (51)
" Pembroke (51)
Edgemere,Rockaway
Elizabeth (55) (71)
Elmira R (53)
" Chemung Co. (53)
" Pine City (53)
Endicott,Tri-Cities T
Falconer (51) (53)
Farmingdale,Republic
T (71)
Fisher's Isl,Elizabeth
(55)
Flatbush FMH,FM (71)
Flushing (71)
Floyd Bennett R,T,FMH
(71)
Fort Plain,Stone Arabia
" Int. (55) (55)
Fredonia (51)
Fulton (53)
" Arpk (53)
Gardenville,Buffalo(51)
Geneva,Mason (53)
Getzville,Audubon(51)
Glens Falls H,A (55)
" Warren Co. (55)
Gloversville,Glove City
" Steenburg (55) (55)
Gowanda (51)
Greenridge,Hughes (71)
Halcott Ctr,Halcott (55)
Hamburg Arpk (51)
" Erie Co. (51)
Hamilton,Colgate U.(53)
Hammondsport,Bath-
Hammondsport (53)
" Mercury (53)
Hancock (53)
Hempstead,Mitchel R,
T (71)
" Nassau (71)
Herkimer,Hayduk (55)
Hicksville Arpk (71)
" Avia .Co.Club (71)
Hilton (53)
Honeoye Falls (53)
Hornell (53)
Horseheads,Eagle (53)
Hudson Falls (55)
Idlewild R (71)
Islip,MacArthur T (71)
Ithaca (53)
" Cayuga (53)
Jamestown (51)
Johnstown,Vaughan (55)
" Fulco (55)
Keene,Marcy (18)
Keeseville (18)
Kingston (55)
" Kingston-Ulster (55)
Kirksville (53)
Lake Placid (18)
Lake View (51)
Lancaster,Scott (51)
Livingston,Manor (55)
Lockport,Graf (51)
" Lee (51)
Mahopac (55)
Malone-Dufort (18)
Margaretville-Fleisch-
man (55)
Massapequa
" Fitzmaurice (71)
Massena A, R (18)
" Stewart (18)
Mastic (71)
Mattituck (55)
Medina (51)
Medway FM (55)
Mexico,Ladd's (53)
Middleburg,Valley(55)
Middletown,Randall's
" Starhaven (55) (55)
Millerton (55)
Mineola,Roosevelt (71)
Minoa (53)
Mitchel R, T (71)
Montgomery (55)
" U.S.Mil.Acad.#1 (55)
Monticello-Sullivan Co.
(55)
Montour Falls,Martin
Moravia (53) (53)
Narrowsburg (53)
Newark (53)
New Baltimore,Farly's
(55)
Newburgh,StewartR,T
(55)
" Stanton's-Newburgh
Cub Port (55)
New City,Christie (55)
" Rockland (55)
New Hackensack A,R (55
New Paltz (55)
New Rochelle FMH,FM
(71)
New Springville,Staten
Island (71)
New York NAS,Floyd
Bennett R,T (71)
" La Guardia R,T (71)
Niagara Falls T (51)
North Tonawanda,Co.
Line (51)
" Shawnee Fly.Svc.(51
Northville,Sacandaga
Park (55)
" Plateau (55) (53)
Norwich,Warren Eaton
Norwood,Reagan (18)
Nyack,Miller (55)
Ogdensburg (18)
Olcott, Palmer (51)
Olean (51)
Oneonta,Keyes (53)
Orchard Park (55)
Owasco,Bonnie Brae
(53)
Painted Post (53)
" Costa's (53)
Peekskill,Croton (55)
Penn Yan (53)
Perry Central (51)
" Fly. Svc (51)
Piseco (55)
Pittsford,Brizee (53)
Plattsburg,mun. (18)
Port Chester FM (71)
Port Jervis,Huguenot
(55)
Potsdam,Damon (18)
Poughkeepsie,
" Arlington (55)
Pulaski,Ross (53)
Ravena (55)
Red Creek (53)
Rexford,Long Meadow
(55)
Rhinebeck,Cozine(55)
Richland (53)
Richmondville
" Schoharie (53)
Ripley (51)
Rochester R,T (53)
" Comm. (53)
" Meacham-Genessee
" Hylan (53) (53)
" Ridgeway (53)
Rockaway Park LFM
Rome T (53) (71)
Rushville (53)
Salamanca (51)
Saranac Lake (18)
Saratoga Spgs FM (55)
Sayville (71)
Schenectady Co. (55)
" Intercity (55)
Schuylerville (55)
Scottsville (53)
Selkirk (55)
Seneca Falls (53)
Sidney (53)

Silver Creek (51)
Silver Springs (51)
Somers (55)
Springville (51)
Spring Valley (55)
Stewart R,T (55)
Stormville (55)
Syracuse A,R (53)
" Mun T. (53)
Ticonderoga (55)
Tonawanda (51)
Travis,Richmond Co.
Troy (55) (71)
Tupper Lake (18)
Utica A,R (53)
" Smithport (53)
Valley Stream,
Columbia (71)
Walden,Newburgh-
Walden (55)
Wallkill,U.S.Mil.Acad.
#2 (55)
Wappingers Falls (55)
Warwick-Wickham (55)
Watertown R (53)
" Bradley (18)
Wellsv'l,Crowner(53)
Westfield (51)
Westhampton Beach
" Suffolk Co. (55)
Westport (18)
White Plains,
" Westchester Co. T
(55)
Whitesville,
Community (53)
Williamsville,Sheridan
(51)
Wilson Flying Fld (51)
Wingdale (55)
Wollcottsville FM (51)
Wurtsboro (55)

NORTH CAROLINA

Aberdeen (95)
Albermarle,Stanley (95)
Asheboro (95)
Asheville-Henderson-
ville (93)
" Josephson (93)
" Owens (93)
Atlantic (97)
Aydelette FM (97)
Barco (97)
Beaufort-Morehead
City (97)
Balloon Fl (95)
Belmont (95)
Black Mountain (95)
Bogue (97)
Brevard,H & R (93)
Burgaw (97)
Burlington (95)
" Fairchild (95)
Camp LeJeune T (97)
Camp MacKall (95)
Candor (95)
Carolina Beach(97,119)
Chadbourn Duke (95)
Chapel Hill,Wms. (95)
" Hogan (95)
Charlotte R (95)
" Cannon (95)
" Delta (95)
" Douglas T (95)
" Mulza (95)
Cherry Point R (97)
" MCAS T (97)
Clinton (97)
Concord (95)
" Coley (95)
Derita,Brockenbrough
(95)
Draper,Tri-City (95)
Durham (95)
" Pharis (95)
Eagle Spgs,Parkers(95)
Edenton FM, A (97)
Elizabeth City T (97)
" Woodville (97)
Elkin (95)
Enfield (97)
Erwin (95)
Fayetteville (95)
Ft.Bragg,Balloon (95)
" Pope R,T (95)
Franklin (95)
Gastonia,Mun.(95)

(66)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted Seaplane bases are not charted or indexed. N B. New facility locations listed below black line.

Gastonia,Spindle City (95)
Gibsonville, McLean Bros. (96)
Goldsboro, Seymour-Johnson (97)
Greensboro R (96)
" High Point T (96)
" Routh (96)
Greenville (97)
Henderson (97)
Hendersonville (93)
Hickory (96)
High Point,Fraley(96)
Hoffman, Camp McKall AAF (96)
Jacksonville (97)
Julian,Gilmore #1 (95)
Kannapolis (96)
" Carolina Arpk (96)
Kings Mtn (96)
" Bridges (96)
Kinston (97)
" Piney Grove (97)
" Smith (97)
Laurinburg, Pine Acres (95)
Lexington (95)
Lillington (95)
Lincolnton (95)
" Burris (95)
Louisburg,Franklin(97)
Lumberton (95)
Maxton FM (97)
" Roanoke Isl. (97)
Marion, Francis Marion (93)
Maxton, Laurinburg-Maxton (95)
Mayodan,Mayo (96)
Micaville (93)
Mocksville (96)
Monroe (96)
" Mun. (96)
Mooresville,Harris (95)
Morganton (93)
" Lenoir (93)
Morehead (97)
Mt. Airy (95)
" Colonial (95)
Mt. Olive (97)
New Bern FM (97)
" Simmons-Knoti(97)
New River, Camp Le Jeune T (97)
Newton,Conover (95)
North Wilkesboro (95)
Oak Grove T (97)
Oxford,Young (95)
Pinehurst,Knollwood(95)
Plymouth (97)
Polloksville,Oak Grove
Pope R,T (95) T (97)
Raeford,Upchurch (95)
Raleigh A,R, (95)
" C.A.P. (95)
" Raleigh-Durham T
Red Spgs,Brooks(95) (95)
Reidsville (95)
" Rapids Halifax Co.
" Warf (95) (95)
Rockingham-Hamlet(95)
Rocky Mount (97)
" Avalon (97)
Roxboro (95)
Salisbury (95)
Sanford Lee Co.(95)
Selma (97)
Seymour-Johnson(97)
Shelby, Bridges (93)
" Byers (93)
Silver City,Gilmore(95)
Southern Pines,
" Skyline (95)
South Mills FM (97)
Spindale,Rutherford (93)
Statesville (95)
Sylva (93)
Tarboro (97)
Thomasville (95)
" Pauls Arpk (95)
Wadesboro (95)
" W & L Awys (95)
Wallace (97)
Warrenton (97)
Washington,Warren(97)
Weeksville R,T (97)
West Jefferson (93)
White Lake,Beach(97)
Whiteville (95)
Wilmington Arpk(97,119)
" Bluethenthal(97,119)
" Peiffer(97,119)
Wilson (97)
Windsor,Spivey (97)
Wingate,McLeod (95)
Winston-Salem R (95)
" Smith Reynolds T(95)
Yanceyville,Caswell(95)
Zebulon (97)

NORTH DAKOTA

Abercrombie (11)
Ashley H,A (11)
Beach (10)
Bismarck A,R (10)
Bottineau (10)
Bowman (10)
Cando (11)
Carrington,Matheny(11)
Crosby (10)
Dawson (11)
Devils Lake (11)
" Bell (11)
Dickinson A,R (10)
" Worth (10)
Driscoll FM (10)
Fargo R (11)
" Hector T (11)
Fessenden,Mohr(11)
Glen Ullin (10)
Golva (10)
Grand Forks A,R(11)
Harvey (11)
Hettinger (10)
Jamestown A,R (11)
Judson FM (10)
Killdeer,Ilo (10)
Langdon (11)
Lisbon (11)
Maddock (11)
Minot R (10)
" Port O'Minot (10)
Mohall (10)
Mott,Wyman (10)
New England (10)
New Rockford (11)
Parshall (10)
" Miller (10)
Pembina R,A (11)
Portal (10)
Rhame (10)
Rolla (11)
Rugby (10)
Towner (10)
Valley City (11)
Wahpeton, School of Science (11)
Washburn (10)
Watford City (10)
West Fargo LFM (11)
Wheatland FM (11)
Williston (10)
" Chandler (10)
" Wright (10)
Wyndmere,Homestead (11)

OHIO

Akron A,R (49)
" Akron-Canton (49)
Alliance,Taylorcraft(49)
Amanda,Wolfords(63)
Archbold A,H (47)
Ashland (49)
Ashtabula (51)
Athens,Ohio Univ.(63)
Avon Lake LFM (49)
Barberton,Ling (49)
Bedford (141)
" Ward (141)
Bethel (61)
Bowling Green R (49)
" Bricker (49)
Brecksville FM (49)
Brookfield (51)
Bryan,Stombaugh(47)
Bucyrus,Port Bucyrus
Cambridge (63) (49)
Canton
" Akron-Canton (49)
" Martin (49)
" McKinley (49)
Chagrin Falls (141)
Chardon (141)
Cherry Fork (63)
Chesapeake,Huntington (63)
Chillicothe,Jones(63)
" Scioto Trail (63)
" Skypark (63)
Cincinnati R (61)
" Campbell (61)
" Cheviot (61)
" Lakewood (61)
Lunken T (61)
Mt. Healthy (61)
Parks Watson (61)
Cleveland R,,T(141)
" Brooklyn (141)
Clinton Co. T,FMH (63)
Coldwater (47)
Columbus R (63)
" Clickenger (63)
" Lockbourne T (63)
" Norton (63)
" Ohio State Univ.(63)
" Port Columbus T(63)
" Price (63)
" Sullivant Ave. (63)
Conneaut,Lakeville (51)
Crooksville (63)
Dayton T,R (47)
" Dahlo (47)
" South Dayton (47)
" Wright T (47)
Defiance,Bryan-Defiance Memorial(47)
E.Liverpool,Swaney(51)
Elyria A,FMH,FM(141)
Fairfield R,FM(47)
" Patterson T (47)
Findlay A,H (49)
Fostoria,Snyder (49)
Fremont,Slager (49)
Galion (49)
Gallipolis,Twin Cities (63)
Greenford,Holloways (51)
Greenville,Lansdowne
" Treaty City(47) (47)
Grove City (63)
Hamilton (61)
Harrison (61)
Hayesville H,A (49)
Hicksville,Skinner(47)
Hilliard FM (63)
Hillsboro (61)
Hooker,Port Lancaster (63)
Hudson,Mid City (141)
Jackson,Shumate (63)
Kellys Isl.,Fenwick(49)
Kent, Kent State (49)
Kenton,Cedar Lawn(63)
Lancaster (63)
" Hightman (63)
LeRoy,Westfield (49)
Lewisburg,Midway(47)
Lewistown,Voss (63)
Lima (47)
Lockbourne T (63)
Lodi (49)
Lorain City (141)
" Skyport (141)
Loveland FM (61)
Magnolia (63)
Mansfield (49)
" Gage (49)
Marietta (63)
Marion (63)
Mason,Attaway (61)
Massillon,Noble (49)
Medina,Prichard(49)
Middletown (61)
Minford,Knore(63)
Montezuma,Lakeview(47)
Morrow,Happy Landings
Mt.Liberty FM(63) (61)
Mt.Orab FM (63)
Mt. Vernon,Wynkoop(63)
Nevada,Coons (49)
Newark A,FM (63)
New Holland,Tri-Co.(63)
New Parris
" New Westville (47)
New Philadelphia (63)
North Benton,Miller(49)
Northfield,Sky Haven(141
North Hamilton(61)
North Royalton LFM(49)
Norwalk (49)
" Arpk (49)
" Parks Arpk (49)
Oxford,Miami Univ.(47)
Patterson R,T (63)
Paulding Co. (47)
Perry H,A (49)
Piqua (47)
Port Clinton,Peninsula (49)
Portsmouth, Raven Rock (63)
Put-In-Bay (49)
Reynoldsburg,Snook(63)
Rushylvania,Port Core (63)
Sandusky, Hinde (49)
Sharonville, Cincinnati (61)
Sidney (47)
Solon (141)
Springfield (63)
" Crabill (63)
Summit Stn LFM (63)
Tiffin (63)
Tiltonsville, Scott(65)
Toledo R,T (49)
" Franklin (49)
" Nat'l Aviation (49)
Toronto (65)
Troy,Waco-Troy (47)
Urbana, Grimes (63)
Van Wert (47)
Vermilion FM,A (141)
Verona FM (47)
Wakeman, Ortner(141)
Wapakoneta
" Port Koneta (47)
Warren, Hall (51)
" Airways (51)
" Port Warren (51)
" Tyndall (51)
Washington Court House,Wash.Arpk(63)
Watertown,Reed's(63)
Wauson, Grieser (47)
Wellington (141)
Willard (49)
Williamsfield, Sky Har (51)
Willoughby (139)
" Chagrin Harbor(141)
" Euclid Avenue (141)
" Lost Nation (141)
Wilmington (63)
" Clinton Co.T,FMH (63)
Woodsfield (63)
Wooster (49)
Youngstown R,T (51)
" Bernard (51)
" Bird (51)
" Watson (51)
Wright T (47)
Zaleski State For.Svc. (63)
Zanesville A,H (63)
" Briggs (63)
" Commerce (63)
" Riverside (63)

OKLAHOMA

Ada (85)
" Community (85)
" Walker (85)
Afton, Monkey Is.(89)
Altus (85)
" Mun. (85)
" Olustee (85)
" Walker (85)
Alva (85)
Anadarko (85)
Antlers (85)
Anthony A,H (85)
Ardmore A, H (85)
" Int. (85)
Arnett (81)
Atoka (85)
Bartlesville (86)
" Phillips T (86)
Beaver (85)
Blackwell (85)
" Marks (85)
Boise City (83)
" Comm#2(83)
Bristow (81)
Buffalo (85)
Calumet, Bomhoff(87)
Carnegie,Dukes (85)
Cherokee,Jim.Ray(85)
Chickasha (87)
" Mariash (87)
Claremore,RogersT
Clinton (85) (85)
" Victory (85)
Cordell (85)
Cushing (85)
Davies - Jolly Aero(85)
Delhi (85)
Dill (85)
Duncan,Halliburton(85)
Durant,Comm. (109)
" Eaker (109)
Edmond,Central (87)
Elk City, Bennett (85)
El Reno (87)
" Mustang (87)
Enid (95)
" North (85)
" Woodring (85)
Erick, Haddock (85)
Ft. Cobb, Caddo (85)
Ft. Sill, Post T (85)
Frederick (85)
Gage A, R (85)
Geary (85)
Grandfield (85)
" #3 (85)
Great Salt Plains (85)
Guthrie (87)
Guymon (new)(83)
" (old) (83)
Hartshorne (85)
Healdton, Davis (85)
Heavener (89)
Henryetta, Hawk's(85)
Hinton, Kingfish (87)
Hobart (85)
" Hunters (85)
Holdenville (85)
Hooker, Gustin (83)
Hugo,Weddington (109)
Idabel (109)
Jefferson, Kittenbrink (85)
Jet, Great Salt Plains (85)
Kingfisher (85)
Lamont,White Bros(85)
Langston,Univ. (87)
Lawton (85)
" Cameron College(85)
Lexington,Purcell (87)
Lone Wolf,Hohmann(85)
McAlester (85)
Mangum,Ponder (85)
Marietta FM(109)
Marlow (87)
Miami (89)
Moore, Wheatley (87)
Moseley, Univ. (89)
Muskogee (85)
" Hatbox-Muskogee(85)
Mustang FM (87)
Newall FM (87)
Newkirk,Skypark (87)
Norman,Westheimer (87)
Nowata (85)
Okemah (85)
Oklahoma City R,LFM (A)(85,87)
" Garthoeffner (87)
" Nuckols (87)
" Tinker R,T (87)
" Tulakes (87)
" Wiley Post (87)
" Will Rogers T(87)
Okmulgee (85)
" Com. (85)
Pauls Valley (87)
Pawhuska (85)
Perry (85)
Picher,Jameson (89)
Ponca City,A,H (85)
Post T (85)
Poteau (89)
Pryor, Long (85)
Red Fork FM (85)
Roosevelt R (85)
Sapulpa (85)
Sayre (85)
Seiling
" - Cook's (85)
Seminola (85)
Sentinel, Mem'l (85)
Shawnee Mun. (85)
Skiatook FM (85)
South Coffeyville
" Jensen (85)
Stillwater #1 (85)
" #2 (85)
Stilwell (89)
Stroud (85)
Sulphur (85)
Tahlequah (89)
Thomas, Kell-Air(85)
Tinker R,T (85,87)
Tishomingo (85)
Tonkawa (85)
Tulsa R,T (85)
" Brown (85)
" Commercial (85)
" Harvey Young (85)
" North (85)
Verdigris River FM(85)
Vici (85)
Vinita, Fallin (85)
" Topper (85)
Walters (85)
Washington FM (87)
Watonga (85)
Waynoka
" - Kelsey (85)
Weatherford (85)
Wetumka, Boren (85)
Wewoka, com. (85)
" mun. (85)
Woodward (85)
" mun. (85)
Yukon, Cimmaron (87)
" Lake View (87)

OREGON

Albany (2)
Alkaki Lake (22)
Arlington (2)
Astoria,Clatsop Co.R(2)
Aurora (143)
Baker A,R (3)
Bay Ocean FM (2)
Beaver Marsh (19)
Beaverton, Barnard Bend (2) (143)
Boardman (3)
Brooks, Sky Haven (2)
Burns (22)
" Roe Davis (22)
Cabbage Hill FM (3)
Canby (143)
Cave Junction
" Illinois Valley (19)
Corvallis (2)
Corvallis Jct. (2)
Cottage Grove A,FM(19)
Cow Creek (19)
Creswell, B &H(19)
Dallas (2)
Denmark,Curry Co. (19)
Eagle Pt.,Blue Star(19)
Enterprise (3)
Eugene R,A (2)
" Mahlon Sweet (2)
" Willamette (2)
Grants Pass (19)
Gresham,R.O.K.(143)
Harrisburg (2)
Hermiston (3)
Hillsboro (143)
Hood River (2)
Idanha,Santiam Jct. (2)
Joseph (3)
Klamath Falls A,R (19)
La Grande A,H,FM (3)
Lakeside (19)
Lakeview (19)
Lebanon (2)
Lexington (3)
McNary (2)
Madras (2)
McMinnville (2)
Medford R,A (19)
" AAF T (19)
" Piercy (19)
Milton, Oregon Sky Ranch (3)
Milwaukee,Wells (143)
Monmouth, Adams (2)
Mulino,Green Acres(143)
Myrtle Creek (19)
Newburg,Sportsman(143)
Newport (2)
North Bend (19)
Ontario H (3)
Oregon City, Sky Park (143)
Pendleton R, T (3)
" Airways Inc. (3)
Portland R,T(2,143)
" Dwyer (143)
" Birdsdale (143)
" Troh's Skyport (143)
Prineville (2)
Redmond R (22)
" Roberts (2)
Riddle, Tri-City (19)
Rome (22)
Roseburg (19)
Scappoose, Columbia Co. (143)
Seaside (2)
Silverton, Adams (2)
Sutherlin,Sky Ranch(19))
Sweet Home,Langmack (2)
The Dalles A,R (2)
Tillamook R, T (2)
" Coastway Sch. (2)
Trail FM (19)
Troutdale (143)
Vale (22)
Veronia (2)
Waseo (2)
Willamette FM (2)
Woodburn,Barrett-Schuler (143)
Worden (19)

PENNSYLVANIA

Allentown R (53,67)
" Bethlehem (53,67)
" Corvair (67)
Altoona R (65)
" Stultz (65)
Ambler, Wings T (69)
Andreas, E.Penn (53)
Annville, Millard (67)
Athens,Chemung Val'y
Beaver Falls (53)
" Patterson Heights (51)
Beaver Meadows
" - Green Acres (53)
Bedford (79)
Bellefonte (53)
Berwick (57)
Bethel, Grimes (67)
Bloomsburg (53)
Boothwyn FM (67)
Bradford,Harri-Emery (51)
" McKean Co. (51)
Bristol, Kaiser (69)
Brockway (51)
Brookville H,A (51)
Buckstown (65)
Butler-Alameda (51)
" Pittsburgh-Butler(51)
Canadensis,Barrett(53)
Campbelltown
" - Reigel (67)
Carlisle FM,A (67)
" Centerville (67)
Cecil FMH,FM (65)
Chambersburg (67)
" Sunset Airways (67)
Charleroi, Star Val'y (65)
Chester, Benedict (69)
" Buckman (69)
Clarion,Parker Cramer
Clearfield (51) (51)
Coatesville (67)
Collegeville
" Perkiomen (69)
Conneaut Lake (51)
Connellsville (65)
Conway (51)
Corry,Port Lawrence
Cresson (65) (51)
Daleville (53)
Douglasville, Smilin Jack (67)
Doylestown (69)
Dubois (51)
Duncansville, Altoona
Easton (53) (65)
" Bethlehem-Easton (67)
Ebensburg, Keystone (65)
Elysburg, Shamokin(53)
Emmaus (67)
Erie R (51)
" Port Erie (51)
Fogelsville (67)
Galeton,Cherry Springs (53)
Gettysburg (67)
" Doersom (67)
Gordon (53)
Granville, Cargill (67)
Greater Pittsburgh T
Greensburg (65)
" Pittsb.-Greensb(65)
Greenville (51)
Grove City (51)
Hanover, Devener (67)
Harrisburg R (67)
" State T (67)
" Penn-Harris (67)
Harrison City (65)
Hazleton
" Reifenberg (53)
Hershey (67)
Homesburg FLM(69)
Hookstown FM (65)
Huntingdon (65)
Indiana,Hamilton (65)
Jersey Shore (53)
Johnstown (65)
Johnsville T (69)
Kearsage,Erie City(51)
Kutztown (67)
Kylertown (51)
Lake Carey FM (53)
Lancaster (67)
" mun. (67)
Langhorne,Old Star(69)
Lansdale (69)
" Turner (69)
Latrobe (65)
Leechburg (65)
Lehighton (53)
Lewistown (67)
Linesville
" Merry's Pymatuning Lock Haven (51)
" Cub Haven (53)
Marchand,Braebreeze
Mars,Perry (51) (51)
Martinsburg,Blair (65)
Matamoras (55)
Meadville
" Penn-Mead (51)
" Port Meadville (51)
Mercer (51)
Middletown FM (67)
" Olmsted T (67)
Millbrook R (51)
Milton (53)
Mohrsville,Estler (67)
Montgomeryville
" Gloster (69)
Morrisville (69)
" Skyhaven (71)
Mt. Jewett (51)
Mt. Pleasant (65)
Mt. Pocono (53)
Mt. Union (67)
Muncy,Skyview Acres
Mustin T (69) (53)
Myerstown, Lebanon Co. (67)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N B. New facility locations listed below black line.

New Alexandria A,FM
New Castle (51)
New Hanover (67)
" Layfield (67)
New Kingston,Taylor (67)
New Springfield FM(51)
Nicholson,Mt. View(53)
Norristown,Patco (69)
" Valley Forge (69)
Oil City, Splane (51)
Olmsted T (67)
Olyphant,Mid Val'y(53)
Osceola Mills (55)
Paoli,Phila.Main Line (67)
Philadelphia, Budd (69)
" Boulevard (69)
" Buehl (69)
" NAAS, Mustin T (69)
" NE Phila. R,T (69)
" SW " R, T (69)
" Somerton (69)
Philipsburg R,A (51)
Phoenixville (67)
Pine Grove,Swatara Valley (67)
Pitcairn,Pitt-Wilkins (65)
Pittsburgh R (65)
" Allegheny T (65)
" Bettis (65)
" Greater Pittsb.T(65)
" Mayer (65)
Pottstown (67)
Pottsville,Schuylkill (67)
" Stow-Pottsdown(67)
Punxsutawney (51)
Quakertown,Grants (69)
" Arpt. (69)
Reading (67)
" Berks (67)
" Madeira (67)
Reedsville,Mifflin Co. (53)
Ridgeway, Green (51)
St. Mary's (51)
Salix (65)
Sayre, Valley (53)
Scranton (53)
Selinsgrove (53)
Seven Valleys FM (67)
Sheffington FM (53)
Somerset (65)
State College,Air Depot (53)
Stroudsburg (53)
" East Stroudsburg
Summerhill FM (65)
Sunbury A,R,H (53)
Tamaqua (53)
Tarentum,Allegheny Valley (65)
Titusville (51)
Towanda (53)
Tunkhannock,Skyhaven
Tyrone Speedway (65)
Utahville (53)
Vandergrift (65)
Wallaceton,Albert(51)
Warren (51)
Waynesburg,Greene
Waynesboro(67)
Wellsboro,Grand Canyon (53)

West Chester (67)
Wilkes-Barre
" -Scranton A,R (53)
" -Wyoming Valley(53)
Williamsport A,R (53)
Willow Grove R,T (69)
Womelsdorf (67)
York (67)
" Valley (67)
Youngsville,Broken-straw (51)

RHODE ISLAND

Charlestown T (57)
Greene,Riconn(57)
Newport (57)
Providence R (57)
" Green T (57)
" Mineral Spgs.(57)
Quonset Point R,T(57)
Smithfield (57)
Westerly (57)
Woonsocket (57)

SOUTH CAROLINA

Aiken AAF (119)
" Mun. (119)
Allendale,Manning(119)
Anderson A,H (93)
Bamberg,Carlisle(119)
Barnwell(119)
Batesburg,Bradley(119)
Beaufort (119)
Bennettsville,Palmer
" Rowe (95)
Calhoun Falls,Bentley (93)
Camden,Woodward(95)
Charleston R,T (119)
" Carolina Skyways(119)
" Clark (119)
" John's Isl. (119)
" Trulick (119)
Cheraw,Bellinger(95)
Chesnee (93)
Chester,Mun.(95)
Clemson,King(93)
Columbia R,A (119)
" Congaree (119)
" Lexington Co. T (119)
" Owens (119)
Congaree (119)
Coronaca (119)
Darlington,Hartsville
Elloree(119) (95,119)
Estill (119)
Florence A,R (95,119)
Georgetown (119)
" County (119)
Greenville A,R (93)
" AAB T (93)
" Paris Mtn. (93)
Greenwood (93)
" Coronaca (93)
Hartsville (95)
Honea Path,Ashley(93)
John's Island (119)
Kershaw (95)
Lancaster,Coulbourn(95)
Lane (119)
Laurens,Barksdale(93)
Little Rock (95)
Manning (119)
Myrtle Beach R,T (119)
Newberry (119)
North (119)

North Augusta (119)
Orangeburg,Hawthorne
" Jennings(119) (119)
Parris Island (119)
Ridgeland (119)
Rock Hill,Roddy (95)
St.Matthews,Donald(119)
Shaw T (119)
Spartanburg R (93)
" Fairforest (93)
" Memorial T (93)
Summerville FM(119)
Sumter (119)
" Shaw T (119)
Timmonsville,Huggins
Trenton(119) (95,119)
Walterboro(119)
Wampee,Ocean Drive (119)

SOUTH DAKOTA

Aberdeen A,R (11)
Belle Fourche (10)
Britton,Mun.(11)
Brookings (11)
Carthage (11)
Chamberlain (28)
Custer,Bourassa(27)
Dell Rapids (28)
Edgemont (27)
Elk Point (28)
Eureka (11)
" Mun. (11)
Faulkton,Biedenfelt(11)
Flandreau (11)
Gregory (28)
Hot Springs (27)
Huron R (11)
" W.W.Howes(11)
Madison (11)
Martin Bennett Co.(27)
Milbank (11)
Miller (11)
Mitchel (28)
" Anderson (28)
Mobridge (10)
Newell (10)
Philip H,A (10)
Pierre A, R (10)
Platte (28)
Presho Mun. (27)
Rapid City R (10)
" Halley (10)
" AAB T (10)
" Geronime (10)
" Rushmore (10)
Redfield (11)
Reliance,Rancher's and Farmer's (28)
" Fletcher (28)
Sioux Falls A, R (28)
Sisseton Mun. (11)
Spearfish,Black Hills(10)
Stevens,Rickenbacker
Vermilion (28) (28)
Wagner (28)
Watertown A, R (11)
" Hofer-Kannegieter (11)
Winner (28)
Yankton (28)

TENNESSEE

Abion,Morris (89)
Ashland (91)
Chattanooga R,T (91)
Clarksville,Outlaw (91)

Clifton (91)
Cookeville (91)
Cowan,Univ.of South(91)
Crossville (91)
Cuba FM (89)
Dandridge,Lakeside(93)
Dyersburg (89)
" Mun. (89)
Fairview FM (91)
Fayetteville, Dicks (91)
" Wilks (91)
Fisherville FM (89)
Gallatin (91)
Graham (91)
Greenbrier FM (91)
Henning,Keith (89)
Hohenwald, Brown (91)
Humboldt (91)
Jacks Creek R,A (91)
Jackson (91)
" McKellar (91)
Johnson City (93)
Kingsport, Pierce (93)
Kingston FM (93)
Knoxville R (93)
" McGhee Tyson (93)
" Island (93)
Lebanon (91)
Lewisburg (91)
Lexington (91)
McMinnville,Boyd (91)
Madison Air Strip (91)
Manchester (91)
Martin,Gill-Dove (91)
Memphis R, T (89)
" Flying Svc (89)
" Martin (89)
" NAS T (89)
" Wilson (89)
" Wright (89)
Milan (91)
Morristown (93)
Mt. Juliet FM (91)
Mt. Pleasant,Maury (91)
Murfreesboro
" Sky Harbor (91)
" St.Teachers Col.(91)
Nashville R (91)
" Berry T (91)
" Cornelia Fort (91)
" Cumberland (91)
" Smyrna T (91)
Paris (91)
Piedmont FM (93)
Pulaski,Abernathy (91)
Shelbyville,Bomar (91)
Smithville R, A (91)
Smyrna T (91)
Tallassee FM (93)
Tri-City R, T (93)
Tullahoma,Wm.Northern (91)
Union City, Embry Riddle (89)
" Kennon (89)
" Uptown (89)
Walterhill FM (91)
Whiteville (89)
Wm. Northern (91)

TEXAS

Abernathy #1 (107)
Abilene R (107,121)
" AAF (107,121)
" Air Term.T (107,121)
Adrian (83)

Alamo,Kahler (123,111)
Albany,Taylor (107)
Alice A, R, (123)
Alor AAF (123)
" #10(123)
Alpine,Starns(107,121)
Amarillo A,R,LFM(83)
" English T (83)
" Tradewind (83)
Anahuac,Sky Harbor(127)
Anson (107,121)
Arcola FM (125)
Arlie (85)
Aragon #5 (121)
Arlington,Midway (111)
" OLF (111)
" Sky Ranch (111)
Asherton (123)
Atlanta (113)
Austin R (125)
" Bergstrom T (125)
" Haile (125)
" Robert Mueller (125)
Austwell (123)
Baird (107,121)
Ballinger,Bruce(107,121)
Bandera (125)
Bay City (127)
Beaumont A, R (127)
" Jefferson Co. (127)
" Lamar (127)
Beeville,Chase (123)
" Travland (123)
Belton (125)
Bergstrom T (125)
Biggs T (105)
Big Lake Mun. (107,121)
Big SpringR,T (107,121)
" U&S Fly.Svc(107,121)
BonhamBrown (109)
" Jones (109)
Borger,Harnagel (83)
Bowie (109)
Brackettville (121)
" Ft. Clark (121)
Brady,Curtis(107,121,
" White (107,121,125) 125)
Breckenridge (107)
Brooks T (109)
Brownfield (107)
" Triangle (107)
Brownsville R (123)
" Mauldin (123)
" Rio Grande Valley T (123)
Brownwood (107)
Bryan AAF (125)
" Coulter (125)
Burkburnett (107)
Burnet (107,125)
Cabannis T (123)
Cameron (125)
Camp Hood (125)
Canadian,Hemphill(85)
Candelaria,Decker Ranch (105,121)
Canyon,W.Texas St.(83)
Carrizo Spgs.,Dimmit County (123)
Carthage Air Svc(109)
Castolon (121)
" Johnson Ranch (121)
Center (113)
Chase (123)
Childress R (85)

Childress AAF (85)
Cisco (107)
Clarendon R, A (85)
Clarksville (109)
Claude (88)
Clear Springs #5 (111)
Cleburne NW (109)
Cleveland R (113)
Coleman (107,121)
College Station
" Easterwood (125)
Colorado City (107,121)
Comanche (107)
Commerce (109)
Conroe,Montgomery County (127)
Corpus Christi R (123)
" NAS R, T (123)
" Cliff Maus T (123)
" OLF #10 (123)
" OLF #11 (123)
" OLF #25 (123)
" OLF #41 (123)
" Cabannis T (123)
" Cuddihy (123)
" Rodd T (123)
" Waldron (123)
Corsicana,Com. (109)
" mun. (109)
" "75" (109)
Crane,Crane Co. (107)
Crosbyton,Paulder (107)
Crystal City(121,123)
Cuero (125)
" Edgerton (125)
Cox AAF (109)
Cypress,Jackson (109)
Dalhart (83)
" mun. (83)
" #1 (83)
" #2 (83)
Dallas R (111)
" Clearview (111)
" Fliers (111)
" Hensley T (111)
" Highland Park (111)
" Hudson (111)
" Lou Foote (111)
" Love T (111,109)
" Mustang (111)
" Second Ave. (111)
" Skyline (111)
" White Rock (111)
Damon (127)
De Kalb (109)
Delaware Spgs.(105,111)
Del Rio (121)
" Laughlin (121)
" Val Verde Co. (121)
Denison,Gray (109)
Denton (109)
" Hartlee (109)
Denver City (107)
" Humble (107)
Dimmit,Bobcat (83)
Dolores,LaLajo (123)
Dryden,Airdrome(121)
" Int. (121)
Dublin,Loyd Hines (107)
Dumas (83)
Duncanville FMH (109, 111)
Eagle Mtn.Lake (111)
Eagle Pass (123)
" Mun. (123)
Eastland,Weaver (107)

Eden (107,121,125)
Edinburg,Com. (123)
Edna (125)
El Campo,Hefner (125)
Eldorado (107,121)
Electra (107)
Ellington T (127)
El Paso R (105)
" Biggs T (105)
" Mun. T (105)
Elsa (123)
Ennis (109)
Floydada (107)
Forney FM (111)
Fort Clark (121)
Ft. Hancock (105)
Ft.McKavett,C-B (107, 121)
Ft.Stockton,Dyche(107, 121)
" Gibbs (107,121)
" Win (107,121)
Fort Worth R,LFM(111)
" AAF T (111)
" Hicks (111)
" Meacham T (109,111)
" Midwest (111)
" Russell (111)
" T.C.U. (111)
Freeport,Lake Jackson
Freer (123) (127)
Friona,Benger (83)
Gainesville AAF (109)
" Com. (109)
" Whaley Arpk (109)
Galveston A, R (127)
Garland,Luscombe(111)
Gaskin (109)
Gatesville,Scott (125)
Georgetown (125)
Gilmer,Holmes (109)
Gonzales,Faurie (111)
Goodfellow R (107,121)
Goose Creek,Humphrey
" Tri-Cities(127) (127)
Gorman (107)
Grand Prairie(111,127)
Grauwyler Park FMH
Gregory FM (123) (111)
Greenville,Caddo Mills
" Majors (109) (111)
" Rutherford (109)
" S. Sulphur (109)
Groesbeck (125)
Gruver (83)
" Harris (83)
Guadalupe Pass V,FM (105,121)
Guthrie R (107)
Hamilton (109)
Hammond (125)
Handley (111)
Harlingen (123)
" Com. (123)
" Mun. (123)
Harpersville FM,A(107)
Hart, Roper (83)
Haslet FMH, FM(111,109)
Hearne (125)
Henderson (109)
" Rusk Co. (109)
Hensley T (111)
Hereford,Clover (83)
Hillsboro,Byrn's (109)
Hitchcock T (127)

Hondo AAF (125)
Houston R, FM, T (127)
" Ellington T (127)
" Erwin-Newman (127)
" Main Street (127)
" Minor Stewart (127)
" Preston (127)
" Sam Houston (127)
" Skyport (127)
" Sportsman (127)
Hudspeth (105)
Hueco Mtn. FM (105)
Huntsville,Houston(127)
Iahoka (107)
Idalou (107)
Iraan (107,121)
Jacksonville (109)
Joaquin R (113)
Joshua FM (109)
Karnack FM (113)
Kaufman,Wallace#2(111)
Kelly T (125)
Kenedy (123)
Kent (105,121)
Kermit (107,121)
Kerrick (83)
Kerrville,Schreiner(125)
Kilgore,Elder (109)
Killeen (125)
" Camp Hood (125)
" (new) (125)
Kingsville (N) (123)
" (S) (123)
" Int. (123)
" Weisman (123)
Kirbyville,Richter(127)
Knox City (107)
Lamesa (107,121)
" Com. (107,121)
" Hogg (107,121)
Lampasas Co.(107,125)
Laredo A, R (123)
" Chapadera Rnch(123)
" Wormser (123)
Laughlin (121)
Leaday,Miller(107,121)
Levelland (107)
Liberty,Darrell (127)
Littlefield,Duggan(107)
Llano Co. (107,125)
Longfellow,Cox (121)
" Yoas Ranch (121)
Longview,E.Side (109)
" Gregg Co. (109)
Loraine,Lion's Club (107,121)
Los Fresnos FM,A(123)
Louise (125)
Lubbock A, R (107)
" Com. (107)
" So.Plains AAF (107)
Lufkin (127)
" Angelina Co. (127)
Luling (111)
McAllen (123)
McCamey (107,121)
McKinney (109)
Madisonville Emerg (127)
Magnolia Beach
" Indianola (123)
Marathon,Blair (121)
" McCombs (121)
Marfa AAF (107,121)
" (new) (105,121)

Marfa (old)(105,121)
" Allison Ranch (121)
" Aragon (121)
" Ryan #3 (105,121)
" South #1 (121)
Marlin, Stephens (125)
Marshall (109)
Mason Co. (107,125)
Martindale #4 (111)
Matagorda Isl.Bombing & Gun. Range (123)
Matagorda Peninsula (123)
Mathis,Lake Mathis(123)
Mercedes FM (123)
" Central Valley (123)
Mexia (109)
Midland R,A (107,121)
" Com. (107,121)
" #2 T (107,121)
" Skyhaven (107,121)
Mineola,Wisener (109)
Mineral Wells(new)(111)
Mission,Magic Val'y
" Moore (123) (123)
" Moore #1 (123)
" Moore #3 (123)
" Shary (123)
Monahans,mun.(107,121)
Moore (123)
" Moore #3 (123)
Morton,CochranCo. (83)
Mt. Pleasant (109)
Muleshoe (83)
Muenster (109)
Nacogdoches (109)
Navasota R,A (127)
Newark,Eagle Mtn. Lake (111)
New Braunfels,Clear Spring #5 (111)
" Kuehler (111)
Odessa,Ector Co.(107, Old Ocean (127) (121)
Olney (107)
Orange (127)
" Brown (127)
Orla,Tex-Line (105,121)
Ozona (107,121)
" Kinser Rnch(107,121)
Paducah (107)
Palacios A, R (123)
Palestine (109)
Pampa (85)
" Int. (85)
" AAF (85)
Pandale (121)
Panhandle (83)
Paris,Cox AAF (109)
" Legion (109)
Parker Int.(109,111)
Pawnee (123)
Pecos (105,121)
" Anderson (107,121)
Perrin (109)
Perryton (85)
Plainview,Hale Co.(83)
Port Arthur,Parker(127)
Port Isabel (123)
Portland,Hunt (123)
Port Lavaca,Tanner(123)
Post (107)
Poteet (125)
Prairie Hill,Waco #5(109)
Presidio (121)
" Air Strip (121)

Preston (121)
Pyote AAF T (107,121)
Quannah,Comm.(85)
Quitman,McCloud(109)
RandolphR,T (125,111)
Ranger (107)
Rankin (107,121)
Raymondsville,Fox(123)
" Int. (123)
Red Bluff,Hines(105,121
Refugio,Rooke (123)
Richmond R (127)
Rita Santa (107,121)
Roaring Spgs,Buzz(107)
Rockport (123)
Rock Spgs,Sherrill(121)
Rodd T (123)
Rosenburg,Lane (127)
Rotan (107)
Ryan #3 (121)
Saginaw (111)
Salt Flat R,A (105)
San Angelo T (107,121)
" Goodfellow R (107, 121)
" No.Concho (107,121)
" Sky Harbor (107,121)
San Antonio,Alamo R,T (121,125)
" Bexar Co. (111)
" Brooks T (111)
" Davis (111)
" Hurt (111)
" Kelly R, T(111,125)
" Lake (111)
" Leon Valley (111)
" Martindale #4 (111)
" Mission (111)
" Randolph R,T(111,125)
" Stinson T (111)
" Yates (111)
San Benito (123)
Sanderson Land Strp(121)
San Marcos R,T (125)
" Int. (125)
Sayers,Craigg (111)
Schulenburg (125)
Seguin (111)
" #2 (111)
" Schneider (111)
Seminole (107,121)
Seymour (107)
Shamrock (85)
Sherman (109)
" Gaskin (109)
" Perrin (109)
Sierra Blanca (105)
Simms (109)
Sinton (123)
" Community (123)
Smithville (125)
Soncy FM (83)
South Plains T (107)
Spearman (83)
Spring Branch FM (111, 125)
Spur (107)
Stamford (107)
" Arledge (107)
Stanton FM (121)
Stephenville (107,109)
Stinnett (83)
Stratford (83)
Sulphur Spgs FM,A,H (109)
Sunray,Carbon Plant (83)

(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

XI

Franklin Air Service, Tenn. (91)
MAY 13,1947

MAY 15,1947

Sweetwater,Avenger (107,121)
Taft-Worsham (123)
Taylor (125)
Teague,Gage (109)
Temple,Draughon-Miller (125)
" Woodson (125)
Terlingua (121)
Terrell, Mun. (111)
" Wallace (111)
Texan,Parker(107,121)
Texarkana (113)
Texas City (127)
" Gulf Coast (127)
Texhoma (83)
Tulia (83)
Turkey (85)
Twitty (85)
Tyler R (109)
" Pounds (109)
" Stewart (109)
Uvalde,Garner(121,125)
Van Horn (105,121)
" Culberson Co. (105, (121)
Valasco,Brasosport Vernon (85) (127)
" Int. (85)
" Victory (85,107)
Victoria (123)
" Aloe AAF (123)
" Aloe #10 (123)
" Foster (123)
" Foster #4 (125)
Waco A, R (109)
" Mun. (109)
" Blackland #1(109,125)
" Newland (109,125)
" Riesel (109,125)
Waldron (123)
Waxahachie A,FM (109)
" Ellis Co. (109)
Weatherford A,FM(111)
" Parker Sky Camp
Webster FM(127) (111)
Wellington (85)
Weslaco,Mid-Valley (123)
Westbrook (107,121)
" Spade Rancy(107,121)
Wharton (127)
Wichita Falls R (107)
" Gilchrist (107)
" Holman (107)
" Sheppard/Kell (107)
Wills Point (109)
Wink A,R (107,121)
Winters (107,121)
Wolfe City (109)
Yoakum A, H(111,125)
" Int. (111,125)
Zuehl #6 (111)

UTAH

Beaver (79)
Bountiful,Sky Haven(23)
Brigham (23)
Bryce Canyon (79)
Cedar City (79)
Corinne FM (23)
Delta A, H (23)
Duchesne (23)
Dugway (23)
Enterprise R,A (79)
Ephraim,Manti-Eph(23)
Fairfield A, R (23)
Fillmore (79)
Goulding Trading Post
" Monument Val'y(81)
Grantsville (23)
Hanksville R, A (81)
Huntsville FM (23)
Hill T (23)
Knolls (23)
Layton FM (23)
Logan,Hillcrest (23)
" Logan-Cache Co.(23)
Low Figt Strip (23)
Lucin R, A (23)
Midvale (23)
Milford R, A (79)
Mt. Pleasant (23)
Myton (23)
Nephi (23)
Ogden R, A (23)
" Hill T (23)
" Hinckley T (23)
Price,Carbon Co. (23)
Promontory Pt. (23)
Provo (23)
Richfield (79)
Riverton R (23)
Roosevelt (26)
St. George A, R (79)
" Int. (79)
Salt Lake City R (23)
" #1 T (23)
Salt Lake #2 (23)
" Utah Central (23)
Sandy,Alta (23)
Spanish Fork (23)
Timpie FM (23)
Tooele (23)
" Dugway (23)
Tremonton (23)
Vernal (new) (26)
" (old) (26)
Wendover R,T (23)

VERMONT

Bennington (55)
Berlin,Barre-Montpelier (18)
Bristol (18)
Burlington R, T (18)
Fair Haven (55)
Grand Isle FM (18)
Huntington FM (18)
Manchester,Equinox (55)
Montpelier R (18)
Newport (18)
Rutland,MacArthur(55)
St.Johnsbury,Brown(18)
Springfield,Hartness
Swanton,Austin(18)(55)
Vergeness FM (18)
White River Junction
" Twin State (55)

VIRGINIA

Alberta (97)
Alexandria FM (69)
" Beacon (69)
" Crossroads (69)
" Hybla Valley (69)
Altavista (95)
Annandale,Springfield
Arcola R (67) (69)
Bedford (95)
Big Stone Gap, Powell 93)
Blacksburg,V.P.I.(95)
Blackstone A,R (97)
Bristol (93)
Cape Charles
" Dixie Holland (97)
Charlottesville, Univ. of Virginia (65)
Chester FM (67)
" Midway (67)
Chilhowie FM,A (93)
Chincoteague T,R (67)
Clarksville-Fincley
Clover (95) (97)
Covington-Clifton (95)
" Clifton Forge (65)
Creeds (97)
Dahlgren NAF T (67)
Danville A, H (95)
Dawn FM (67)
Deep Creek FM (97)
Drivers,Monogram(141)
Eclipse (97)
Emporia (97)
Falls Church (69)
Farmville (97)
Fentress (141)
Franklin (141)
Fredericksburg
" Shannon (67)
Front Royal R (65)
" Stokes (65)
Galax (95)
Gordonsville A,R (65)
" Int. (65)
Greys Pt.,Hummell (67)
Hampton,Peninsula(141)
Harcom (67)
Harrisonburg,Hartman
Herndon FM(67) (65)
" Blue Ridge (67)
Hopewell (97)
Hot Spgs., Ingalls (65)
Langley R, T (141)
Lawrenceville (97)
Leesburg (67)
Lexington (65)
Lively (67)
Lynchburg R (65,95)
" Preston Glenn T (65, (95)
" Timberlake (65)
Manassas (67)
Martinsville (95)
" Lester (95)
Melfa Figt Strip (67)
Milford (67)
Monogram (141)
Montvale,Buford's (65)
Mt. Vernon FMH, FM(69)
Narrows (65)
Norfolk R, T (141)
" Glenrock (141)
" NAS, Chambers (141)
" NAS,East R,T (141)
" S. Norfolk (141)
Oceana T (141)
Ononcock,Johnson (67)
Orange Co.(Orange)(67)
Parksley (67)
Petersburg (97)
" Colonial Hgts. (97)
Portsmouth,Cumberland
Pulaski R,A (95) (141)
Pungo (141)
Quantico R,T (69)
Radford (95)
Richlands (93)
Richmond R (67)
" Byrd T (67)
" Central (67)
" Hermitage (67)
" Northfield (67)
Roanoke R (95)
" Woodrum T (95)
Shenandoah (65)
Staunton (65)
Suffolk (65)
Tappahannock (67)
Virginia Beach (141)
Warrenton,Zieger (67)
Waverly (141)
Waynesboro,Augusta
" Valley (65) (65)
Weems,Currell's (67)
Weirwood,Kellam (67)
West Point (67)
Williamsburg,Scott(97)
" Wm & Mary (97)
Winchester (65)
Windsor,Garner (141)

WASHINGTON

Aberdeen,Moon Isl (2)
Almira, "JZ" (3)
Arlington (2)
Auburn (143)
Bellevue, Lake (143)
" Mercer (143)
Bellingham (2)
Blaine (2)
Bothell,Kenmore (2)
Bremerton,Kitsap Co. (143)
Burlington,Skagit Valley Air Svc (143)
Camano Island FM (2)
Camas,Groves (143)
Chehalis,Co.-City (2)
Chelan (3)
Cheney,Savage (3)
Clarkston,Asotin Co (3)
Cle Elum (2)
College Place (3)
" Martin (3)
Colville (3)
Connell (3)
Coulee City (3)
Coupeville (2)
Davenport (3)
Deer Park (3)
Dungeness FM (2)
Easton FM, A (2)
East Sound,Orcas Is.(2)
Ellensburg R (2)
" Bowers (2)
Enumclaw (143)
Ephrata A, R (3)
Everett A,R (2)
" Paine (2)
Forks (2)
Geiger (3)
Goldendale (2)
Harrington FM, A (3)
Huntsville,Tochet Valley (3)
Hobart FM (2)
Ilwaco (2)
Issaquah,Seattle Sky Ranch (143)
Kelso (2)
Kennewick,Twin City(3)
" Vista (3)
Kent (143)
Kittitas,Cameron (2)
La Center FM (2)
La Crosse (3)
Lakeview FM (2)
Lind (3)
McChord R, T (143)
Mead, Wallace (3)
Metaline Falls, Sullivan Lakes (3)
Moses Lake (3)
Mt. Vernon,Barker & Dean (2)
" OLF T (2)
Neah Bay R (2)
Newport (3)
North Bend,Snoqualmie Pass (2)
Okanogan-Legion (3)
Olympia (2)
Omak,Okanogan (3)
Opportunity,Lemen (3)
Orchards,R.C.Sugg
Oroville,Scott (3) (143)
Pasco (3)
Pateros,Anderson (3)
Port Angeles CGAS T
" Clallam Co. (2) (2)
Port Orchard, South Port Orchard (2)
Port Townsend,Co-City
Prosser (3) (2)
Pullman-Moscow Reg.
Puyallup (143) (3)
" Northern Tacoma(
Quillayute (2) (143)
Renton,Boeing-Renton (143)
Republic,Fairweather (3)
Richland Air Base (3)
Ritzville (3)
Rosalia (3)
Seattle R (143)
" NAS H,T (143)
" Boeing T (143)
" Seattle-Tacoma(143)
Shelton (2)
Silverdale, Apex (143)
Snohomish (2)
Spanaway,Forest Grove
" Acft.Co.(143) (143)
Spokane R (3)
" AAF T (3)
" Calkins Air Term
" Felts T (3) (3)
" Geiger (3)
Sprague (3)
Stevenson FM (2)
Sunnyside (2)
Tacoma (143)
" Arpk (143)
" Barrys Sky Harbor (143)
" City View Arpk(143)
Tacoma, Lakewood (143)
" McChord R,T (143)
Toledo-Winlock (2)
Tonasket (3)
Toppenish (2)
Twisp (2)
Vancouver (143)
" Mun. (143)
Vista (3)
Walla Walla R (3)
" AAF T (3)
Washougal FM (2)
Washtucna (3)
Wenatchee, Fancher(2)
" Pangborn (2)
Westport (2)
Whidbey Island R,H,T
Wilbur (3) (2)
Winthrop,Intercity (2)
" Pasayten (2)
Woodland FM (2)
Yakima R (2)
" County T (2)
[redacted]
Beckley, Scott (63)
Buckhannon,Lewis (65)
Bunker Hill, Ridgeway (65)
Burlington, Baker (65)
Charleston R (63)
" Bollinger (63)
Clarksburg, Benedum
Elk Garden (65) (65)
Elkins A, R (65)
Glendale (65)
Greenbrier (65)
Hinton (65)
Hollidays Cove
" Weirton (65)
Huntington R (63)
Logan (63)
Marlinton (65)
Martinsburg A,R (65,67)
" North End (67)
Moorefield (65)
Morgantown A,R (65)
New Cumberland, Herron (65)
Parkersburg,Stewart
" Wood Co.(63) (63)
Paynesville H (63,91)
Pence Spgs, Hinton Alderson (65)
Petersburg (65)
Princeton (63)
Ravenswood (63)
Romney (65)
Ronceverte (65)
Spencer,Roane Co.(63)
Sutton (65)
Terra Alta,Forman (65)
Weston, Bennett (65)
Wheeling-Ohio Co.R
White Sulphur (65)
" Greenbrier AAF (65)
Williamson,Morris(63)
Winfield,Clark (63)

WISCONSIN

Amery (14)
Antigo (15)
Appleton, Outagamie
Arbor-Vitae(15) (15)
Ashland (14)
Baraboo,Bell-Aero (31)
Barron (14)
Beaver Dam (31))
Black River Falls
" Jackson Co. (14)
Bloomer, Pines (14)
Boulder Jct., Jefferson
Boyceville (14) (15)
Brodhead,Bill's (31)
Camp Douglas - Camp Williams(29)
Camp McCoy (29)
Cedarburg, Grob (31)
Chetek (14)
Chippewa Falls (31)
Clintonville (15)
Colby-Abbotsford(14)
Cumberland Mun. (14)
Dallas (14)
Darlington,Red Rock (29)
DePere, Nicolet (15)
Durand, Schlosser (14)
Eagle River (15)
Eau Claire (14)
" (Mun.) (14)
Elkhorn (31))
Fifield, Boyd's Masop Lake (14)
Fond du Lac (31,15)
Genessee FM (31)
Grantsburg (14)
Green Bay, Brown Co. (15)
" East Side (15)
Green Lake (15,31)
Hales Corner, Wisconsin Skyways (31)
Hayward (14)
Hudson Fly.Svc. (14)
Janesville City (31)
" Rock Co. (31)
Jefferson (41)
Kenosha A,FM (31)
Kohler (15,31)
La Crosse A,R (29)
" Int (29)
Ladysmith,Rusk Co(14)
Lake Delton, Wisconsin Dells Lake Delton(31)
Land O'Lakes, King's Gateway (15)
Lone Rock R,A (29)
Madison R (31)
" Morey (31)
" Four Lakes (31)
" Truax (31)
Medford,Taylor Co(14)
Manitowoc (15)
Manitowish
" - Waters Arpt (15)
Marshfield (14)
Merrill (15)
Milwaukee R (31)
" Brown Deer (31)
" Curtiss-Wright (31)
" Mitchell T (31)
" Skyhaven (31)
" Maitland (31)
Minong, Hultquist's Sky Ranch (14)
Monroe, Badger (31)
Neenah, Val'y Arwys
Neillsville(14) (15)
O'Conta Mun. (15,31)
Oconto Falls (15)
Omro, Ginnow (15)
Oshkosh
" Winnebago Co.(15,31)
Phillips (14)
" Price Lake (14)
Plymouth, Sky Village (15,31)
" Chaplin (15,31)
Portage,Mael (31)
Pulaski,Kubiak's(15)
Racine,Horlick-Racine (31))
Rhinelander (15)
Rice Lake (14)
" Arrowhead (14)
Richland Center (29)
Shullsburg (29)
Shawano (15)
Sparta, Sparta-Angelo (29)
Spooner (14)
Stevens Point (15)
Sturgeon Bay
" Cherryland (15)
Sturtevant,Air City (31)
Superior, Richard Bong
Three Lakes (15) (14)
Tomah (29)
Tomahawk (15)
Washington Island (15)
Watertown (31))
Waukesha Co. (31)
Waupaca (15)
Waupun (31)
Wausau,Alexander (15)
" Wisconsin Val'y(15)
West Bend Fly.Svc(31)
Whitewater (31)
Winter, Rainbow (14)
Wisconsin Rapids - Nepco Tri-City (15)

WYOMING

Afton (23)
Archer LFM (27)
Basin (7)
Big Piney (23)
Buffalo (7)
Casper R (26)
" AAF T (26)
" Casper Central (26)
" Wardwell (26)
Cheyenne, R,T (35)
Cody (7)
Cokesville (23)
Cowley, Cowley - Lowell-Bryon (7)
Douglas A, H (26)
Dull Center,Hoadley
Egbert FM(27) (27)
Evanston (23)
" (new) (23)
Fort Bridger R,A (23)
Gillette Arpk (7)
" Mun. (7)
Greybull (7)
Jackson (23)
Kemmerer (23)
Lander (26)
Laramie R (35)
" General Brees (35)
Lingle (27)
Lusk (27)
Meadows FM (27)
Medicine Bow (35)
Midwest FM (26)
New Castle, Mondell (27)
Parkerton FM(26)
Pine Bluffs (35)
Pinedale (26)
Point of Rocks FM(26)
Powell (7)
Rawlins (35)
Riverton (26)
Rock Springs (new)
" (old) (26) (26)
Saratoga (35)
Sheridan R, LFM (7)
" Sheridan Co. (7)
Silver Crown FM(26)
Sinclair R, A (35)
Sussex (26)
Thermopolis (26)
Torrington (27)
Ucross FM (7)
Wamsutter (35)
Wheatland (27)
" East Side (27)
Worland (26)

(35)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

GCA AVAILABLE: How and Where

GROUND CONTROLLED APPROACH (GCA) AVAILABLE TO CIVIL PILOTS AS WELL AS ARMY AND NAVY: All GCA facilities (Army, Navy, or CAA) are available to any plane in emergency. To secure GCA assistance pilots should call the associated control tower for instructions.

In addition to the working frequencies listed below, Army and Navy GCA emergency VHF transmissions are made on 140.58 mcs. Simplex service on 3117.5 kcs. will be provided at all Army and Navy installations to provide an alternate means of communications for scheduled air carrier aircraft. Army and Navy towers will relay GCA instructions on 200-400 kcs band to civil aircraft not equipped to receive VHF or HF.

A minimum of 30 minutes will generally be required to assemble a GCA crew and prepare the equipment for operation AFTER an alert has been received at those locations not providing continuous service.

NAVY GROUND CONTROLLED APPROACH (GCA): Universal frequencies allocated primarily for Navy GCA operational use are as follows:

HF COMMUNICATIONS	VHF COMMUNICATIONS
3475,4890,6640 kcs.	134.64,142.02,143.64 mcs.

As a safety precaution Navy GCA units will also be prepared at all times to control both AAF and Navy aircraft on 140.58 mcs., emergency frequency.

In addition to the standard frequencies listed in above paragraph the Navy GCA is prepared to transmit on HF from 2000 to 18100 kcs and receive on 1500 to 9050 kcs to aid any plane in emergency.

Navy GCA is available to aid any plane in emergency. It is the responsibility of the pilot desiring GCA assistance to establish communication with the appropriate control tower for preliminary approach instruction. The pilot will then be instructed as to the proper frequency for contacting the GCA unit. If the pilot is unable to transmit or receive on the standard GCA high (HF) frequencies, arrangements can be made through the control tower for the GCA unit to shift to a high frequency (HF) the plane can use, within the HF bands listed above.

Call signs for all Navy GCA units are the name of the field plus "GCA". Sample: "Norfolk GCA".

Navy GCA Operational Units are listed as follows:

PLACE	WEATHER MINIMUMS		OPERATING HOURS
	CEILING	VEIBILITY	
Atlantic City NAS, N.J.	200'	1/4 mi.	30-minute notice
Cherry Point MCAS, N.C.	300'	1/2 mi.	30-minute notice
Corpus Christi NAS, Texas	100'	1/2 mi.	30-minute notice
El Toro MCAS, Calif.	- -	- - -	30-minute notice
Jacksonville NAS(Lee Fld),Fla.	200'	1/2 mi.	15-minute notice
Miramar MCAS, Calif.	200'	3/4 mi.	30-minute notice
Moffett Fld NAS, Calif.	100'	1/2 mi.	Continuous
New York NAS(Floyd Bennett)N.Y.	100'	1/4 mi.	30-minute notice
Norfolk NAS, Va.	200'	1/2 mi.	30-minute notice
Oakland NAS, Calif.	100'	1/4 mi.	30-minute notice
Olathe NAS, Kans.	100'	1/4 mi.	30-minute notice
Patuxent River NAS, Md.	100'	1/4 mi.	Continuous
Quonset Point NAS, R.I.	100'	1/4 mi.	30-minute notice
Saufley Fld NAAS, Fla.	100'	1/2 mi.	30-minute notice
Seattle NAS, Wash.	100'	1/2 mi.	30-minute notice
Squantum NAS, Mass.	200'	1/2 mi.	30-minute notice
Whidbey Island NAS, Wash.	100'	1/4 mi.	30-minute notice

ARMY GROUND CONTROLLED APPROACH (GCA): (a) CONTACT: Pilots requiring GCA assistance should call the associated control tower requesting instructions for working GCA. Example: "Andrews Tower, this is Army 5555, request GCA". (b) TOWER INSTRUCTIONS: Control towers will ascertain frequencies available to both pilot and GCA, advise the pilot and establish contact with the GCA unit. Example: "Army 5555, this is Andrews Tower, do you have channel G, over". "Andrews Tower, this is Army 5555, channel G available, over". "Army 5555, this is Andrews Tower, establish contact with GCA on channel G, out". "Andrews GCA, this is Army 5555, over". "Army 5555, this is Andrews GCA, your position is now etc . . .". (c) EMERGENCY: When receiver and transmitter difficulties exist, the tower may relay Ground Controlled Approach instructions to the pilot. However, from a safety standpoint the procedure should be used as an emergency contingent only. (d) ALERTING GCA: After being inoperative, GCA units require approximately 20 to 30 minutes for warming up. Pilots should anticipate requirement for GCA in flight planning and request alerting of GCA units as far in advance as possible.

ARMY GCA FACILITIES

STATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	
Fairfield Suisun AAF, Calif.	126.18,128.18,131.40, 137.88,134.10,137.70, 140.58 mcs.,3117.5 kcs.*	350,3117.5 kcs or any freq. between 1500-18,000 kcs on req.	Cont.during IFR;0900-2100 Mon.-Fri.;30 min. call at all other times
Barksdale Fld, La.	126.18,137.88,140.58, 137.70,134.1,116.1 mcs. *	126.18,137.88,140.58, 137.7,134.1,116.1 mc. 4495, 6210 kcs.	0800-1700 Mon-Fri.; immediately on call during IFR;40 min.call at all other times
Westover Fld, Mass.	137.88,140.58,134.1, 137.7 mcs.	137.88,140.58,134.1, 137.7 mcs.3117.5 kcs.	On training status only and should not be used for actual instrument low approach
Andrews Fld, Md.	116.1,126.18,134.1, 137.7,137.88,140.58 mcs.3117.5 kcs. *	116.1,126.18,134.1, 137.7,137.88,140.58 mcs.;4495,3105,6210, 3117.5 kcs.	Cont.during IFR 0800-1700 daily and on 30 min. req. 1700-0800 CFR.
Clinton Co. AAF, Ohio	116.1,137.7,126.18, 137.88,140.58,134.1 mcs.; 3117.5 kcs. *	116.1,137.7,126.18, 137.88,140.58,134.1 mcs.; 1500-18000 kc.	Cont.during IFR;0800-2200 daily or on 30 min.req.all other times.
Langley Fld, Va.	116.1,126.18,137.88, 140.58,134.1,137.7 mcs. 3117.5 kcs. *	116.1,126.18,137.88, 140.58,134.1,137.7 mcs.;3105,4495,6210, 3117.5 kcs.	Cont during IFR: 0800-1630 0800-1630 CFR; 1630-0800 on 40 minutes call.
Mitchel Fld, N.Y.	116.1,126.18,137.88, 140.58,134.1,137.7 mcs. 3117.5 kcs. *	116.1,126.18,137.88, 140.58,134.1,137.7 mcs.;3105,4495,4765 3117.5 kcs.	Cont.during IFR,GCA, 500' practices 0900-1130 and 1300-1630 during CFR,or on req.during CFR within 40 minutes.

* 3475, 4890, 6640 kcs.

N.B. Weather Minimums: For clearance purposes minimums established in TO-08-15-3 or AAF Regulations 60-16 apply.

C.A.A. GROUND CONTROLLED APPROACH (GCA): The C.A.A. has control tower-operated GCA units at Washington National Airport, Chicago Airport. The Indianapolis GCA unit is not remoted to the tower. The La Guardia Field unit will be commissioned in the immediate future. The C.A.A. installations, however, are operating on a service test or experimental basis only, and for operator training, and can be used only for practice approaches and landings until further notice. No emergency landing service is available until these units are officially commissioned.

STATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	
Chicago Airport, Ill.	350 kc,109.5,126.18 mc.	3105,4495,6210,3117.5 kc 126.18,118.1,118.7,122.5 mc	Cont.
Indianapolis Arpt.,Ind.	212 kcs.;126.18 mc		8 a.m.-4 p.m. Mon.-thru Fri.
LaGuardia Fld, N.Y.	(Not yet comm.)		
Washington National Airport, D. C.			Cont.

N.B. Pilots desirous of making practice GCA approaches should make their own arrangements with the tower concerned.

AIR NAVIGATION RADIO AIDS

LEGEND

(3) - Station guards 3105, 4495, 6210 kcs
(4) - Station guards 3105, 4495, 6210, 3117.5 kcs.
(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis
→ - New or revised data*

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C.....Control Tower, CAA
CA.....Control Tower, Army
CL.....Control Tower (City,County,Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMHW.....Non-directional radio beacon when combined with fan marker.
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System (voice on localizer channel)
IM.....VHF boundary marker
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts.
MM.....VHF middle marker
MMH.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators), power more than 50 less than 150 watts
MRL.....Range (loop radiators), power more than 50 less than 150 watts
OM.....VHF outer marker
OMH.....Compass locator when installed at outer marker site or within
P.....Point to point radio } 5.5 miles of middle marker
RA.....Range (adcock, vertical radiators), power 150 watts or more
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TX.....Principal teletype
V.....Additional voice feature on VHF
VAR.....Visual-aural VHF range (every VAR has simultaneous voice feature)
W.....Without voice facilities
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •–	E-EASY •	I-ITEM ••	M-MIKE ––	Q-QUEEN ––•–	U-UNCLE ••–	Y-YOKE –•––
B-BAKER –•••	F-FOX ••–•	J-JIG •–––	N-NAN –•	R-ROGER •–•	V-VICTOR •••–	Z-ZEBRA ––••
C-CHARLIE –•–•	G-GEORGE ––•	K-KING –•–	O-OBOE –––	S-SUGAR •••	W-WILLIAM •––	
D-DOG –••	H-HOW ••••	L-LOVE •–••	P-PETER •––•	T-TARE –	X-XRAY –••–	

1 •————	3 •••––	5 •••••	7 ––•••	9 ————•
2 ••–––	4 ••••–	6 –••••	8 –––••	0 —————

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered non-directional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles. These are now shown as "MH" facilities.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency, and generally, VHF of 116.1 and/or 111.1 mcs. 116.1 mcs. is used for transmission to Army aircraft, 111.1 mcs. to civil aircraft.

The classification designation "B" denotes that the station broadcasts meteorological and notice to airmen information on a scheduled basis at 15 & 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, see *FLIGHT INFORMATION MANUAL*

AIRPORT DATA
LEGEND

(When city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A)	Airport name	(A)	-	Owned or leased totally by Army
(N)	"	(N)	-	" Navy
(CG)	"	(CG)	-	" Coast Guard
(NG)	"	(NG)	-	" National Guard
(A)	"		-	Open to civilians but owned or leased wholly or in part by Army, Air Reserve, Army svcg. detachment, or contract gas usually avail.
(N)	"		-	Open to civilians but owned or leased wholly or in part by Navy.
(CG)	"		-	" Coast Guard.
(NG)	"		-	" WD or State Govt. for Air Nat'l Guard. Ltd svcg. and main. for transient military acft.
(P)	"		-	Civil airport opened to military acft. (See Note 3)
☆	"		-	CAA Intermediate Field

CLASS — SIZE

40: Length of longest landing strip (unpaved) in hundreds of feet
40h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl").

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R0: Voice availability via tower, range (or homing device), or voice station
R2: Range (or homing device) and tower
R3: Range (or homing device), tower, and instrument landing system

LIGHTS

L: Incomplete lighting, either flood or portable runway lights
L1: Beacon only
L2: Beacon and boundary
L3: Beacon, boundary, and obstruction
L4: Beacon, boundary, obstruction, and flood
L5: Beacon, boundary, obstruction, flood, and runway contact
(L5): Identical to L5 except that runway contact lights are high intensity
L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach
(L6): Identical to L6 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

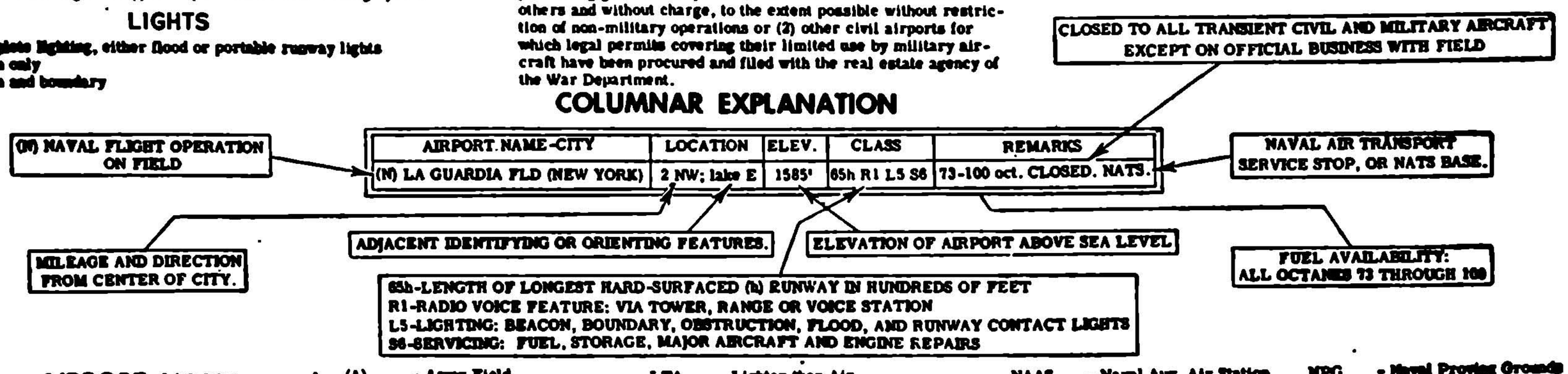
S1: Fuel
S2: Fuel, storage
S3: Fuel, storage, minor aircraft repairs
S4: Fuel, storage, minor aircraft, and minor engine repairs
S5: Fuel, storage, major aircraft, and major engine repairs
S6: Fuel, storage, major aircraft, and major engine repairs

N.B. Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently, servicing at such fields in isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1". "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there. Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. *
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, LS-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int.".
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct.", indicates fuel octanes available. "Army", or "Navy" following octane indicates Army or Navy contract fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency.
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines within at least a 15-1 glide angle are indicated.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly, the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft.
7. Airline stop airport names are capitalized or bracketed.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A)	- Army Field	LTA	- Lighter than Air	NAAS	- Naval Aux Air Station	NPG	- Naval Proving Grounds
AAB	- Army Air Base	MCAS	- Marine Corps Air Station	NAF	- Naval Air Facility	OLF	- Outlying Field (Navy)
AAF	- Army Air Field	MCAAF	- Marine Corps Aux. Air Facility	NAS	- Naval Air Station		
CGAS	- Coast Guard Air Station	N	- Navy Field	(NG)	- National Guard		

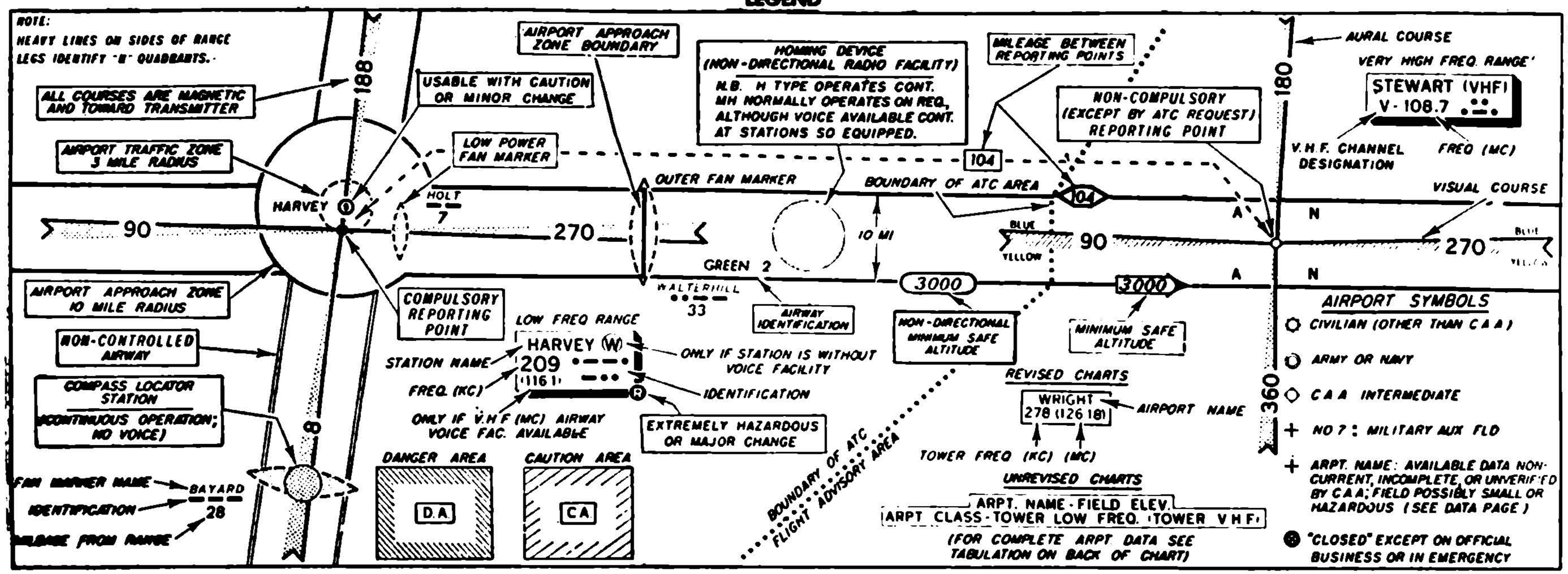
* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT. ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

MAY 13,1947

MAY 13,1947

FLIGHT PLANNING CHARTS

LEGEND



XIV

CHART CONTENTS

The Flight Planning Charts, in addition to the warning Ⓡ and caution Ⓒ symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages: (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled Ⓡ or Ⓞ items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new field, abandoned fields, range frequency changes, etc., are currently reflected on the charts For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol Ⓡ for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol Ⓞ for orange, or caution.

RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

Warning

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

Loop ranges (such as ML, RL, MRL without simultaneous feature) are not suitable for DF and ADF operations. DF or ADF use should be restricted to simultaneous type of range stations and commercial broadcast stations.

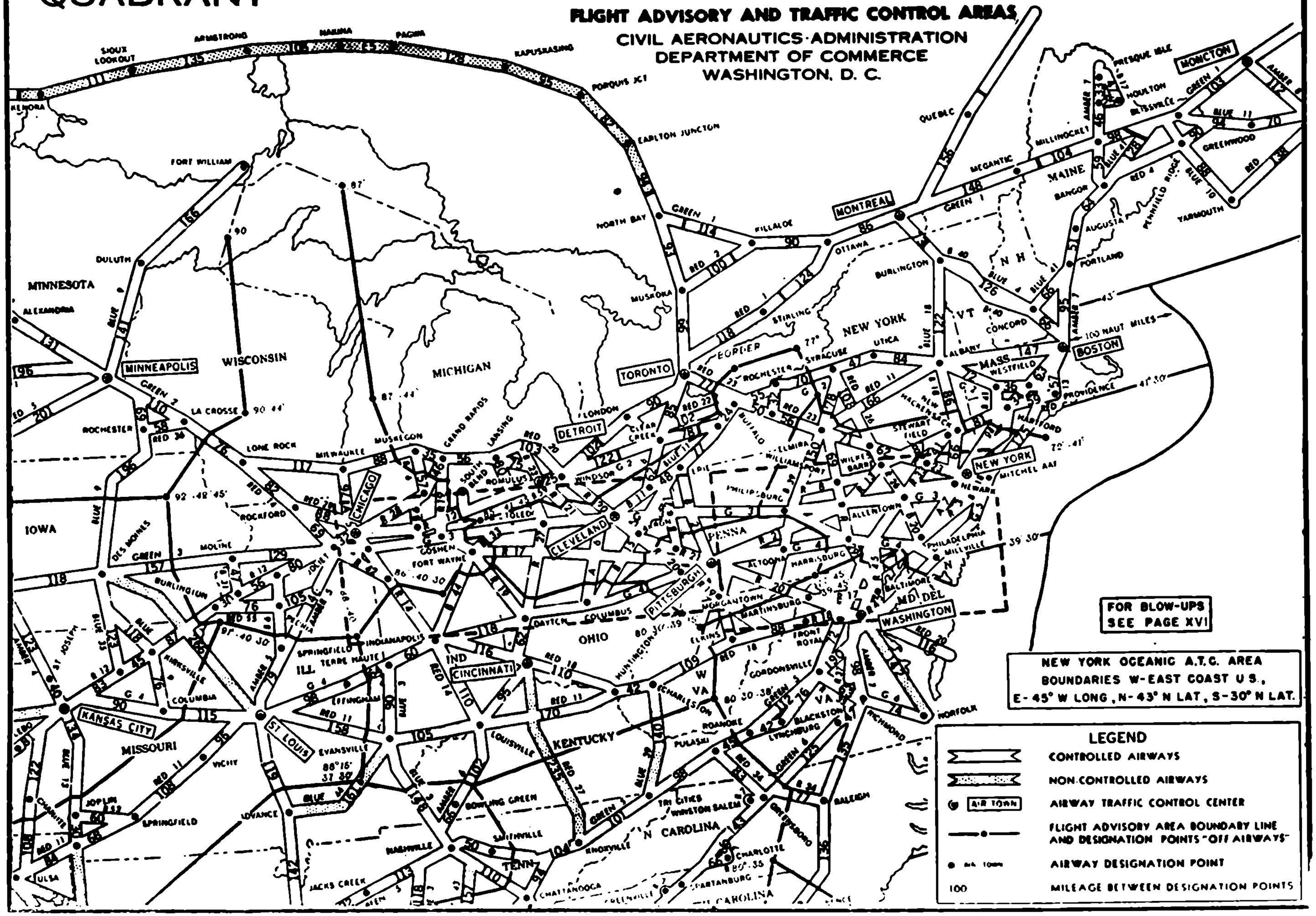
NORTH EAST QUADRANT

CIVIL AIRWAYS AND MILEAGE CHART

INCLUDING UNITED STATES AND CANADIAN

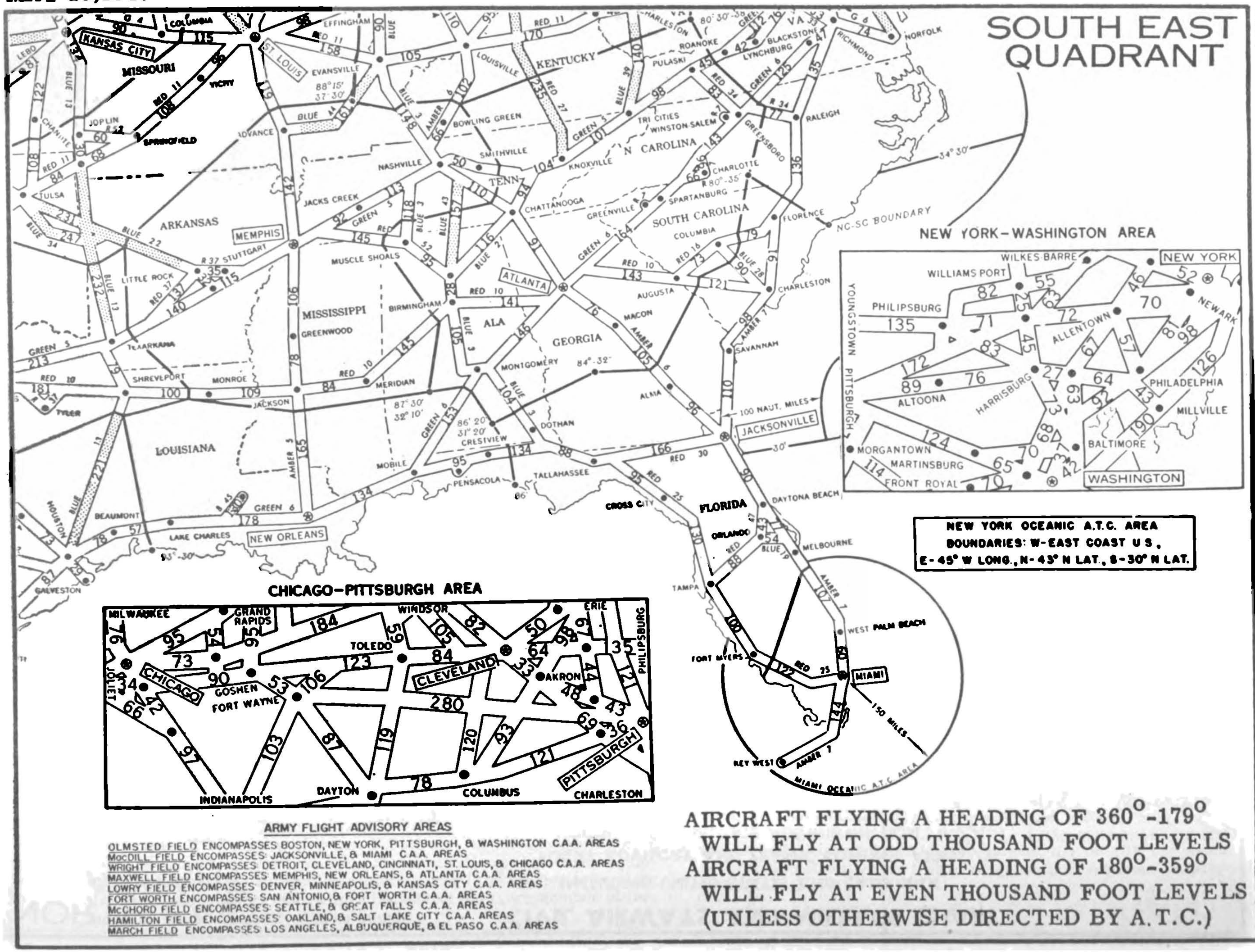
FLIGHT ADVISORY AND TRAFFIC CONTROL AREAS

CIVIL AERONAUTICS ADMINISTRATION
DEPARTMENT OF COMMERCE
WASHINGTON, D. C.



MAY 13 1947

SOUTH EAST QUADRANT



NEW YORK–WASHINGTON AREA

CHICAGO–PITTSBURGH AREA

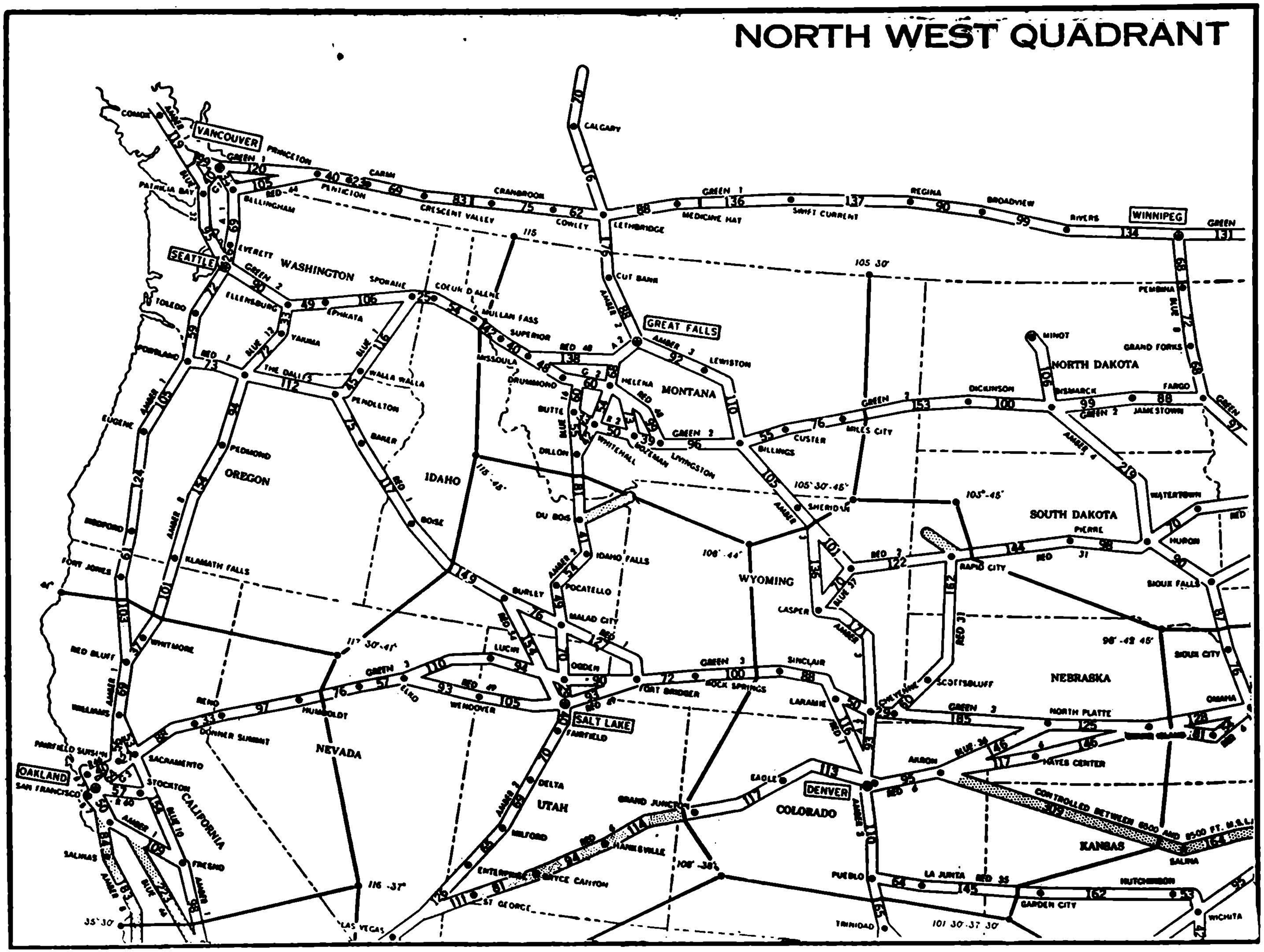
NEW YORK OCEANIC A.T.C. AREA
BOUNDARIES: W-EAST COAST U.S., E-45° W LONG., N-43° N LAT., S-30° N LAT.

ARMY FLIGHT ADVISORY AREAS

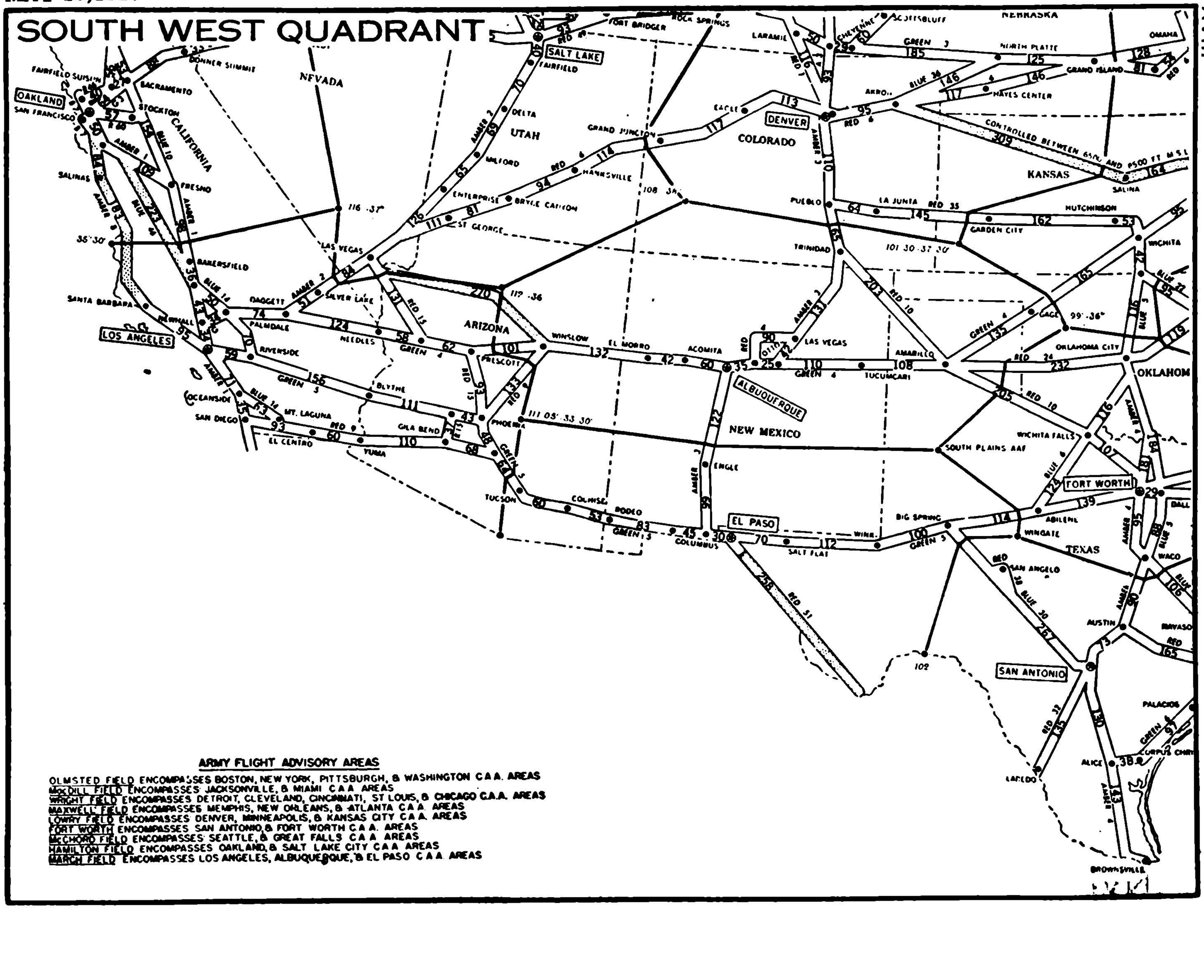
OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
MacDILL FIELD ENCOMPASSES JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES DETROIT, CLEVELAND, CINCINNATI, ST. LOUIS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. AREAS
LOWRY FIELD ENCOMPASSES DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. AREAS
FORT WORTH ENCOMPASSES SAN ANTONIO, & FORT WORTH C.A.A. AREAS
McCHORD FIELD ENCOMPASSES SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

AIRCRAFT FLYING A HEADING OF 360°-179° WILL FLY AT ODD THOUSAND FOOT LEVELS
AIRCRAFT FLYING A HEADING OF 180°-359° WILL FLY AT EVEN THOUSAND FOOT LEVELS
(UNLESS OTHERWISE DIRECTED BY A.T.C.)

NORTH WEST QUADRANT



SOUTH WEST QUADRANT



ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
MacDILL FIELD ENCOMPASSES JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES DETROIT, CLEVELAND, CINCINNATI, ST LOUIS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. AREAS
LOWRY FIELD ENCOMPASSES DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. AREAS
FORT WORTH ENCOMPASSES SAN ANTONIO, & FORT WORTH C.A.A. AREAS
McCHORD FIELD ENCOMPASSES SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

RADIO — OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASTORIA(Clatsop)	323(KAPR)	MRLZ; 99°,6.9	3105.6210 (7-17) Oper by Port of Astoria.
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-DTV,150°,4.5	(4); 116.1 (ILS-W)
→ PORTLAND	332(PD)(vhf)	SBRAZ-DTV,171°,3.1	(3);116.1,122.1
REDMOND (Roberts)	368 (RG)(116.1)	SBRAZ-DTV;101°,4.3	(4);116.1
THE DALLES	230 (ND)(116.1)	SBRAZ-DTV,251°,2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3);142.74(8-sunset later on req)
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland
WASHINGTON			
BELLINGHAM	209(JJ)(116.1)	SBRAZ-DTV,114°,2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
ELLENSBURG (Bowers)	385(EB)(vhf)	SBMRAZ-DTV,270°,2	(4);116.1,122.1
EVERETT (Paine)	224(MI)(vhf)	BMRLZ-DTV,330°,3.1	(4);116.1,122.1
HOBART FM	(- -)	FM, 88°, 15	Seattle
LA CENTER FM	(- - - -)	FM;331°,12	Portland, Oreg.
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-DTXV;296°,2.8	(3);116.1,122.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Int.)	239 (GL) (116.1)	BMRLZ-DTV,236°, 2.8	(4); 116.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74, 126.18)	CN(GCA);303°,3.3	(3);142.74,126.18. Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3) ;3155;142.74 (24 hrs advance notice)
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.
YAKIMA	320(YA)(vhf)	BMRLZ-DTV	(3); 116.1, 122.1
→ Yakima Co. Airport	278 (118.5)	AC;267°,4.7	(4); 118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
				IM-	MM- ·-·- (0.63)	OM- -- (4.5)	
MAHLON SWEET (L6)	109.9	333.8	159°		MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. ‡—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OREGON

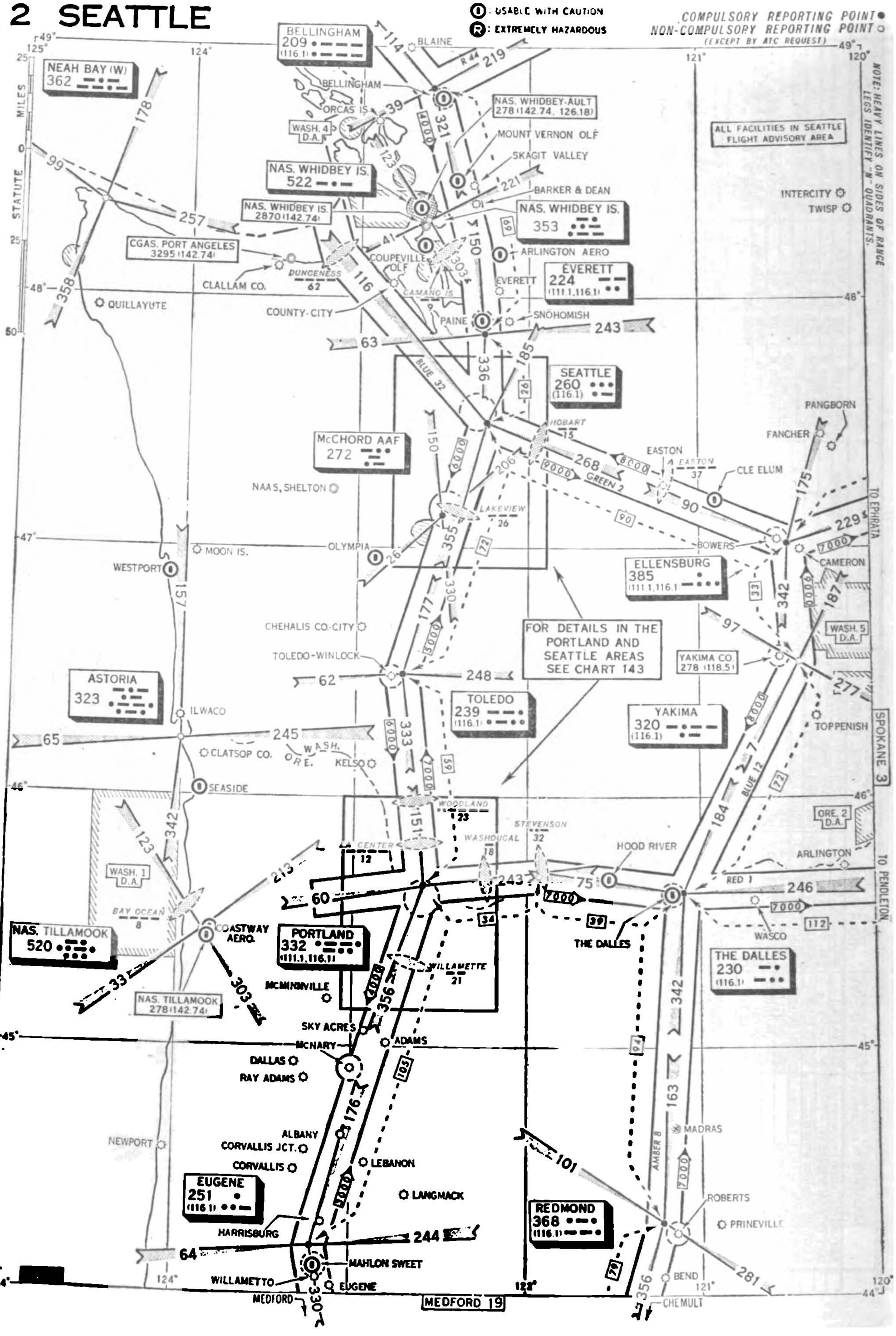
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	267	33 S4	80 oct.
Albany	2.5 NE;RR NW	235	26 S6	73,80 oct. Poles W, SW.
* Arlington Int, 12B, PD-SM	1.4 ENE;riv NW	872	50 L3	
Bend	5.5 ENE;hwy S	3429	40 S6	80,91 oct. Pwrline SE. Use strips.
Clatsop Co. (Astoria)	3.5 W;riv E	10	57h R1	
Coastway School of Aeronautics (Tillamook)	1.4 E;hwy W	55	29 S2	80 oct.
(P)Corvallis	4.9SSW;RR E	235	52h S6	80,91 oct.
Corvallis Junction	1.3 NNE;RR W	240	20 S6	80,91 oct. No sto.
Dallas	1.2 N;RR S	400	23 S1	80 oct. Poles WSW.
→ Eugene Airpark	1.6 SW;rd W	420	28 S6	80,91 oct.
Harrisburg	2 NNE;RR E,W	300	25 S1	80 oct.
→ Hood River	2.5 S;riv E	605	19 S1	80 oct
Langmack (Sweet Home)	2 E;hwy N	550	24	80 oct. Poles W.
Lebanon	1.3SW; RR E	340	21 S4	80 oct.
(A)Madras (A)	2 NNW;RR SE	2420	74h	CLOSED.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted) → NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
MAHLON SWEET (Eugene)	8 NW;RR NE	365	52h R3 L6	No tower.
McMinnville	3.1 ESE;hwy W	156	50h S4	80,91 oct.
(P)McNARY (Salem)	2.2 SSE;RR SW	207	55h L5 S6	80,91 oct. No sto.
(P)Newport	4 S;ocean W	160	51h L5 S4	80 oct. No sto. Lgts on req.
Prineville	2.9 SW;hwy SW	3240	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW;RR E	195	23 S1	80 oct. Cattle on fld.
(P)Roberts (Redmond)	1.5 SE;hwy N	3075	70h L S6	80,91 oct. Range & obst lgts on req.
Santiam Junction Flight Strip (Idanha) (NC)	21.5 SSE;hwys N	4000	30	Trees W, E.
Sky Haven (Brooks)	See Sky Acres under "New Airports" - name changed.			
(P)The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N)Tillamook NAS (N)	3 SE;riv N	35	50h R2 L5 S4	91 oct. Used by LTA,HTA.
Vernonia (NC)	2.4 WSW;riv S	620	29	
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willametto Arpk. (Eugene)	4.8 W	420	25 S1	80 oct.
WASHINGTON				
(N)Arlington Aero. School	3 SW;hwy W	129	50h L5 S6	91-100 oct.Rnwy lgts prior req.
Barker & Dean (Mt. Vernon)	2.2 S;RR,riv W	4	20 S4	73,80 oct. No sto. Trees NW.
(P)BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S4	80,91,100 oct. Fld lgts prior req.
Blaine	0.5 E;RR W	15	18 S1	80 oct. ARPT OF ENTRY.
(P)Bowers (Ellensburg)	2.5 NE;hwy S	1767	59h R1 L5 S6	80,91 oct. Ctc lgts prior req.
Cameron (Kittitas)	0.5 N;RR S	1650	26 S2	80 oct.
(P)Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct. No sto.
Clallam Co. (Port Angeles)	2.9 WNW;RR NW	290	52h S2	80 oct.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW	110	33 S2	80 oct.Pole lines ESE,WNW.ARPT
(N)Coupeville OLF (N)	2 SE	193	54h	CLOSED. OF ENTRY
* Easton Int,5B,SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
Everett	2.7 NNE;riv N	15	21 S4	80 oct. 30' hangar W
(P)Fancher (Wenatchee)	2.5 NE;riv W	1440	33h L3 S6	80 oct. Fld lgts prior req.
Forks (NC)	1 SW;rd S	288	23	75' trees E. HAZARDOUS.
Goldendale (NC)	0.6 SE;RR W	1600	20	Pole line E,SE.Ditch center.HAZ-
Ilwaco	1.5 ENE;riv S	8	20 S2	80 oct. ARDOUS.
→ Intercity,USFS (Winthrop)	4 SSE;riv SW	1650	32 S1	80,91 oct. Mtns SE.
Kelso,61A,SF-SA	1.4 S;RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE,SSW.
(P)Moon Island (Aberdeen)	6 W;harb N,S	14	50h L5 S6	80, 91 oct.
(N)Mount Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S;hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound)	0.7 N;hwy E	25	24 S2	80,91 oct.
(P)Paine (Everett)	6.5 SW;hwy NE	598	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3 ESE;hwy S	1246	46h L5	Contact lgts prior req.
Pasayten,USFS (Winthrop) (NC)	38 NW;riv E	4250	28	Use in emerg.only.Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91,100 oct. Lgts prior req.
Quillayute	0.7 NNW;	195	50h	8 mi. W of Forks.
(N)Shelton NAAS (N)	2.5 NW;hwy ENE	278	52h	Tower NW. INACTIVE
Skagit Valley Air Svc.(Burlington)	0.7 S;RR E	35	20 S1	80 oct. Stack N.
Snohomish	0.9 SW;RR N	16	30h S6	80,91 oct.Rnwy data unver.Poles ESE.
Snoqualmie Pass (North Bend)	3.5 ESE;hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo-Winlock Int,63B,SF-SA	3 NE;hwy W	371	51h R1 L3 S2	80, 91 oct.
Toppenish	3.2 SSW;hwy E	835	32 S5	80 oct.
→ Twisp	1.9 SE;riv S	1620	19 S1	80 oct.Hills NNW.
Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct.
(N)Whidbey Island NAS (N)	3 NW Oak Harbor	17	70h R2 (L6) S2	91, 100 oct.
YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	73,80,100 oct. Pole line S.
NEW AIRPORTS				
Sky Acres (Brooks,Ore.)	1.6 NE;RR W	180	20 S1	Ltd 80 oct.
→ Seaside (Oregon)	1.5 NE;RR W	6	17 S4	80 oct. No sto.

2 SEATTLE


U: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA
BELLINGHAM 209 (116.1)
NEAH BAY (W) 362
NAS. WHIDBEY-AULT 278 (142.74, 126.18)
NAS. WHIDBEY IS. 522
NAS. WHIDBEY IS. 2870 (142.74)
NAS. WHIDBEY IS. 353
CGAS. PORT ANGELES 3295 (142.74)
EVERETT 224 (111.1, 116.1)
SEATTLE 260 (116.1)
McCHORD AAF 272
ELLENSBURG 385 (111.1, 116.1)
ASTORIA 323
TOLEDO 239 (116.1)
YAKIMA 320 (116.1)
YAKIMA CO. 278 (118.5)
NAS. TILLAMOOK 520
NAS. TILLAMOOK 278 (142.74)
PORTLAND 332 (111.1, 116.1)
THE DALLES 230 (116.1)
EUGENE 251 (116.1)
REDMOND 368 (116.1)
MEDFORD 19
FOR DETAILS IN THE PORTLAND AND SEATTLE AREAS SEE CHART 143
BLAINE
BELLINGHAM
ORCAS IS.
WASH. 4 D.A.
MOUNT VERNON OLF
SKAGIT VALLEY
BARKER & DEAN
INTERCITY
TWISP
ARLINGTON AERO
COUPEVILLE OLF
DUNGENESS
CLALLAM CO.
QUILLAYUTE
COUNTY-CITY
CAMANO IS.
PAINE
SNOHOMISH
HOBART
EASTON
CLE ELUM
PANGBORN
FANCHER
NAAS, SHELTON
LAKEVIEW
OLYMPIA
MOON IS.
WESTPORT
BOWERS
CAMERON
CHEHALIS CO-CITY
TOLEDO-WINLOCK
WASH. 5 D.A.
TOPPENISH
ILWACO
CLATSOP CO.
WASH.
ORE.
KELSO
SEASIDE
WOODLAND
STEVENSON
WASHOUGAL
CENTER
HOOD RIVER
ARLINGTON
ORE. 2 D.A.
WASH. 1 D.A.
BAY OCEAN
COASTWAY AERO.
WILLAMETTE
McMINNVILLE
WASCO
SKY ACRES
McNARY
ADAMS
DALLAS
RAY ADAMS
NEWPORT
ALBANY
CORVALLIS JCT.
CORVALLIS
LEBANON
LANGMACK
HARRISBURG
MAHLON SWEET
WILLAMETTO
EUGENE
MEDFORD
MADRAS
ROBERTS
PRINEVILLE
BEND
CHEMULT
TO EPHRATA
SPOKANE 3
TO PENDLETON
MILES
STATUTE
125°
124°
122°
121°
120°
49°
48°
47°
46°
45°
44°

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.

DOROTHY SCOTT
TONASKET
OKANOGAN NO 1
OKANOGAN-LEGION
COLVILLE
NEWPORT
HAFER'S
DEER PARK
SPOKANE 365 (111.1, 116.1)
SANDPOINT
COEUR D'ALENE 347 (116.1)
EUREKA
LIBBY
ANDERSON
CALKINS AIR TERMINAL
COEUR D'ALENE AIR TERMINAL
CHELAN
EPHRATA 269 (111.1, 116.1)
DAVENPORT
SPOKANE AAF 245 (126.1R)
FELTS 278 (118.5)
THOMPSON FALLS
J Z
WILBUR
COULEE CITY
EPHRATA
HARRINGTON
SAVAGE
GEIGER AAF
SPRAGUE
HARRINGTON
WEEKS
LEMEN
KELLOGG
ROSALIA
ST MARIES
TO ELLENSBURG
MOSES LAKE AAF
RITZVILLE
TEKOA FLY CLUB
MULLAN PASS 206 (116.1)
TO SUPERIOR
LIND
LA CROSSE
WASH. S D.A.
WASHTUCNA
PULLMAN-MOSCOW REGIONAL
CONNELL
WASH. B D.A.
ASOTIN CO.
OROFINO
GREAT FALLS SEATTLE
GREAT FALLS 6
TOUCHET VALLEY
WALLA WALLA 212 (116.1)
LEWISTON
SUNNYSIDE
NAS. PASCO
RICHLAND
PROSSER
CRAIGMONT
KAMIAH
MARTIN
VISTA OLF
TWIN CITY
WALLA WALLA AAF 396 (126.1R)
SKY RANCH
WASH.
ORE.
PENDLETON 278 (118.7)
IDAHO CO.
HERMISTON
OREGON SKY RANCH
BOARDMAN
TO THE DALLES
CABBAGE HILL
PENDLETON AWYS. SER.
ENTERPRISE
JOSEPH
LEXINGTON
PENDLETON 341 (111.1, 116.1)
LA GRANDE 329 (116.1)
LA GRANDE
LA GRANDE
ORE. IDAHO
McCALL
BAKER 221 (111.1, 116.1)
SEATTLE 2
BAKER
CASCADE
JOHN DAY
WEISER
SEATTLE SALT LAKE CITY
On request
ONTARIO 305
PAYETTE
PAYETTE
ONTARIO
BOISE 350
ELKO 22

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COEUR D'ALENE (Air Term.)	347(KO)(116.1)	BMRLZ-DTV;321°,5.2	(4);116.1
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.

MONTANA

MULLAN PASS	206(MN)(116.1)	BMRLZ-DTV	(4);116.1

OREGON

BAKER	221(BK)(vhf)	SBRAZ-DTV;116°,1.8	(4);116.1,122.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE	329(IU)(116.1)	MHTV	(4);116.1
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
ONTARIO	305(OO)	MH	(4)
PENDLETON	341(PO)(vhf)	SBRAZ-DTV	(3):116.1 122.1
Pendleton Field	278 (118.7)	C; 247°, 2.3	(4);122.5,118.7

WASHINGTON

EPHRATA	269(EP)(vhf)	BMRLZ-DTV;336°,3.9	(4):116.1,122.1
→ FELTS (Spokane)	278 (118.5)	AC;331°,1.2	(4);118.5,126.18,122.5
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
SPOKANE (Felts)	365(SM)(vhf)	SBRAZ-DTV	(3);116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-DTV	(4):116.1
Walla Walla AAF	396(126.18)	CA ;182°,3.8	(4);126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cascade	1 E; rd N	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3700	23	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	21	Maintained May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;rd W	3295	44 S2	80 oct.20' pole line W.
Kamiah	0.6 SE;RR E	1194	28	Rough. Trees NNW.
★ Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	73 oct. 10' dike W.
Landmark, USFS (Knox) (NC)	7.7 ESE	6680	15	Maintained June to Nov.
(P) Lewiston	2 S;riv NW	1426	50h L1	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S4	80 oct. Trees W.
Orofino	1.3 W,riv NE	1000	24 S1	80 oct.1000' mtns WNW, ENE.
Payette	2 NE;RR W	2200	35	Road crosses fld SE.
Priest River (NC)	0.9 NNW,RR S	2165	21	Trees E; hill W.
St. Maries	1.2 NW,hwy S	2132	23	
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S,riv W	2120	34 S6	80 oct.

MONTANA

→ Eureka	2.7 NNW,RR N	2680	27	80 oct.
Libby, USFS	1 NE;riv S,E,W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.

OREGON

(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE,riv N	635	23 S1	80 oct.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE,RR SW	2713	47h R1 L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR S	1492	63h R2 L5 S6	80 oct for U.A.L.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
→ Pilot Rock	0.8 E,hwy N			ABANDONED.

WASHINGTON

Anderson (Pateros)	1.6 SSW;RR N	1100	16	Mtns NW
Asotin County(Clarkston)	0.6 N	760	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv E	1250	34	Hills W,N,S.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1150	40 S1	73 oct. 2000' mtn S.
Ephrata	2 SE,hwy NW	1258	73h R1 S6	80 oct. ARMY TMP INACT.CIVIL FACS.
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS.
→ Hafer's Ranch (Chewelah)	3.6 SSW;RR E			ABANDONED.
* Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	24 S1	80 oct. Posts NE.
Okanogan Flight Strip (Omak)	4 N	1298	47h	
(N) Pasco NAS (N)	2.8 NNW,RR E	402	47h	INACTIVE.
(P) Prosser	1.4 NW;riv SE	685	40 S6	80,91 oct. Trees W.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;RR S	800	30 S1	80 oct. Pwr line WSW.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	31 S1	80 oct. Pwr line SSW.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct, Trees,poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
→ Vista (Kennewick)	4.5 W;rivs NW	516	35h L S6	80,91 oct. Emerg lgts on prior req.
Wallace (Mead)(NC)	3 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2 L5 S6	73,91,100 oct
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.

NEW AIRPORTS

→ Craigmont,(Idaho)	Adj NW;RR SW	3688	20 S2	80 oct.P-line E.

GREAT FALLS

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	366(DZ)(vhf)	SBRAZ-DTV;332°,1.7	(4);116.1,122.1

MONTANA

ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL) (116.1)	SBMRAZ-DTV,319°,0.8	(4):116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4)·116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV) (116.1)	SBRAZ-DTV;327°,3.1	(4); 116.1
DILLON (Int.)	379(DE)(116.1)	BMRLZ-DTV;167°,2.0	(4);116.1
DRUMMOND (Int.)	296 (DR)(116.1)	SBMRAZ-DT,185°,1.3	(4);116.1
GREAT FALLS	317(GT)(116.1)	SBRAZ-DTV	(3);116.1
Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4);126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371(HL)(vhf)	SBMRAZ-DTV252°,1.9	(4):116.1,122.1
Helena Airport	278(118.9)	C	(4);118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224(LT)(116.1)	SBMRAZ-DTV;247°,2	(4);116.1
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308(MX)(vhf)	SMRAZ-DTV; 120°, 1.5	(4);116.1,122.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254(SP)(116.1)	BMRLZ-DTV;275°,0.1	(4);116.1
WHITEHALL (Int.)	284(WW)(116.1)	SBRAZ-DTV;183°,2.3	(4);116.1
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM–	MM–	OM–
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	73,80 oct.
Dubois, 23,S1-GT	0.8 SSE	5123	48 R1 L3	30' pole W.
Flying R (Lake)	2.8 SE;lake W	6630	34 S1	Ltd 73 oct.
Moose Creek,USFS (Red Riv,Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to Public
Salmon	4 S;riv W	4045	40 S2	80 oct,Mtns NE.

MONTANA

Basin Creek (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4650	22	Closed to public
Black Bear (Flathead Nat'l Forest)(NC)	26 SE Swan Lake.	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25	(NC)
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S4	80,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;RR W	3810	39 S4	80 oct.
Condon (Flathead Nat'l Forest)(NC)	19 E of Ronan	3690	27	
Conrad	1.1 W; creek S	3530	32 S1	80 oct.
(P) CUT BANK	3 SW;riv 1 E	3900	87h R1 L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6114'	70h L2	
★ Dillon Int,32, SL-GT	4.6 ENE;riv 2 W	5238	38 R1 L3 S1	80 oct.

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int.44B, SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2960'	47h L2 S1	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR SE	2870	27	Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80-100 oct.
Gates Park,USFS(NC)	35 W Choteau	5400	26	Sur by mtns.Closed to public.
Geraldine Mun.	0.5 S;RR NE	3200	17 S1	Ltd 73 oct.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW; RR E	3669	70h R2 L5 S6	80,91 oct. ARPT. OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3485	89h R1 L5 S6	73.91.100 oct.JP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3186	38 L4 S6	80,91 oct. All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.Pole line S, Rnwy data unver.
(P) HELENA	2.5 ENE;hwy W	3882	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public.
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.Poles NW.
Livingston	6 ENE;RR N,W	4590'	62 S2	80 oct.
★ Int,10,HL-Twin Cities	2 E;RR N	4603	40 R1 L3 S2	80 oct.Poles S.
Meadow Creek (Flathead Nat'l Forest)	21 ESE Swan Lake	4000	22	(NC)
(P) MISSOULA COUNTY	5.3 WNW;RR N	3200	71h R1 L5 S4	80,100 oct. No flood lgts.
Plains	1.3 NNW; RR NE	2465'	32 S4	80 oct.No sto, 30' Poles NW,NE.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only. Nov. thru April.
Rainbow Skyport (Gregson)	0.7 N;RR E,S	5030	40 S1	80 oct.
Schafer (Flathead Nat'l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.
Seeley Lake (NC)	4 WNW	4150	20	Trees NW.
Sheridan	0.6 SE	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat'l Forest)(NC)	14 ENE Swan Lake	3800	22	
Stevensville	2 ENE;riv 2 W	3620	30 S2	80 oct.
★ Superior Int,36B,SA-HL	1 S; RR S,riv NE	2700	35 R1 L2 S1	80 oct.Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L2 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38 S1	80 oct.
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
(P) West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only.
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.

NEW AIRPORTS

Gardiner, Mont.	1 NNW;RR S	6200	22	

6 GREAT FALLS

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R-6 QUADRANTS.

CUT BANK
263
(116.1)

GREAT FALLS MUN.
278(118.7,126.18)

GREAT FALLS
317
(116.1)

GREAT FALLS AAF
219(126.18)

MISSOULA
308
(116.1,111.1)

SUPERIOR
254
(116.1)

DRUMMOND
296
(116.1)

BUTTE
233
(116.1)

DILLON
379
(116.1)

HELENA
278(118.9)

HELENA
371
(111.1,116.1)

WHITEHALL
284
(116.1)

LIVINGSTON
224
(116.1)

BOZEMAN
329
(116.1)

DUBOIS
388
(111.1,116.1)

SALT LAKE CITY 23

QUARTER CIRCLE M C. RANCH
FLATHEAD CO.
KALISPELL
POLSON
PLAINS
SUPERIOR
MISSOULA CO.
STEVENSVILLE
HAMILTON
DRUMMOND
HALE
GARRISON
DEER LODGE
BUTTE
HOMESTAKE
RAINBOW
SHERIDAN
TWIN BRIDGES
DILLON
SALMON
CHALLIS
CUT BANK
TOOLE CO.
CHESTER
CONRAD
VALIER
CHOTEAU
FORT BENTON
GERALDINE
TANNER
CASCADE
CRAIG
GEYSER
STANFORD
WINSTON
WHITE SULPHUR SPRINGS
TOWNSEND
SIXTEEN
GALLATIN
WHITEHALL
LIVINGSTON
BELT
ALBERTON
LETHBRIDGE
MCDONALD PASS
GREAT FALLS
SALT LAKE CITY
DELL
FLYING "R"
WEST YELLOWSTONE
DUBOIS
GARDINER
MONT.
WYO.
IDAHO
IDAHO FALLS
TO BILLINGS
SPOKANE 3
10 MULLAN PASS

BILLINGS 7

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

110° 109° 108° 107° 106° 105° 30' 105°

49°

48°

47°

46°

45°

44°

STATUTE MILES 0 25 50

GREAT FALLS 6

BISMARCK 10

TO GREAT FALLS

TO DICKINSON

LIVINGSTON 224

MONT. WYO.

SCOBEY

CHINOOK

HAVRE CITY-CO.

HARLEM

MALTA AIRPK.

ETCHART

VALLEY CO.

GUSTAFSON-ANDERSON

WOLF POINT

FORT PECK

VINE

CIRCLE

JORDAN

DENTON

LEWISTOWN

MOORE

FOREST GROVE

LEWISTOWN 353 (118.1)

HARLOWTON

ROUNDUP

BILLINGS 400 (116.1)

CUSTER (W) 215

LAVINA

CUSTER

NIBBE 25

RAPELJE

BILLINGS 278 (118.7)

BIG TIMBER

247

67

COLUMBUS

PARK CITY 21

BILLINGS 6

ZELKA

BIG HORN CO

MILES CITY

MILDRED

FORSYTH

MILES CITY 320 (116.1)

GREEN 2

240

60

238

229

50

325

326

142

145

146

197

270

17

90

ST. XAVIER

BONES BROS. RANCH

RED LODGE

POWELL

COWLEY-LOVELL-BYRON

SHERIDAN CO.

SHERIDAN 2

UCROSS 17

SHERIDAN 239 (116.1)

DENVER

MINNEAPOLIS GREAT FALLS

208

118

28

CODY

GREYBULL

BASIN

BUFFALO

GILLETTE MUN

GILLETTE ARPK.

298

159

269

CASPER

TO WRIGHT

GREAT FALLS SALT LAKE CITY

ROCK SPRINGS 26

RADIO — MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-DTXV	(3):116.1
→ Billings Airport	278 (118.7)	AC(ILS-W):247°,1.3	(4):118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ:230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-DTV,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-DTV,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings

WYOMING

SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
→ SHERIDAN	239 (ZY)(116.1)	SBRAZ-DTV,298°,1.8	(4); 116.1,122.1
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BILLINGS	110.3	335	253°	IM-	MM- ·--· (0.6)	OM- --(4.3)
					MMK-	OMK- 251 -·-·
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ (P) Big Horn Co. (Hardin)	2.3 ESE,riv W	3000	31 S1	(NC) 80 oct.
★ Bigtimber Int,13A, HL-Twin Cities	2.5 SSW,hwy N	4450	43 L3	
(P) BILLINGS	2.5 NW,RR S	3612	57h R3 L6 S6	73,91,100 oct.
(P) Bones Bros.Ranch (Birney)	2 ESE,crk W	3500	29 S2	No fuel. ROUGH
(P) Chinook	2.8 NNE,rd W	2480	42	
→ Circle	1.3 E,RR N	2400	21 S1	80 oct.
(P) Columbus	1 ESE,RR N	3575	50 S1	80 oct. Poles W,E,NW.
★ Custer Int,25,HL-Twin Cities	2.3 E,riv NE	2868	42 L3	
Denton	2.2 SSW,RR N	3850	26 S4	73 oct.
Etchart(Tampico)	0.5 NNW,RR S	2100	29 S2	80 oct. Trees SE.
→ Forsythe, 30 HL-Twin Cities	3 ENE,riv N	2722	30 L3 S1	73 oct.
Fort Peck	1.6 W,hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW,RR S	2040	26 S6	80 oct. Poleline E.
Harlem	2.3 NNE,RR E	2560	24 S2	80 oct.
(P) Harlowton	2 WNW,riv S	4400	29 S2	73 oct.

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Havre-City-County	4 WSW,lake E	2589	48h S4	80 oct. ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW,RR N	2950	24	
(P) Jordan	1.8 WNW,rd S	2637	40 S1	80 oct. Road W.
★ Lavina Int,44B, CX-→ GT	1 WNW,RR S	3496	49 L3	Use rnwys only
→ (P) LEWISTOWN	2.5 SW,RRNW	4177	100h R1 L5 S4	80,91 oct. Rnwy lgts on req.
(P) Malta Airpark	0.8 SW,RR N	2270	31 S4	80 oct. Shrubs NW. No sto.
★ Mildred Int,38, HL-Twin Cities	3.4 WSW,rd E	2535	37 L2	
(P) MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
→ Poplar (NC)	0.8 N,RR S	1970	28	
(P) Rapelje	1 SE,RR N	4030	38	
(P) Red Lodge	0.5 WNW	5600	29	ROUGH. Road N.
(P) Roundup	1.9 N,hwy S	3500	37 S2	Hwy W. 80 oct
★ St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W.
(P) Scobey	1 NW,RR S	2458	34 S1	80 oct.
(P) Valley County (Glasgow)	1.8 NNE,RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S,hwy W	2350	27 S1	80 oct.
(P) Wolf Point	3 E,riv S	1980	35 S2	80, 91 oct.
Zelka(Hardin)	2 W,hwy N	3002	18	

WYOMING

Basin	2.5 NE,riv E	3775	34	Hills adj E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	80, 91 oct. Hwy E.
Cody	2 ESE,riv N	5084	47 S6	73,91 oct. Hill E; pole line S.
Cowley-Lovell-Byron (Cowley)	2 NNE,rd NW	4050	32	
(P) Gillette	5.2 NNW	4380	36 S2	73, 80 oct. Hwy E.
(P) Grey Bull	2 NW,hwy S	3900	44 S2	73 oct.
(P) Powell	8 NNW	5054	42 S2	73 oct.
(P) SHERIDAN COUNTY (Sheridan)	2 SSW,hwy E	3961	60h R1 L5 S6	80,91 oct.

NEW AIRPORTS

Gillette Arpk.(Wyo.)	1.7 ESE,RR N	4650	25 S4	80 oct. Poles NW.
Moore, (Mont.)	0.5 E;RR N	4100	20 S2	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

RADIO — NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-DTV,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-DTV,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O'Minot)	209 (UI)	BMRLZ-DT,301°, 3.4	(4)
SOUTH DAKOTA			
PHILIP (Int.)	206(IL)(116.1)	MHTV	(4);116.1,122.1
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249° , 3.5	(4); 116.1,122.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-DTV	(4);116.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
SPEARFISH (Black Hills Airport)			DECOMMISSIONED

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Baker	0.8 SSE,hwy N	2990'	35 S2	80 oct.Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct.Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P) Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.
NORTH DAKOTA				
Beach	0.8 NNW	2814	30 S2	73 oct.Poles ENE.
(P) BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct.No sto.
Bowman	1.5 W,RR N	3000	24 S2	80 oct.P-line N.
Chandler(Williston)	3 W,RR SE	1877	31 S6	80 oct, Bldg N.FEE.
(P) Crosby	1 N,RR SW	1962	32 S2	80 oct.
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X111) NC-(not charted). → New or revised data.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct.Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S2	80 oct.Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S1	80 oct.Polelines S.
New England	3NE;hwy W	2666	24 S6	80 oct. P-line W
Parshall	1.2 S;hwy E	1970	22 S1	80 oct. P-line W
(P) Port O'Minot(Minot)	1.6 NNE, hwy W	1723	58h R1 L S6	80,91 oct.Port rnwy lgts. Pwr line SW.
Rhame	1.5 SW,	3150	23 S1	80 oct. P-line S,SE,SW
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct.Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1905	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	80 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct.Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct.Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct.Data unver.
Wyman (Mott)	1 S,dam N		30 S1	80 oct.Data unver.
SOUTH DAKOTA				
(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 S6	73, 91 oct.(Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct.Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct.Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct.Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct.No sto.Poleline N
PIERRE	3.5 NE,riv SE	1742	69h R1 S1	73 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3234	83h R2 L5 S4	73,91,100 oct.JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.
NEW AIRPORTS				
Hettinger (N.D.)	1 NNW;RR S		28 S2	80 oct. Pole line N.Data unver.
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E.ARPT OF
→ Bottineau, (N.D.)	1 N;RR W	1645	35 S1	80 oct.E,W,N,SE blkd. ENTRY
→ Sherwood (N.D.)	2 N;hwy E	1650	26 S2	80 oct.Pole E.Use strips only.
→ Wright(Willeston,N.D	3.2 N	1860	32 S6	80,91 oct.P-line S,W.Use strips only.

10 BISMARCK

R EXTREMELY HAZARDOUS O USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N.W. QUADRANTS.

105° 104° 103° 102° 101° 100°

25 STATUTE MILES 0 25 50

49°

48°

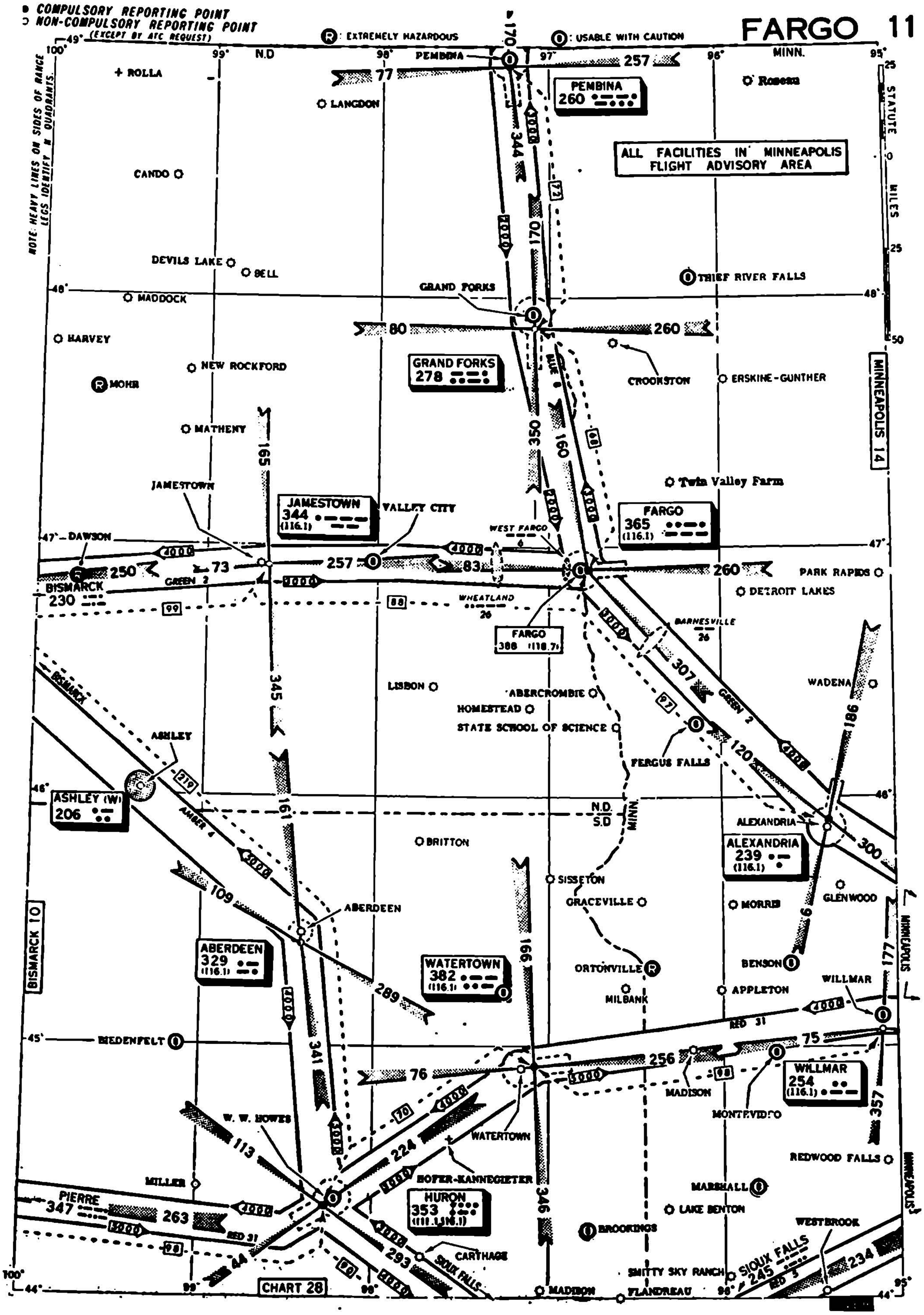
47°

46°

45°

44°

CROSBY ○
PORTAL
PLENTYWOOD ○
BOTTINEAU ○
MOHALL ○
TOWNER ○
RUGBY ○
WRIGHT
CHANDLER O WILLISTON
PORT O'MINOT
MINOT 209 ●:●—
PARSHALL ○
MILLER ○
SIDNEY O
WATFORD CITY ○
121
211
31
201
FARGO 11
167
158
100
+ ILO
WASHBURN ○
BISMARCK 230 (116.1) —●—●
DICKINSON 308 (116.1) —●—●
GLENDIVE ○
GLEN ULLIN ○
JUDSON 27
DRISCOLL 39
10 JAMESTOWN
BEACH ○ GOLVA ○
WORTH
MILES CITY 320 —●—
6000
69
GREEN 1
256
80
250
5000
238
153
100
99
NEW ENGLAND ○
DICKINSON
BISMARCK
6000
212
MINOT
333
BAKER ○
+ WYMAN
RHAME ○
BOWMAN ○
347
+ HETTING
MONT.
N.D.
S.D
BILLINGS 7
MOBRIDGE ○
MINNEAPOLIS DENVER
MONT. WYO.
SO.
168
165
BLACK HILLS
NEWELL ○
RUSHMORE
RAPID CITY 221 (116.1) —●—●
PIERRE 347 (116.1) —●—●
HURON
144
6000
RAPID CITY AAB 396 (126.1B)
GERONIMO
HALLEY
69
246
6000
PHILIP
On request
PHILIP 206 (116.1) —●—●
PIERRE
348
HIGHLIGHT
123
66
CHART 27


FARGO 11
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY M QUADRANTS.
ROLLA
LANGDON
CANDO
DEVILS LAKE
BELL
MADDOCK
HARVEY
NEW ROCKFORD
MOHR
MATHENY
JAMESTOWN
DAWSON
BISMARCK
PEMBINA
ROSEAU
ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA
THIEF RIVER FALLS
GRAND FORKS
CROOKSTON
ERSKINE-GUNTHER
Twin Valley Farm
VALLEY CITY
WEST FARGO
PARK RAPIDS
DETROIT LAKES
WHEATLAND
BARNESVILLE
WADENA
LISBON
ABERCROMBIE
HOMESTEAD
STATE SCHOOL OF SCIENCE
FERGUS FALLS
ASHLEY
BRITTON
SISSETON
GRACEVILLE
ALEXANDRIA
MORRIS
GLENWOOD
ABERDEEN
ORTONVILLE
BENSON
MILBANK
APPLETON
WILLMAR
MEDENPELT
MADISON
MONTEVIDEO
WATERTOWN
BOFER-KANNEGIETER
MILLER
W. W. HOWES
CARTHAGE
SMITTY SKY RANCH
FLANDREAU
BROOKINGS
LAKE BENTON
MARSHALL
REDWOOD FALLS
WESTBROOK
CHART 28
PEMBINA 260
FARGO 365 (116.1)
JAMESTOWN 344 (116.1)
GRAND FORKS 278
FARGO 388 (118.7)
BISMARCK 230
ASHLEY (W) 206
ABERDEEN 329 (116.1)
WATERTOWN 382 (116.1)
HURON 353 (111.1;116.1)
WILLMAR 254 (116.1)
ALEXANDRIA 239 (116.1)
SIOUX FALLS 245
PIERRE 347
STATUTE MILES
MINNEAPOLIS 14

[redacted]O

MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	239(AE)(116.1)	BMLZ-DTV,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
WILLMAR	254(IW)(116.1)	SBMRAZ-DTV,357°,3.5	(4); 116.1
[redacted]RTH DAKOTA			
ASHLEY (Int,)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-DTV	(3); 116.1
Fargo-Hector Arpt	388(118.7)	C, 260°, 0.9	(4);118.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-DTV,253°,1 5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5 5	Fargo.
WHEATLAND FM	(. . - - . -)	FM, 260°, 25.5	Fargo.
SOUTH DAKOTA			
ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1
→ HURON (W,W,Howes)	353(HR)(vhf)	BMRLZ-DTV,44°,2.7	(4);116,1,122,1
→ WATERTOWN	382 (WU)(116.1)	BMRLZ-DTV,256°,2.8	(4);116,1,122,1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80,91 oct.No sto.Fld lgts
Appleton	1.9 NNE,riv S	1010	34 S6	80 oct.No sto; on req.
Benson	2.4 NW	1031	22 S2	80 oct.; P-line S,SE,SW
Crookston	3 NNW,RR N	875	30 S6	80 oct.No sto.Obst
Detroit Lakes	2.7 W,RR N	1392	35 S6	80 oct.No sto. sur fld.
Fergus Falls	4.3 W;riv E	1160	20 S6	80 oct.Poleline W
Graceville	0.8 WNW,RR S	1110	18 S1	80 oct.P-line S.
Madison	1 S, hwy W	1086	31 L3 S6	80 oct. P-line N,S,W.
(P) Marshall	1.5 W;RR S,E	1167	30 S6	80 oct.P-line S.
Montevideo	2.2 NNE;hwy W	950	25 S1	80,91 oct.P-line NW.
(P) Morris	2.7 WSW,RR N	1134	31 S2	80 oct.Trees,poleline NW
Ortonville	1 ESE,hwy S	1090	30 S1	80,91 oct.P-line SE.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct.
Redwood Falls	1.8 NE,riv NE	1025	25 S1	80 oct.Poleline SE,SW.
Thief River Falls	3.6 S, riv W	1110	25 S2	80 oct. Trees NW
Wadena	1 E,RR NW	1300	30 S4	80 oct,No sto.P-line S,NW
Westbrook	1 SE,hwy N	1500	18 S1	80 oct.
Willmar,16,HR-MP	1.5 W,RR E	1130	30 R1 L3 S6	80 oct,P-line E.
NORTH DAKOTA				
Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2026	40 L3	
Cando	1.1 SW,RR E	1490	28 S4	80 oct. No sto.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	P-line W
(P) Devils Lake	2.5 W,hwy S	1450	46h L S6	80,91 oct.Port lgts on req.
(NG) FARGO-HECTOR → (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91 oct;100 oct,JP-1 Army.
(P) GRAND FORKS	2.6 WNW,RR S, E	837	49h R1 L5 S6	80,91 oct.ARPT OF ENTRY
Harvey	1.9 N,RR SW	1605	27 S1	80 oct.
Homestead(Wyndmere)	6.2 N,hwy W	1100	16 S1	80 oct.Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	24 S1	80 oct.P-line N,NW.
Lisbon	0.8 SSW,RR SE	1151	21 S1	73 oct.Polelines N,S.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S6	80 oct.No sto.Poles NE,NW
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct. W,SW,NW
New Rockford	1.5 N; RRW	1533	32 S6	80 oct.No sto.P-lines E,
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct. ARPT. OF ENTRY
Rolla	0.7 N,lake S		21 S2	80 oct.Data unver.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct.Poleline N;pwrline E.
(P) Valley City, 71,HL-Twin Cities	1.5 NW,riv NE	1375	38h L1	
[redacted]				
(P) Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct.Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
→ Eureka (NC)	6 N, rd W			ABANDONED
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct.Poles sur fld.
→ Hofer-Kannegieter (Willow Lake)	1.5 E	1787	22	Poleline N.Use strips only.
Madison	3.7 ENE,hwyS	1688	26 S2	80 oct.Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
(P) W.W.HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.
NEW AIRPORTS				
Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct..Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct Pwr line SE,NNE.
Britton Mun.,(S.D.)	2 NNE;RR W	1350	24 S1	73 oct.Poles W.
→ Twin Valley Farm	1 W	1050	24 S1	80 oct, (Minn.)
→ Maddock, (N.D.)	1 N;hwy W	1650	23	Rough.
→ Roseau (Minn.)	1.6 NW;hwy S	1040	35 S1	80 oct.Pwr line N,W,NW.
→ Lake Benton, (Minn.)	7 NNW	1759	20 S1	80 oct.
→ Glenwood, (Minn.)	3.2 E;hwy N	1400	26 S1	80 oct.Allway fld.N,NE,
→ Smitty Sky Ranch,	6.5 NNW	1817	22 S1	73 oct. (Minn.) NW blkd.
→ Bell (Devils Lake,N.D.)	2 SSE;	1478	30 S6	80 oct.
→ Erskine-Gunther (Erskine,Minn.)	2 ENE;lake S	1150	23 S1	80 oct.P-line ENE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII). NC-(not charted). → NEW OR REVISED DATA.

RADIO

MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DULUTH (Williamson-Johnson)	221 (DH)	SBRAZ-DT, 13°,3.9	(4)
HAMEL FM	(- - - -)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 118°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 238°, 26	Minneapolis
MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-DTV	(3):116.1
WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (118.3) +	AC(ILS):298°3.6	(4);122.5,126,18,118.3

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WOLD CHAMBERLAIN	109.9 ·—··	333.8	354°	IM-	MM- ·—·— (0.76)	OM- —·— (4.7)
					MMH-201 ·—··	OMH-219 ——

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet. Poles S.

MINNESOTA

	AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
	Anderson (Cocato)	2.6 ENE,RR S	1020	23 S1	80 oct. Poles S; trees W.
	Anoka Flying Service	1.2 SE,riv SW	896	19 S4	80,91 oct. Poles NE;629' twr SE.
	Baudette	0.8 NW;riv N	1080	27 S4	80 oct. No sto. ARPT OF ENTRY
(P)	Bemidji	3.8 NW;hwy S	1395	57h S6	80, 91 oct.
	Brainerd	1.3 SSE,hwy W	1210	25 S6	80 oct.
(A)	Camp Ripley (Little Falls)	7.5 N, riv E	1149	70	Water twrs SE. (A)
(P)	Carleton (Stanton)	0.7 NE,RR W	870	30 S6	80 oct. Flares on req. Obst sur fld.
➔	Cedar (Minneapolis)	8.5 S, RR W			ABANDONED
	Coleraine	0.8 SSE;lake SE	1390	25 S4	80 oct.
	Ely	1.2 E	1425	24	Trees sur fld. Not Maintained.
	Faribault	1.6 S,hwy W	1060	20 S1	80 oct. Pwr line W.
(N)	Fleming (South St. Paul)	1.8 S;riv NE	822	15h S6	80 oct. No sto. Flares on prior req. Rdo rprs.
	Flying Cloud (Minneapolis)	13.8 SW, riv S	900	30 S6	80 oct. P-line S,NE.
	Gervais (Tofte)	1.2 NE,hwy S	800	28 S5	80 oct.
	Grand Rapids	1.5 SSE,lake NE	1293	22 S2	80 oct.
	Hector	0.7 S, RR N	1100	25 S1	80 oct. Poleline W, NW, SW.
	Heywood Gull Lake (Nisswa)	1.7 SSW,lake S	1200	18 S2	80,91 oct.
(P)	Hibbing	4.5 SE	1367	40h L4 S6	80,91 oct. Lgts on req.
	Kenyon	0.8 S;RR E,N	1240	20 S1	80 oct. Poleline N, NE.
(P)	Lake City (Frontenac)	0.5 SE,RR N	775	44 L3 S6	80 oct.
	Le Sueur	1.1 S,riv W	900	24 S4	80 oct. No sto. Rolling.
	Litchfield	1.2 NE;hwy N,W	1140	24 S2	80 oct.
	Littlefork	1.8 WNW,riv E	1153	19 S2	80 oct. Poleline S.
	Mankato	1.7 SE,hwy W	996	33 L1 S6	80 oct. Pwrline E, NE.
(P)	Monticello	1.3 NNE,road S	940	50 S6	80 oct.
(P)	New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
	Northport (White Bear Lake)	3.2 E;lake W	1000	22 S6	80,91 oct.
	Osseo	2 NE	875	30	Data not verified.
(P)	Otis Lodge (Grand Rapids)	7.5 SW,lake S	1293	26 L1 S4	80 oct. Seaplane base S.
➔	Pleasant Corners (Dodge Center)	2 ESE;RR N,W	1050	13 S1	80 oct. Poles S, W blocked.
	Princeton	1 W, RR E		20 S1	80 oct. Data not verified.
	Robbinsdale	0.8 NW,RR E	879	14 S6	80 oct. Obsts N, S.
➔	(NG) St. Paul	1.5 SE,riv E,N	704	55h L4 S6	80,91 oct.
	St. Peter	2.4 NNW,riv E	900	20 S4	80 oct. No sto. P-line S
	Sells Flying Field (Mayer)	0.4 SSE	750	12	(NC)
	Taylor Falls	1.5 W;riv E	950	23 S6	80 oct.
	University of Minnesota (New Brighton)	3.8 N, hwy W	909	34 S6	80 oct. Trees E.
	Victory (Minneapolis)	9 N, riv E	860	39 S6	80,91 oct. P-line SW

MINNESOTA

	AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
	Virginia	2 WSW,bet RRs	1429	35 S4	80,91 oct. P-line N.
	Waseca	0.5 S,RR NW	1150	39 S2	80 oct. Poleline N.
(P)	Whitney Memorial (St. Cloud)	1.5 NNW;riv E,N	1034	35 L3 S6	73,80 oct.
(P)	WILLIAMSON-JOHNSON (Duluth)	6.5 NNW,hwy S	1428	57h R1 S6	80,91 oct. Closed ngts. except airlines ARPT OF ENTRY
➔	Winona	4.5 WNW	670	24 L3 S6	80,91 oct. Hwy NW.
(A,N)	WOLD CHAMBERLAIN (Minneapolis)	6.5 SSE,hwy S	834	59h R3 L4 S6	80-100 oct. JP-1. Rdo rec required. N blkd. Ltd maint facs for mil acft-
➔	Wyman (Aitkin)	1.3 N,riv S			ABANDOND Open to all acft.

WISCONSIN

	AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
	Amery	3.4 NNW;lk SW	1100	26 S6	80,91 oct. SE blocked.
	Arrowhead (Rice Lake)	1.3 SE,lake SE	1147	24 S4	80 oct. Trees SE. Data unverified.
	Ashland	2.5 SSE,RR E	700	19 S2	80 oct. Use strips only.
	Boyceville	0.5 E;RR N	948	21 S2	80 oct. P-line W,N,NE. Use strips only.
	Boyd's Mason Lake (Fifield) (NC)	13 WSW,lake NW	1200	30 S1	80 oct. N,E,W blkd.
	Chetek	1.5 SE,lake E	1050	22 S2	80 oct. P-line S,SE. Use strips only.
	Chippewa Falls	2 S,RR NW	910	26 S6	80 oct. P-line SW,W. NW,S blkd.
➔	Colby-Abbotsford (Colby)	1.2 NNW,RR E	1400	26 S4	80 oct. P-line NNE. Rnwy data unver.
	Dallas	0.7 SSE,RR W	1100	26 S2	80 oct. S blkd.
➔	Eau Claire	1.5 SSE,hwy N.	884	31 S6	80,91 oct. Obsts sur fld.
(P)	Eau Claire Municipal	3.5 NNE,riv NW	885	43h	Trees SW.
(P)	Hayward	2 NE,RR NW	1200	30 S4	80,91 oct.
	Hudson Flying Service	3.8 E,hwy N,W	850	18 S1	80 oct. P-line NE,SW. Use with caution.
	Jackson Co. (Black River Falls)	2 E, RR W	855	28 S6	80 oct. P-line W,NW,SW.
	Marshfield	2.3 SSW,RR NE	1253	26 S6	80 oct. Flare pots in emerg.
	Neilsville Memorial	5.7 W,hwy SW	1000	24 S1	80 oct. Trees around fld.
(P)	Phillips	1.2 N,riv S	1140	30	Poleline W,SW
	Pines (Bloomer)	0.9 E,RR W	1050	16 S2	80 oct. Poles S, W. Rough.
	Price Lake (Phillips)	12.5 WNW	1140	22 S1	80,91 oct. Trees on all but lake appch.
	Rice Lake	3.5 NNE,RR W	1150	37 S4	80 oct. Poles sur fld.
(P)	Richard Bong (Superior)	2.3 S;RR E	674	33 S6	80 oct. Pole line SE. 353' twr NW.
	Rusk County (Ladysmith)	2.8 SE, RR SE	1150	25 S2	80 oct. Use strips only.
(P)	Schlosser (Durand)	2.4 NNW,riv W	800	32 S2	80 oct. P-line NE.
	Spooner	5 N	1072	20 S1	80 oct. Data not verified.
	Taylor County (Medford)	2 SE;riv NW	1400	21 L S1	80 oct. Pole line N; Flares on req.
➔	Veterans (Menomonie)	0.4 W,riv W			ABANDONED.

NEW AIRPORTS

	Owatonna (Minn.)	2.9 NW;hwy E	1143	23 S6	80 oct.
(P)	INTERNATIONAL FALLS, (Minn.)	2.2 S	1175	30h S4	80 oct. No sto.
	Aitken Mun. (Minn.)	1.7 ENE;riv W	1208	26 S1	80 oct.
➔	Bemidji-Port-O-Wilds (Turtle River, Minn.)	1.2 NW;lake W	1350	23 S1	80 oct. P-line NE. Use strips only.
➔	Red Wing (Minn)	2.5 NE;hwy N,W	790	21 S1	80 oct. Strip rolling.
➔	Sky Harbor Lodge (Pine River, Minn)	1 NE;lake NW	1340	26 S1	80 oct. P-line N,S,W. Trees E.
➔	Staples (Minn)	1.5 NNW	1298	32 S1	80 oct. Use strips only.
➔	Grantsburg (Wisc)	1.5 NNE;riv S	870	13 S2	80 oct. Trees NE,SW. Use strips.
➔	Rainbow (Winter, Wisc)	4.2 WSW;riv S	1265	19 S1	80 oct. W approach hazardous.
➔	Miller (Garrison, Minn)	1.4 N	1264	22 S1	80 oct.
➔	Barron, (Wisc.)	1.1 ENE;riv W	966	26 S2	80 oct. E blkd. P-line W.
➔	Cumberland, (Wisc.)	3 SE;lake NE		26 S4	80 oct. No sto. N,S blkd.
➔	Hultquist's Sky Ranch (Minong, Wisc.)	1.9 W;lake W	1180	13 S4	80,91 oct. No sto. Trees S,N.
➔	Bleick (Fairfax, Minn)	2.5 N	1050	18 S1	80 oct. P-line E.
➔	Hutchinson, (Minn)	2.5 SSE	1052	28 S1	80 oct.
➔	Crosby (Minn)	0.5 NE	1266	25 S1	80 oct. P-line SSE.
➔	Todd (Brainerd, Minn)	1.5 NW;riv SE	1250	26 S1	80 oct.
➔	Kentoby (Annandale, Minn)	1 E	1066	24 S2	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). ➔ NEW OR REVISED DATA.

4 MINNEAPOLIS

(R): EXTREMELY HAZARDOUS (O): USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF MAINE INDICATE U.S. BOUNDARIES.

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

BAUDETTE O
INTERNATIONAL FALLS O
CAN MINN
O LITTLE FORK
O ELY
GERVAIS O
PORT WILLIAMS
CANAL
171
O Bemidji-Port-O-Wilds
O BEMIDJI
O VIRGINIA
O HIBBING
O COLERAINE
GRAND RAPIDS O
O OTIS LODGE
193
WILLIAMSON-JOHNSON
89
169
269
O Sky Harbor Lodge
DULUTH 221
RICHARD BONG
ASHLAND O
WISC. MICH.
GOGEBIC CO. O
FARGO 11
CROSBY
O AITKIN MUN.
HEYWOOD O
O Staples
TODD
BRAINERD
O MILLER
WISC. MINN.
CAMP RIPLEY
O HULTQUIST'S
O BAYWARD
+ SPOONER
Rainbow O
BOYD'S
PRICE LAKE +
PHILLIPS
Crosslake
ALEXANDRIA 239
WHITNEY MEM.
+ PRINCETON
ARROWHEAD
RICE LAKE
RUSK CO.
SAULT STE. MARIE 15
300
137
LITCHFIELD
98
MONTICELLO
ANOKA
KENTOBY
118
VICTORY
TAYLOR FALLS
AMERY
U. OF MINN.
CUMBERLAND
BARRON
CHETEK
DALLAS
PINES
TAYLOR CO. O
ANDERSON
RED 97
MINNEAPOLIS 266 (116.7)
BOYCEVILLE
264
HAMEL
24
WILLMAR 254
ROBBINSDALE
NORTHPORT
ST. PAUL
FLEMING
HASTINGS
CHIPPEWA FALLS
EAU CLAIRE MUN.
COLBY-ABBOTSFORD
EAU CLAIRE
HUTCHINSON O
WOLD-CHAMBERLAIN 278 (112.3, 126.1R)
HECTOR O
Red Wing
LAKE CITY
SCHLOSSER
MARSHFIELD
BLEICH
FLYING CLOUD
JORDAN
58
298
WELLSVILLE O
SIOUX FALLS 245
234
CARLETON
ROCHESTER 236
170
JACKSON CO.
O NEW ULM
O ST. PETER
FAIRBAULT
KENYON
WINONA
120
LA CROSSE 371
236
MANKATO
WASECA
O OWATONNA
PLEASANT CORNERS
WISC. 2 D.A.
CHART 29

SAULT STE. MARIE 15

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓒ: EXTREMELY HAZARDOUS
Ⓘ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

SAULT STE. MARIE
356
(116.1)

PELLSTON
209

TRAVERSE CITY
365
(116.1)

CADILLAC
269
On request

GLADWIN
257
On request

MILWAUKEE 31 | DETROIT 33

MINNEAPOLIS 14

CHICAGO

CHICAGO DETROIT

CAN. MICH.

MICH. WIS.

HOUGHTON CO.
ISLE ROYALE SANDS
MARQUETTE CO.
LUCE CO.
MACKINAC CO.
EMMET CO.
PRESQUE ISLE CO.
MENOMINEE CO.
ESCANABA
MANISTEE-BLACKER
MASON CO.
OCEANA
MUSKEGON
OTTAWA
KENT
IONIA
CLINTON
SHIAWASSEE
GENESEE
LAPEER
SANILAC
HURON
TUSCOLA
BAY
MIDLAND
GLADWIN
ARENAC
IOSCO
ALCONA
ALPENA
MONTMORENCY
OTSEGO
CHEBOYGAN
CRAWFORD
OSCODA

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CADILLAC (Int.L	269(KK)	MHT.	(4)
GLADWIN	257 (GU)	MHT	(4)
PELLSTON (Emmet County)	209(PJ)	MHT	(4) (6-22)
SAULT STE. MARIE	356 (VC)(116.1)	SBMRAZ-DTV,317°,2.2	(4); 116.1
TRAVERSE CITY	365 (TG)(116.1)	SBMRAZ-DTV,319°,2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE	(PLUS COMPASS LOCATORS)	
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alger County (Munising) (NC)	4 SSE,hwy E	850	26	Twr N; woods all sides.
Alpena	See Phelps Collins under "New Airports" - name changed.			
Amasa (NC)	4 NW	1560	14	Not maintained.
Atlanta	0.8 ESE	875	22 S2	80 oct.Trees N,NW,W.
Au Gres (NC)	0.9 NNW,hwy S	590	20 S1	80 oct. Poles SW. NW blkd.
Baldwin	1.3 SSE,RR W	835	23 S2	80 oct.Trees NE.
(P) Beaver Island (St. James) (NC)	4.2 SSW	620	35	NW,SE blkd.
(P) Bellaire	1 NE,RR W,S	614	24 S1	80 oct.P-line E,SE.
Big Lake (Baraga) (NC)	7.3 SW, rd W	1100	20	Trees on all sides. Emerg use.
Blaney Park	0.5 NW;lake N	850	18 S1	80 P-line E
(P) Cadillac, 2S, TL-VC	2.5 NW,RR E	1297	34 R1 L3 S6	80 oct.
Calvin Campbell Mun.	0.8 SE;RR,hwy W	602	20 S1	80 oct. P-line N.(Indian River)
Calhoch (Beaverton)	0.8 SW;RR W	728	27 S2	80 oct.Poles SE,trees E,NW
Charlevoix	0.8 SW,lake NW	642	30 S2	80 oct. P-lines S,W,NW
D.A.R.(Rexton) (NC)	1.9 WSW:RR N	900	22	Poles N.
Doherty (Claro)	1 NE; hwy W	840	21 S1	80 oct, Rough, ctn.
(P) Dr. A. L. Haight (Crystal Falls)	1.3 ENE;lake E	1390	34 L1 S4	80 oct. Bldg SW,WNW.
East Jordan	1.9 SSE,riv W	640	26 S1	80 oct.P-line E,N;trees W
(P) EMMET CO. (Pellston)	0.6 NW,RR E	707	54h R1 L3 S2	80,91 oct. Lgts on req.P-line N,E
Escanaba	2 SSW,	594	26 S6	80,91 oct.Trees E.
Ford (Iron Mountain)	2.5 W,riv W	1140	23 S6	80,91,100 oct.
Frankfort	1.9 ESE	650	29 S2	73,80,91 oct.
(P) Gladwin	0.5 SSE,riv W	780	35 R1 L3 S2	80 oct.
(P) Grayling	1.3 NW,RR W	1152	50h	
Harrison (NC)	2.3 NNW,hwy E	1100	26 S2	80 oct.S blkd.Caution,rough.
Hillman	2.8 NW	995	23 S1	80 oct.Woods all sides.
Houghton Co. (Calumet)	2 SE,RR NE	1200	26 S4	80 oct. Twrs, poles W.NW blkd.
Houghton Lake (Houghton Heights)	1 W;lk NNE	1150	27 S2	80 oct.Pole NW,trees W,SSE,E. Rdo twr W,N lgtd.
Ishpeming-Dexter (NC)	7 W;RR N,S	1570	25	Poles N.
Isle Royale Sands (Houghton)	2 ESE;RR SW	605	26 S3	80 oct.
Kalkaska (NC)	0.5 WNW,RR E	1020	26	
(A) Kinross (A)	2.5 SE	780	55h	TMP INACT NO FACS
La Porte (West Branch)	6 SE,RR W	890	26 S2	80 oct.P-lineSW;treesNW,NE.Rough
Luce County (Newberry)	4.1 SE,hwy S	872	28 S1	80 oct.NW blkd.Poles SE, off strips
Mackinac Co. (St. Ignace)	2 NNW,hwy E	600	26 S2	80, 91 oct.
Mackinaw City (NC)	5 S,RR W	700	22	
Manistee-Blacker	4 ENE,riv S	613	23 S4	80 oct.
Marenisco (NC)	1.6 E,hwy N	1551	20	ENE,WSW blocked
Marquette County	7.9 W,hwy S	1412	27 S2	80 oct.
Mason County (Ludington)	1.7 ENE,hwys S	640	30 S1	80 oct.Poles S.

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Menominee County	5 NNE,bay E	590	27 S1	80 oct. Trees sur fld.
Mio (NC)	1.6 N,hwy W	1050	26	Emergy only.
Northland (Norway)	2 W	1060	33 S3	80,100 oct. Pole line N.
Norway Township (Loretto)	2.4 S,lake N	860	21	Trees on side strips. (NC)
Onaway (NC)	0.6 NNE,RR S	770	21	P-line SW,trees SE.
(A) Oscoda AAF (A)	3.5 NW,lake E	605	50h	
Otsego County (Gaylord) (NC)	1 SW;lake 1.5 S.	1384	40 S1	P-line E,NE.Trees N.
Pet-O-Se-Ga (Wildwood)	1.8 NW,lake NW	620	20 S2	80 oct.
Petoskey-Harbor Springs (Petoskey)	4.5 NE;bay W	620	24 S2	80 oct.P-line E,trees NW,SE.
Poschke's (Harbor Beach)(NC)	See Harbor Beach under "New Airports" - name changed.			
Presque Isle (Rogers City)	0.7 SSE,hwy E	658	26 S2	80 oct
Prickett-Grooms (Saginaw)	0.5 N,RR S	1300	18 S1	80 oct.Use caution.Bldgs SE,SW.
(A) Raco AAF (A)	4.5 WSW;RR N	910	55h	TMP INACT NO FACS
Roscommon (NC)	2.5 SE,RR NE	1100	42	Pole line S.
Roscommon Co.(Prudenville)	4.5 N,riv E	1150	26 S1	80 oct.Trees sur fld. (NC)
St. Helens	0.9 SE,RR NE	1153	26	
(P) Sault Ste. Marie	1 SSW,riv N	706	36 R1 L3 S4	80,91 oct.All lgts prior req.ARPT OF ENTRY.P-line E,S.Trees W.
Scheidler (Alpena)	6.3 N,hwy NW	590	22 S4	80 oct.P-line NE,N,SW. NW,N.
(P) Schoolcraft Co.(Manistique)	3.3 ENE,lake S	678	31	Approaches 5:1. (NC)
Sky Harbor (Gaylord)	1 WNW,RR E	1355	26 S1	73,80 oct.Pole line S.
Steuben (Manistique) (NC)	20 NW	850	18	Woods all sides.
Timbers Sky Camp (South Branch)	0.2 NE,riv E	950	24 S1	80 oct.
(P) Traverse City	2.1 SE,RR NE	624	52h R1 L5 S6	80,100 oct.
Watersmeet (NC)	1.2 NNE;RR SSE	1581	22	Poles SE.Emerg only-rough.

WISCONSIN

Alexander (Wausau)	2.5 S,riv SW	1191	27 L4 S4	80,91 oct. Lgts prior req.
(P) Antigo	2 ENE,hwy N	1483	33 S4	80, 91 oct. Flare pots avail.
Arbor-Vitae (NC)	2.9 W,RR S	1600	22	Pole line E, N.
Boulder Junction	1.5 NW		38 S1	80,91 oct.Data unverified.
Brown County (Green Bay)	2.2 WSW,hwy SE	590	28 S6	80 oct. E,ESE,SE blkd.
Chaplin Arpk (Plymouth)	0.5 N,RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay)	2 WNW,	590	40 S2	80 oct.Pole line W,S. Bldgs N.
(P) CLINTONVILLE	1 ESE,RR SW	828	34 S6	91,80 oct.NNW blkd.Pwr line NE,SW, W
Eagle River (NC)	1.3 NW,riv NW	1675	26 S1	80,91 oct. P-line E
East Side (Green Bay)	1.8 SE,RR S	600	19 S1	80 oct. Pwr line N,NE,NW.
Fond du Lac	2.6 ENE,hwy S	769	26 S4	80,91 oct.P-line N,NE,NW.SE blkd.
Ginnow (Omro)	3 N, hwy E	800	19 S2	80 oct. Trees SW. Rough
King's Gateway (Land O' Lakes)	0.5 SSE,RR W	1736	44 S2	80,91,100 oct.P-line SE,SW,NW;
(P) Kohler	1 N,hwy S	647	30 L1 S6	80,91 oct. SE blkd. Twr NE.
Manitowoc	1.6 NNW,RR W	653	26 L3 S6	80,91 oct.P-line W,SW,SSE.Bndry
Merrill	1.2 NNW,RR E	1285	22 L1 S2	80 oct.Use strips only. lgts inop.
Nepco Tri City (Wisconsin Rapids)	2.5 SSW, riv 1 W	950	35 L2 S6	80,91 oct.Lgts prior req.
Nicolet (De Pere)	1.5 S,RR E	620	22 S4	80 oct.Pole line E,W.Data unver.
(P) Northern Lakes (Manitowish)	6.8 E, hwy NE	1600	28 S4	80 oct. Trees E,W.
Oconto Falls	2.7 ENE,RR S	600	20 S2	80 oct. Pole line N.
Outagamie Co.(Appleton)	2.2 ENE,RR S	750	29 S6	80,91 oct.P-line NW.
(P) Rhinelander	2 W;riv 1 SE	1598	37 S4	80,91 oct.No sto.Trees NW.
Shawano	2.3 ENE,lk NE	813	40 L S6	80,91 oct.Poles SW.Rnwy data unver
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver. Lgts prior req.
(P) Stevens Point	3 NE, hwy W	1090	40h S6	80,91 oct.
Three Lakes	0.5 S	1664	14 S1	Fuel.Rough.Obst sur fld.
Tomahawk (NC)	0.5 WNW;riv N	1450	15	Obsts sur fld.Emerg use.
Valley Airways (Neenah)	4 SSW,RR E	750	21 S2	80 oct.P-line E. Data unver.
Washington Island (NC)	0.6 NNE of Detroit Harbor	600	24	
Waupaca	4 ESE, hwy S	853	29 S2	80 oct.P-line S,SW
(P) Winnebago Co. (Oshkosh)	2 SSW,RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE,N,W.
Wisconsin Valley Inc.(Wausau)	7 S		34 S2	83 oct.Data unver. Rnwy data unver.

NEW AIRPORTS

(P) Masons (Grayling,Mich)	12 ESE;riv 2 N.	1000	40 S1	91 oct.
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.
Kubiak's (Pulaski,Wisc.)(Mich)	1.2 E	781	26 S4	Data unver. Flood lgts prior req.
Harbor Beach (Harbor Beach)	2.5 W;rd S	670	20 L S2	80 oct.P-line NE/SE.
Brevort (Mich.)	1.2 NW;hwy S	620		Emerg. only.Trees E,W.
Waters (Mich.)	0.6 N;hwy W		25 S1	80 oct.P-line NW.Woods sur fld.
Evart (Mich.)	1 WSW;RR S	1035	24 S1	80 oct.P-line N,S.
Phelps Collins (Alpena,Mich)	6.5 WNW;riv adj	685	50h L5 S4	80 oct.No bcn,bndry lgts.Lgts prior req.

h-hard surfaced runways. R-radio facilities. l-lighting facilities. S-servicing. (See page XIII) NC (not charted). ➤ NEW OR REVISED DATA

RADIO

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA	221(AW)(116.1)	BMRLZ-DTV;81°,2	(4); 116.1
BANGOR (Dow)	239(BB)(116.1)	SBRAZ-DTV;172°,2.1	(4);116.1
DOW (Bangor)	278 (126.18)+	CA (ILS-W)	(3);126.18,118.7
EAST CORINTH FM	(- - - -)	FM, 352°, 13.5	Bangor.
HOULTON	272(HJ)	MRLWZ;195°,3.1	
LIMESTONE FM	(-)	FM, 57°, 22.3	Presque Isle
MILLINOCKET	344(MT)(116.1)	SBRAZ-DTV;292°,1.6	(4); 116.1
PRESQUE ISLE	388 (ZQ)	SBRAZ-DT;189°,3.4	(4)
Presque Isle AAF	278 (126.18)	AC(ILS-W)	(4);118.7,122.5,116.1,126.18
Presque Isle AAF	365 (RU)	SBMLZ; 9°, 3.8	(4)

NEW YORK

MASSENA	108.7(ME)	VARW	

VERMONT

BURLINGTON	323(JG)(116.1)	SBRAZ-DTV	(3); 116.1
Burlington Airport	278(126.18).	C; 151°,2.8	(4);122.5,126.18
GRANDE ISLE FM	(- - - -)	FM, 349°, 15	Burlington
HUNTINGTON FM	(- -)	FM, 151°, 17	Burlington
MONTPELIER (Barre-Montpelier)	257 (UV)	MRLWZ;230°,2.8	
VERGENNES FM	(- - -)	FM, 210°, 25.4	Burlington

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
DOW (L6)	109.9		153°	IM- (0.06)	MM- ·-·- (0.81)	OM- -- (4.60)
					MMK-	OMK-
PRESQUE ISLE AAF	109.9		8°	IM- (0.06)	MM- ·-·-·- (0.85)	OM- --(4.47)
					MMH- 201	OMK- 219
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical **Numbers in** Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
AUGUSTA	1.5 WNW,hwy S	354	34h R1 L5 S6	80,91 oct. Fld lgts prior req.
Andover (NC)	2.5 S,hwy E	675	14	1125' hill, pole E.
Bar Harbor	9 NW,hwy W	87	45h S6	80 oct.
Bethel	1.6 NW,RR E	660	20 S1	80 oct.
Belfast	1 SW,hwy E	160	40h S4	80 oct. No sto.
Bishop (LaGrange)	0.8 N,RR W	360	20	WSW,ENE blocked.
Caribou	1 NW,hwy E	623	35h S6	80 oct.No sto.Bldg E.ARPT OF
Deblois Flight Strip	2 SE,riv W,N	219	40h	CLOSED ENTRY.
(P) Dexter	3 ESE,rd W,S	485	30h S2	80 oct.
Doanes (Brewer)	1.6 S,RR W	100	15 S5	80 oct. Poles NNE; trees SE.
(A) DOW (Bangor)(A)	2 W,RR S	160	70h R3(L6)S4	100 oct.
Eastport	1.5 WNW,hwy NE	70	28h S1	80 oct. Pole line NW.
Fryeburg Arpk	1.3 E,RR S	400	20 S2	80 oct. Pole line S.
Greenlaw (Auburn)	1.8 W,hwy S	238	14 S6	80 oct. Bldg S.
Greenville	2 ENE	1750	30h L3 S1	80 oct.
Guertin (Lewiston)	1 NE	220	12 S2	87 oct. Trees, poles SSW.
(P) HOULTON	2.5 E	493	57h L5 S6	80 oct.
(P) LEWISTON-AUBURN (Auburn)	4.5 SW,RR W	290	45h L5 S4	80,91 oct.
Maheux (Minot)	3.5 NNW,hwy NE	720	21 S6	80 oct. Trees SSE.
Millinocket	0.5 SE,hwy W	404	50h R1 L5 S1	91 oct. Fld lgts prior req.
Newport	1.5 ESE,hwy N	280	21 S1	Ltd 80 oct. Pole line N.
Norridgewock	3.7 W,riv NE,W	270	40h	Trees ENE.
Norway	1 N,RR S	387	18 S1	80 oct, Pole line SE.
Old Town	1.8 NNW,riv N	109	40h L3 S5	80 oct,
Pittsfield	0.7 SSE,hwy E	190	40h S6	80 oct, Sand pile, bldg E.
Pittston	1.8 ENE,RR W	140	18	NW,SW,S blocked.
(A) PRESQUE ISLE AAF (A)	1.5 WNW,RR E	529	68h R3 L6 S4	91,100 oct.No sto.ARPT OF
Princeton	1.5 SSE,hwy NE	250	40h	ENTRY

h-hard surfaced [illegible] R-radio facilities [illegible] See [illegible] chart [illegible]

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Rangeley	1.6 NNW,hwy S	1810	15	
Raymond's (Phillips)	0.8 S,riv E	556	20 S1	80 oct, Rnwy info. unver.
Rockland	3 SSE,rd NE	49	45h L5 S6	80,91 oct. No sto.
Rollins (Turner)	2.5 NNW,rd E	335	20 S6	80 oct.
Roy L.Fernald (Winterport)	3 WNW,hwy S	182	40h L3 S1	80 oct. Lgts prior req.
Tomlinson (Skowhegan)	1 NNE,riv S	240	21 S6	80 oct. Poles S,NW.
Waterville	1.8 SW,riv E	303	40h L5 S6	80,91 oct.Fld lgts prior req.
Weston (Madison) (NC)	1 N,riv W	300	19	Poles WSW.Use in emerg.

NEW HAMPSHIRE

Berlin	7.5 N,riv W	1140	52h S3	80,91 oct, No sto.
Dean Memorial (Haverhill)	4.1 NE,RR W	570	18 S1	80 oct. Trees N,NW.Rnwy data unver.
Lancaster Arpk.	0.3 N,riv W			ABANDONED.
Lewis (Littleton)	2.5 E,RR S	900	18 S6	80 oct, No sto.
Twin Mountain	0.8 SW,RR N	1430	18 S1	80 oct.
Whitefield	3 ESE,RR N	1050'	24 S1	73 oct.
White Mountain (No.Conway)	1.9 SSE	495'	20 S4	80 oct. Trees W, NW.

NEW YORK

Bradley (Watertown) (NC)	2.2 N,RR E,W	435	18	Rough. Pole line W,SW.
Damon (Potsdam)	1.5 E;hwy S	460	20 S1	80 oct,P-line N. Strips rough at
Keeseville	1.4 S;riv WNW	490	20	Pole W. ends.
Lake Placid	2 SE,RR NW	1750	21 S1	80 oct.
(P) Malone-Dufort	2 W,RR N	790	40h S1	80 oct. ARPT OF ENTRY.
Marcy (Keene) (NC)	2.5 S,hwy E	1000	18	Mtn N,S.
(P) Massena	2.2 E,riv SE	200	40h L1 S6	80 oct.Bcn on req.Trees WSW ARPT OF ENTRY.
(P) Ogdensburg	1.5 SE,RR W	285	30 S6	80 oct. ARPT OF ENTRY.
(P) Plattsburg, mun.	3.4 WSW,riv W	375	50h L5 S1	80, 91 oct.
(P) Saranac Lake	5.3 NW,RR NW	1655	40h L2 S4	80 oct.No sto.Lgts prior req.
Stewart (Massena)	2.1 SE,RR NE	210	20	
Tupper Lake (NC)	1 E;riv SE	1680	14	Use strips only.P-line W.Rough.
Westport	2 S,RR W	285	22 S2	80 oct.

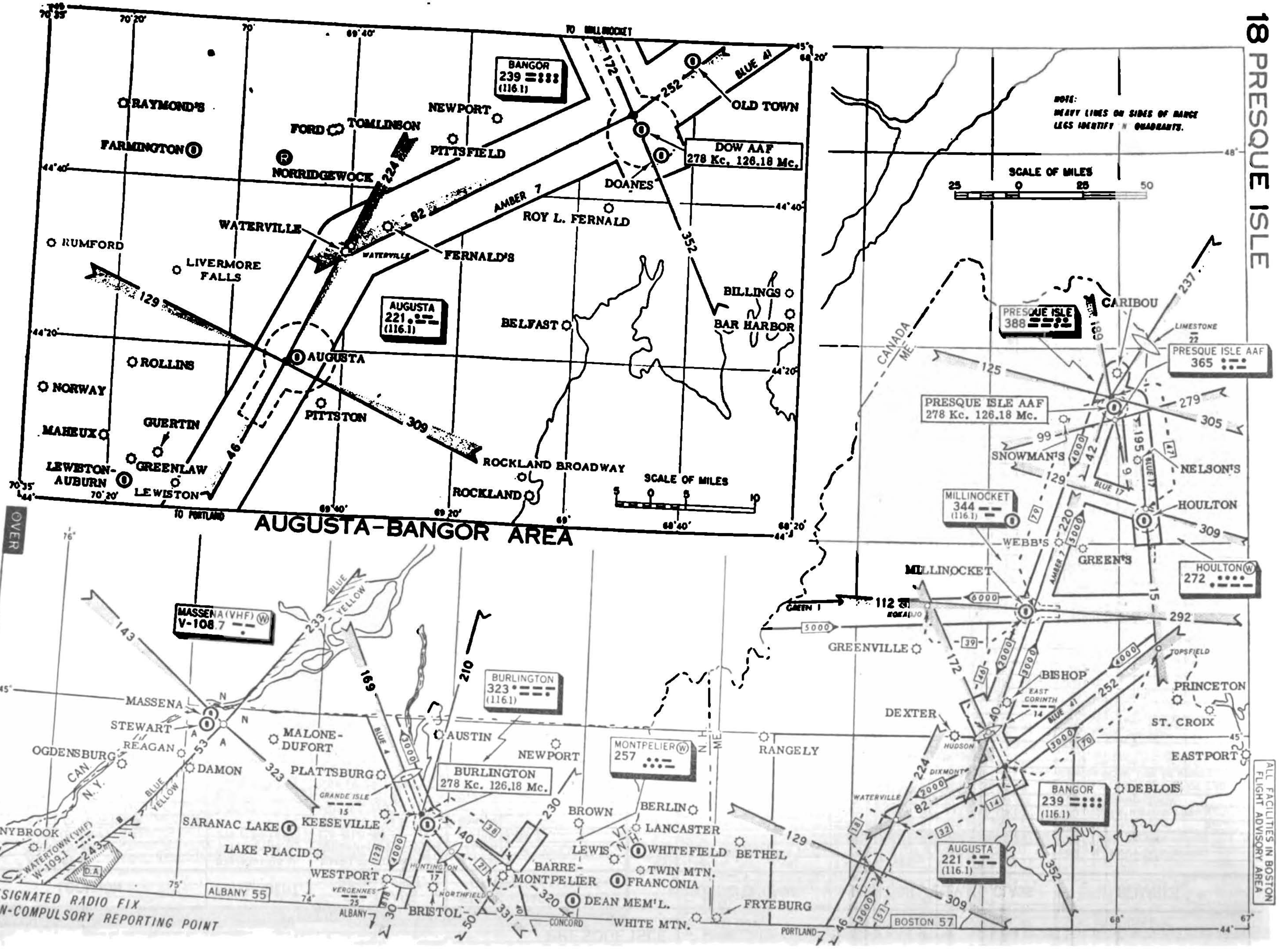
[redacted]

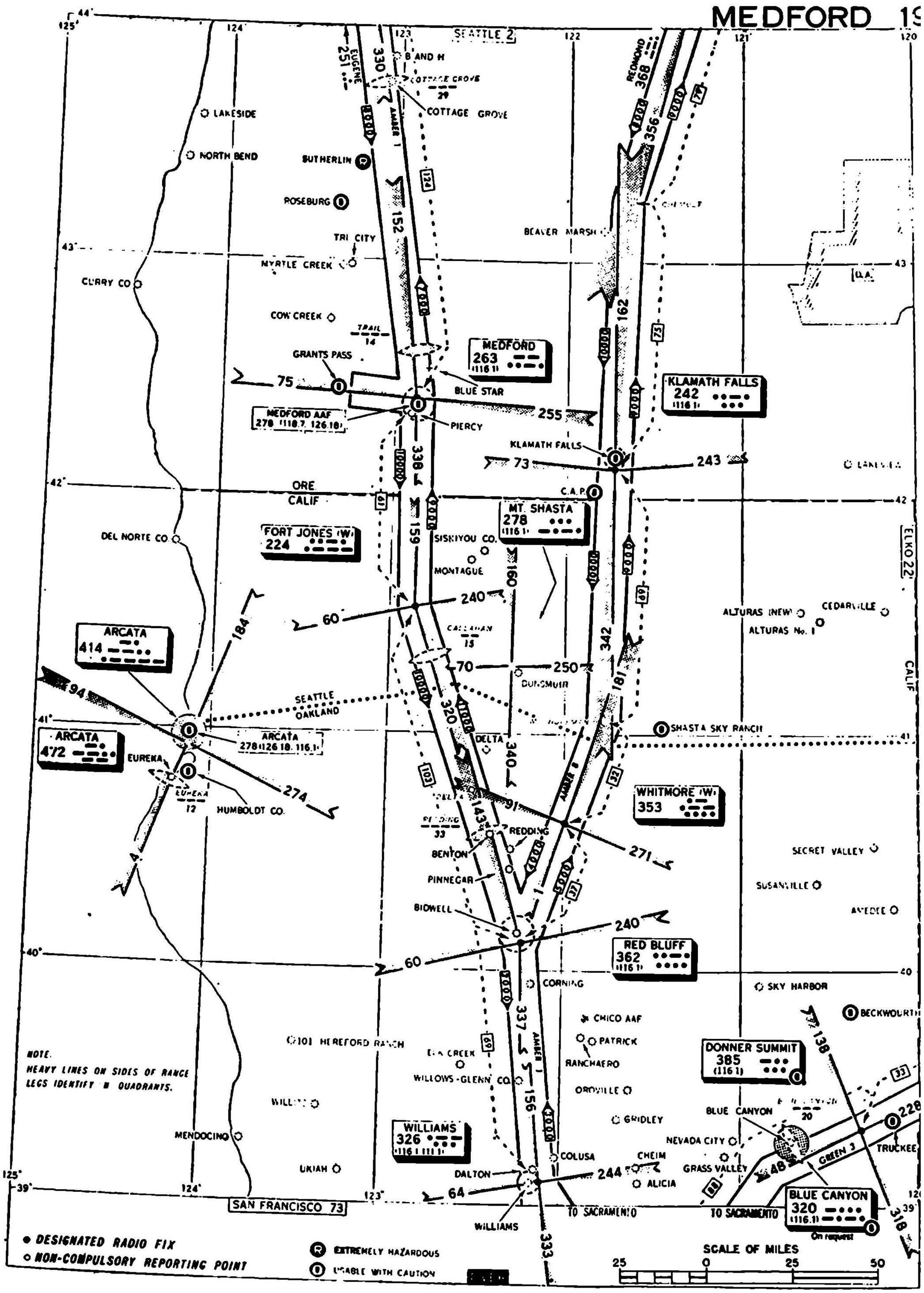
Austin (Swanton)	1.7 NE,RR W	235	30 L S6	80 oct.No sto.Port rnwy lgts. ARPT OF ENTRY.
BARRE-MONTPELIER(Berlin)	0.8 SE	1149	40h L5 S2	80,91 oct.
Bristol	0.7 W,riv SE	570	22 L S6	80 oct.Port rnwy lgts.1680' mtn
(NG)BURLINGTON	3 E,lake N	334	43h R2 L5 S6	80,91 oct. ARPT OF ENTRY. SE.
Newport	3 SSW,RR E	930	40h L2 S1	Ltd 80 oct.All lgts prior req.

NEW AIRPORTS

Farmington Arpk, (Me.)	4.5 N;rd W	430	17 S6	80 oct. No sto.
Fernald's (Benton,Me.)	0.6 WNW;hwy S	120	18 S6	80 oct.No sto.WNW blkd.
Ford (Skowhegan,Me.)	1 NNW	230	15 S2	80 oct.Bluff SW.Fairground S
Franconia Arpk, (N.H.)	2 SE		20	
Brown (St.Johnsbury,Vt.)	5.2 N;RR E	807	23 S2	80 oct.Hills W,SW.
Billings Arpk (Ellsworth,Me)	4 SSE;hwy S,E	85	18 S1	80 oct. Trees NW, SE
Green's (Island Falls, Me)	2.3 SSW	710	13 S1	80 oct. P-line, trees S,N
Nelson's (Bridgewater, Me)	0.7 NW	450	8 S4	80 oct. No sto.
Snowman's (Ashland, Me)	1.2 NW;riv E	540	17 S1	80 oct.
Lancaster Arpk (N.H.)	1.3 W;riv N	850	21 S1	80 oct.
Lewiston (Me)	5 SE;RR SE	190	6 S4	80 oct,No sto,NNE blkd.
Livermore Falls (Me)	1.3 SE;riv W	300	10	
Rumford (Me)	2 SSE;riv NW	615	22 L S4	80 oct,No sto,Wires,Trees NW
St Croix (Baring,Me)	0.5 E;hwy N	95	19 S1	80,91 oct.NNW blkd,Flares on req.
Webb's Fld (Patten,Me) Me)	1 NNW;hwy E	650	14 S4	80 oct.No sto.
Rockland Broadway (Rockland,	0.8 SSW	60	19 S4	80 oct.
Reagan Fld (Norwood,N.Y.)	1.8 WSW;riv E	330	18 S1	80 oct.
Sunnybrook Fld (Clayton,N.Y.)	3.4 S;hwy E	390	18 S1	80 oct.ESE blkd.

AUGUSTA-BANGOR AREA




MEDFORD 19
SEATTLE 2
EUGENE
251
330
B AND H
COTTAGE GROVE
29
COTTAGE GROVE
AMBER 1
REDMOND
368
356
LAKESIDE
NORTH BEND
SUTHERLIN
ROSEBURG
TRI CITY
MYRTLE CREEK
CURRY CO
COW CREEK
TRAIL
14
152
124
BEAVER MARSH
162
73
MEDFORD
263
(116.1)
KLAMATH FALLS
242
(116.1)
GRANTS PASS
75
BLUE STAR
255
MEDFORD AAF
278 (118.7 126.1R)
PIERCY
338
KLAMATH FALLS
73
243
ORE
CALIF
C.A.P.
MT. SHASTA
278
(116.1)
FORT JONES (W)
224
DEL NORTE CO.
SISKIYOU CO.
MONTAGUE
159
160
240
60
ALTURAS (NEW)
CEDARVILLE
ALTURAS No. 1
ELKO 22
CALF
CALLAHAN
15
342
ARCATA
414
184
70
250
DUNSMUIR
181
94
SEATTLE
OAKLAND
320
DELTA
SHASTA SKY RANCH
ARCATA
278 (126.1R, 116.1)
ARCATA
472
EUREKA
EUREKA
12
HUMBOLDT CO.
274
340
103
WHITMORE (W)
353
91
REDDING
33
143
271
BENTON
PINNEGAR
SECRET VALLEY
SUSANVILLE
ANTELOPE
BIDWELL
240
60
RED BLUFF
362
(116.1)
CORNING
SKY HARBOR
BECKWOURTH
337
156
CHICO AAF
PATRICK
RANCHAERO
DONNER SUMMIT
385
(116.1)
101 HEREFORD RANCH
EL CENTRO
WILLOWS-GLENN CO.
ORDVILLE
GRIDLEY
BLUE CANYON
20
NEVADA CITY
WILLITS
MENDOCINO
WILLIAMS
326
(116.1 117.1)
UKIAH
COLUSA
CHEIM
GRASS VALLEY
TRUCKEE
DALTON
244
ALICIA
48
GREEN 3
BLUE CANYON
320
(116.1)
On request
64
SAN FRANCISCO 73
TO SACRAMENTO
TO SACRAMENTO
WILLIAMS
333
318
NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY IN QUADRANTS.
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R EXTREMELY HAZARDOUS
U USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCATA (UAL)	472 (NZM)	MRL;4°,3.0	(3)
Arcata Airport	278 (116.1,126.18)	CI (ILS-W)	(3) 116.1.126.18 (8-17)
Arcata (H fac) (UAL)	414 (NZ1)	H; 310°, .15	(4) Z marker 200' from SE end Rnwy 31.
BIDWELL (Red Bluff)			DF COMMISSIONED
BLUE CANYON	320 (BC) (116.1)	MHVT	(4):116.1
BLUE CANYON FM	(- - -)	FM, 228°, 19.5	Donner Summit
CALLAHAN FM	(- -)	FM, 140°, 15.1	Ft. Jones
DONNER SUMMIT	388 (DS) (116.1)	BMRL-DTV	(4):116.1
EUREKA FM	(- - -)	FM, 184°, 11.7	Arcata
FORT JONES	224 (FJ)	SRAWZ	
MT. SHASTA	278(SC)(116.1)	BMLZ-DTV, 116°,2.2	(4); 116.1
RED BLUFF (Bidwell)	362(FR)(116.1)	SBRAZ-DTV,323°,2.5	(4):116.1,122.1
REDDING FM	(- - - -)	FM, 323°, 33.2	Red Bluff
WHITMORE	353 (AWH)	MRLWZ	
WILLIAMS (Int.)	326(WS)(vhf)	SBMRAZ-DTV,244°, 2.2	(4);116.1,122.1
COTTAGE GROVE FM	(- - -)	FM, 150°, 29	Eugene
KLAMATH FALLS	242 (FS) (116.1)	SBRAZ-DTV;342°,2.7	(4); 116.1
MEDFORD	263(MF)(116.1)	SBRAZ-DTV	(3); 116.1
Medford AAF	278 (126.18,118.7)+	AC; 158°, 2.4	(4);126.18,118.7,122.5
TRAIL FM	(- - - -)	FM, 332°, 14	Medford

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ARCATA	109.5	332.6	312°	IM- (0.14)	MM- ····· (0.66)	OM- -- (4.5)
				IM-	MMH-	OMK- 404
				IM-	MM-	OM-
				IM-	MMK-	OMK-
				IM-	MM-	OM-
				IM-	MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alicia (Marysville)	3.2 SSE,RR W,E	63	60h L5 S6	80,91 oct.; 100 oct. on req.
(P) Alturas (new)	6.8 WNW,riv S	5034	63h	
Alturas #1	1 W,RR S	4391	28 S6	80 oct.
Amedee Flight Strip (Amedee)	4 SE,RR N	4007	70h	
Arcata	7.6 NNW	217	60h R3 L	Exten experimental lgting.
Ash Creek, USFS (McCloud)(NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE,NW.
Beckwourth	0.8 ENE,RR S	4900	28 S6	80,91 oct.
Benton Airpark (Redding)	1.1 WSW,riv E	719	25 L3 S4	80, 91 oct.
(N) BIDWELL (Red Bluff)	1.7 SSW,RR E	354	40h R1 L5 S4	80,91,100 oct.
* Blue Canyon Int,13,SF-SL	1.1 NNE,RR S	5280	34 R1 L3	Obsts N, E. RR E.
Cedarville	0.6 S,lake E	4260	26 S2	80 oct. Pwr line E.
Cheim (Marysville)	1.5 NE,hwy S	67	30 S6	80,91 oct. No sto. Levee N, NE.
Chester, USFS (NC)	1.5 SSW,RR N	4525	31	18' pole line W, Closed to Public
(P) Chico	5 N,rd E	237	67h	
Colusa	1.2 SW,RR W	47	29 S4	80 oct. Pole line NNW.
Corning	1.3 NE,RR W	300	30 L1 S2	80 oct.
Dalton Com. (Williams)	1 ENE,RR SW	65	30 S2	80 oct. Pwr line S.
(P) Del Norte Co. (Crescent City)	2.5 NW	57	50h	
* Delta Int, 22, SF-SA	1 SW,RR,hwy N	1320	18 L3	800-1000' mtns E, W.
Dunsmuir,25B, SF-SA	4.5 N,RR W	3240	30 R1 L3 S2	80,91 oct. Poles E,N, lgtd.
Eureka	2 W,bay E	20	24h	
(P) Fall River Mills	See Shasta Sky Ranch under "New Airports" - name changed.			
Fort Jones (NC)	1.5 W,riv SW	2745	30	Pole line NW.
Gasquet (Crescent City) (NC)	13 ENE,hwy S	390	25	Hazardous-bad approach. USFS
Grass Valley	0.8 W,hwy N	2600	18 S1	Ltd 80 oct. Trees sur fld. P-line NE
Gravelly Valley, USFS (Upper Lake) (NC)	20 N, lake S	2000	49	Road crosses NE/SW strip. Closed to Public
Gridley	0.7 ENE,RR W	97	26 S6	80,91 oct. Pole line N,S.
Hayfork, USFS (NC)	1.2 E,rd N	2350	23	Pole line W, mts E. Closed to Public
Humboldt County (Eureka)	3.4 ENE,RR SW	10	18h S6	80,91 oct. Poles NW. Rnwy data unver.
→ Mendocino (Little River)	2.5 SE	572	53h S3	80.91 oct.
Montague	1 W,RR N	2520	32 L1 S4	80, 91 oct.
Nevada City	1.5 NW,rd S	3060	26 S4	80 oct.
(P) Oroville	3 SW,riv E	199	60h L5 S1	80,91 oct. Port rnwy lgts prior req.
Patrick (Chico)	2 SSE,RR E	189	34 S6	80,91 oct. Poles N.
Pinnegar (Anderson)	1 S,canal E	435	23 S1	73 oct.
Ranchaero (Chico)	2.2 WSW,riv W	170	22 S4	80, 91 oct. Hwy NE.
Ravendale (NC)	0.2 N,RR W	5260	18	
→ Redding	7.5 SE,riv S	500	63h L5 S1	80,91 oct.
Round Valley (Covelo)(NC)	0.8 SW,hwy E	1385	30	
* Secret Valley Int,52,RV-ND	3.6 ESE Karlo	4435	50	Day use only.
(P) Siskiyou Co. (Montague)	4.3 NE,RR W	2647	73h L5	
Sky Harbor (Quincy)	2.5 E,RR N	3400	28 S2	73 oct. Poles S.
Susanville	6.5 SE,hwy SW	4150	32 S6	73 oct. Pwr line N.
* Truckee Int,16B, SF-SL	3.6 ENE,RR S	5820	34 L3	Snow Dec.-April.
(P) Ukiah	1 S,RR E	612	40h L5 S4	80 oct. No sto.
Weaverville, USFS (NC)	1 SSE,hwy E	2040	22	30' poles S. Closed to Public
* Williams Int,9, SF-SA	4 S, RR E	120	42 R1 L3	
Willits	1.3 ENE,RR W	1356	20 S1	80 oct. Trees E. Pole line W.
Willows-Glenn Co.	1.3 WSW,RR E	130	45h L1 S6	80 oct. No sto.

OREGON

* Beaver Marsh Int,73,RV-ND		4630	54 L3	6.2 SSW Chemult
Blue Star Arpk,(Eagle Point)	4.5 N,hwy E		20 S2	Data unver.
→ Civil Air Patrol (Worden)	See Tulana under "New Airports" - name changed.			
* Cow Creek Int,37B,SF-SA	2.5 ENE Glendale	1429	23 L3	Creek S.
(P) Curry Co. (Denmark)	3.8 WSW	214	51h L5	All lgts prior req.
Illinois Valley Landing Field (Cave Junction) (NC)	4.3 SSW,river 1 E	1350	43	Trees NNE. USFS
Klamath Falls	4.9 SSE,RR NE	4085	71h R1 L5 S5	80, 91, 100 oct. Fld lgts on req.
Lakeside	0.25 NE,hwy W	20	30	Pole line S.
→ Lakeview	3.5 SW,RR E	4728	53h S6	80,91 oct.
(A,N) MEDFORD AAF	3.2 N,RR E	1329	54h R2 L5 S4	80,91,100 oct. Pole line NE. NATS
* Myrtle Creek,Int,39A,SF-SA	4 SW,riv,RR W	640	25 L3 S1	80 oct. Hill N.
(P) North Bend	1.2 WNW,bay NE	17	50h	
Piercy (Medford)	2.6 NW,RR E	1325	20 S4	80,91 oct. No sto. Poles SE.
* Roseburg Int,41A,SF-SA	2.4 NNW,RR E	500	38 S6	80,91 oct. No sto.
Sutherlin Sky Ranch	3.8 ENE,rd E,S	575	18 S1	80 oct.
Tri-City (Riddle)	3.5 NE,RR N,W	700	19 S1	80 oct. P-line N,S.

NEW AIRPORTS

B & H (Creswell,Ore.)	3.3 SSW;RR E	620	16 S6	80 oct. Trees NNE
Cottage Grove (Ore.)	1.9 S;riv S	640	22 S1	80 oct.
Grants Pass (Ore.)	1.6 N;RR W	1050	26 S5	80 oct. Poles, trees N.
101 Hereford Ranch (Laytonville,Calif.)	1 S;hwy E	1635	18 S1	80 oct.
(P) Shasta Sky Ranch (Fall River Mills,Calif.)	1 N;riv E	3300	33 S2	80 oct. Rnwy data unver.
→ Elk Creed (Calif.)	0.7 SSE;hwy W	725	16 S1	80 oct. Obst sur fld.
→ Leith's (Gold Beach,Ore)	Adj W	16	23 S1	80 oct. Data unver.
→ Bieber (Calif.)	1 NE;riv W	4155	33	Soft in winter.
→ Westwood (Calif.)	1.5 W;hwy N	5100	22	
→ Tulana (Worden,Ore)	1 S;RR NW	4080	37 S6	80 oct. No sto. Pwr line NNE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

ELKO

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Air Term.)	350(BE)(vhf)	SBRAZ-DTV;110°2.5	(3);116.1,122.1
BOISE AIR TERMINAL	278(126.18) (118.3)	AC	(4);126.18,118.3,122.5
EAGLE FM	(- - - -)	FM, 301°,11.5	Boise
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-DTV, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-DTV, 200°, 0.8	(4), 116.1
FALLON (NAS)	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-DTV 228°, 2.6	(4):116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-DTV 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno

NEW RADIO FACILITIES

HUBBARD (Reno)	278	CI	(4)(5-20 Wed,Sat,Sun; 8-16 other days.)

S-Simul. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker:(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.89, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ **Bennett** Flight Strip (Anderson Dam)	2.7 S,RR SW			ABANDONED
Boise Airpark	1.8 WNW,RR S	2660	25 S6	73,80 oct.Trees SSE, NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S2	73 oct.
Floating Feather (Eagle)	2 E,hwy W	2635	38 S4	80 oct.Soft when wet.
(P) Glenns Ferry	1.3 WSW,riv S	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	See Boise Air Terminal under "New Arpts"-name chg.			
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities S-servicing. (see page XIII)(NC)-Not charted → NEW OR REVISED DATA

NEVADA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3	
★ Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	49 S6	80 oct.Mts N,hill W.
(P) ELKO-KEDDIE	1.8 W,RR S	5066	62h R1 L5 S4	80,91,100 oct.
★ Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon NAAS	6 SE,hwy S	3931	70h	CLOSED
HUBBARD (Reno)	3.4 SE,RR N	4404	64h R2 L5 S4	80,91,100 oct.
★ Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	4000	24 S4	80 oct.Poles ENE,WSW
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 L S6	80 oct. Port rnwy lgts
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	on prior req.
→ Orovada (NC)	1.2 W,hwy E			ABANDONED
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	52 S4	73,80,91 oct.Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct.Poleline W.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

OREGON

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	26.6 SW,hwy E	4050	60h	
Vale	1.2 SSW;rvr E	2250	23 S2	80 oct. P-line NE.

NEW AIRPORTS

(NG) BOISE AIR TERMINAL, (Idaho)	4.5 SSW	2857	77h R2 S1	80,91 oct.

22 ELKO

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

R — RADIO MANDATORY
O — ADVISE ATC CAUTION

SPOKANE 3
ROE DALE
ALKALI LAKE
ROME
DA
VALE
NYSSA
PARMA
CALDWELL
BAKER
121
EMMETT
FLOATING FEATHER
206
BOISE
350
(111 1, 116 1)
BOISE AIRPK
BRADLEY
RITCHEY
RED 1
290
BOISE AIR TERM
278 ∝ 118 3 126 10 ∝
26
93
BURLEY
272
HOME HEAVY LINES ON SIDES OF MARK LEGS IDENTIFY R QUADRANTS
STATUTE MILES
119°
117°
115°
44°
43°
42°
41°
25
50
ORE
IDA
NEV
MEDFORD 19
SEATTLE
OAKLAND
WINNEMUCCA COM.
WINNEMUCCA
BATTLE MOUNTAIN
281
(116 1)
BATTLE MOUNTAIN FLGT STRIP
121
ELKO
391
(116 1)
140
110
LUCIN
219
11000
31
57
17000
50
13000
RED 49
WENDOVER
229
ELKO
19
HUMBOLDT
209
(116 1)
138
76
GREEN 3
49
BUFFALO VALLEY
320
228
11000
301
RENO
254
(116 1)
LOVELOCK COM.
53
LOVELOCK
10000
126
48
HUMBOLDT
RENO SKY RANCH
88
RENO AAB 5
228
WADSWORTH
27
FERNLEY
SALT LAKE CITY OAKLAND
SALT LAKE CITY 23
48
SPARKS
LAHONTAN
225
318
AUSTIN OLF
HUBBARD
278
LAHONTAN FLGT. STRIP
FALLON (W)
230
45
CARSON CITY
DONNER SUMMIT
341
NAAS. FALLON
302
YERINGTON
NEV. CALIF
FRESNO 77
LAS VEGAS 79

SALT LAKE CITY 23

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓞ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF BARS LEGS IDENTIFY "I" QUADRANTS.

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

GREAT FALLS 6

ST ANTHONY
REXBURG
DUBOIS
IDAHO FALLS 359 (116.1)
JACKSON
FRIEDMAN
CAMAS CO.
GOODING 215 (116.1)
FLYING BAR'S
ALBERT
BURLEY 272 (116.1)
POCATELLO
IDAHO FALLS
HAYFIELD
POCATELLO AAF
ABERDEEN
POCATELLO 257 (111.1,116.1)
UNIVERSITY
AMERICAN FALLS
AFTON
JEROME
TWIN FALLS
BURLEY
IDAHOME
MALAD CITY 314 (116.1)
MONTPELIER
BEAR LAKE CO.
CORVILLE
STREVELL
IDAHO
NEV
SAN JACINTO
STREVELL 335 (116.1) On request
MALAD CITY
PRESTON
LUCIN 302 (116.1)
LOGAN CACHE CO
HILLCREST
KEMMERER
TREMONTON
CORINNE
FORT BRIDGER 382 (111.1,116.1)
OGDEN 263 (116.1)
BRIGHAM
HINCKLEY 284 ∝
HUNTSVILLE
EVANSTON (NEW)
LUCIN
PROMONTORY POINT
OGDEN APPR
HILL AAF 398 ∝ 126.1 ∝
LAYTON
BOUNTIFUL
EVANSTON
WENDOVER AAF 291 ∝ 126.1 ∝
VENTURA
LOW
TIMPIE
SALT LAKE CITY NO 1 278 ∝ 118.3 ∝
UTAH CENTRAL
GRANTSVILLE
SALT LAKE NO 2
MIDVALE
ALTA
KNOLLS
SALT LAKE CITY 227 (116.1)
TOOELE
RIVERTON
WENDOVER 248
FAIRFIELD
DUGWAY AAF
PROVO
SPANISH FORK
FAIRFIELD 362 (111.1,116.1)
NEPHI
CARBON CO.
NEV
UTAH
DELTA 212 (116.1)
MT PLEASANT
DELTA
MANTI-EPHRAIM
YELLAND

TO ROCK SPRINGS
TO ELKO
TO MILFORD

LAS VEGAS 79 | WINSLOW 81

STATUTE MILES 0 25 50

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURLEY	272(BX)(116.1)	SBRAPZ-DTV;200°,2.7	(4);116.1
GOODING (new)	215(GG)(116.1)	MHTV	(4);116.1,122.1
IDAHO FALLS (Mun.)	359(IF)(116.1)	SBMRAZ-DTV;192°,2.6	(4);116.1
MALAD CITY (Int.)	314(WT)(116.1)	SBRAZ-DTV;131°,3.4	(4);116.1
POCATELLO	257(PQ)(vhf)	BMRLZ-DTV;56°,2.5	(4);116.1,122.1
→ STREVELL	335(TV)(116.1)	MHPV	(4);116.1
[redacted]			
CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212 (VZ)(116.1)	SBRAZ-DTV, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362(IL)(vhf)	BMRLZ-DTV,2°,4.4	(4);116.1,122.1
HILL,(Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
→ LUCIN (Int.)	302 (IB)(116.1)	BMRLZ-DTV;156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-DTV,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
→ ROBERT H.HINCKLEY(Ogden)	284	CI	(4) (0830-2130.Wed-Sun;1130-2130.Mon,Tues)
SALT LAKE CITY	227 (SL)(116.1)	SBRAZ-DTXV;163°,2.9	(3); 116.1
Salt Lake City Arpt. #1	278 (118.3)	C (ILS-W)	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18

WYOMING

FORT BRIDGER (Int.)	382(HM)(vhf)	SBRAZ-VDT,228°,2.4	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE CITY	110.3 ••• -•-•	335	343°	IM-	MM- -•-• (0.71)	OM- -- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW,rd W	4460	32 S6	73 oct.No sto.
Albert (Richfield)	5.2 NE,RR W	4400	23 S2	Ltd 80 oct.
American Falls	2 NE,RR NW	4404	38 S1	73 oct. Poles S.
Arco (NC)	1.5 ESE,hwy W	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE;rd S	5928	57h	
Buhl (NC)	5.7 W,crk W,E	3690	41	
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S4	80,91 oct.Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31 S1	80 oct.P-line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	73 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	73 oct.
(P) Gooding	3.5 WSW,hwy N	3730	49h R1 L5 S6	80,91 oct.
→ Gooding (old)	4 SSW			ABANDONED
(P) IDAHO FALLS	2 NW,riv,RR E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4460	29 L3	
Jerome	3.3 ENE	3980	31 S1	73 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30	Rough.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h L3	73 oct.
→ Montpelier	0.6 NNE,RR WSW	5965	30 S1	73 oct. Mtn NE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 S2	80 oct.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S4	80 oct. Poles, trees NNE.Rnwy data unver
* Strevell Int, 10, SL-PO	0.3 NNW,hwy W	5270	31 R1 L2	Hwy S.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	30	(NC)
(P) Twin Falls	6.5 S,crk N	4200	40 S6	80,91 oct. Strips only-wet weather
→ University (Ham's)(Pocatello)	1 ENE,hwy W	4550	35 S2	Hills N,S. No fuel.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	25	UNUSABLE.

NEVADA

* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W	5665	29 L2	
Yelland (Ely)	3.5 NNE,hwy E	6258	60h L3 S6	80 oct. Fld lgts prior req.

UTAH

Alta Arpk (Sardy)	2.3 E,RR W	4800	30	Hwy W.
Bountiful Sky Haven	2.6 WSW,rd E	4222	38 S4	80 oct. Pole line N,NW,SE.
Brigham	3 NW,RR S	4220	37 L3 S6	80 oct.
Carbon County (Price)	2.8 E,RR W	5800	43 S6	80 oct.
Delta	4.8 ENE,	4755	61h R1 L5 S2	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE,riv W	5700	55	Pole line W, NW.
* Fairfield Int,59,LA SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	26 S6	80 oct. Mtn SSE.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	42 L3	
Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4413	50 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S2	No fuel.
Midvale	3 WSW,RR NW	4500	20 S4	73 oct. No sto.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S2	80 oct.
Myton (NC)	1 E,riv N	5090	31	
Nephi	2.5 NW,RR E	4800	48 S1	Ltd 80 oct.
Ogden Airpark	4 S,hwy NE	4700	31 S6	73 oct. No sto.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	
(P) Provo	2.8 WSW,RR N	4490	71h L5 S6	80,91 oct. Fld lgts prior req.
(NG) SALT LAKE CITY #1	2.5 WNW,RR S	4222	55h R3 L6 S6	73-100 oct.Rdo rec rqrd.Ltd 100 oct
Salt Lake City No. 2	10.5 SSW,RR W	4617	56h S4	73 oct. 2-ech maint NC
Spanish Fork	2 NW,RR SE	4560	49 S6	80 oct.
Tooele (NC)	1.4 WSW,RR W	4800	30 S4	80 oct. No sto. Mtns SE.
Utah Central(Salt Lake City)	4 SW,RR N	4240	28 S4	73 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4237	81h R2 L5 S6	73,91,100 oct. JP-1.

WYOMING

Afton	0.3 SW,hwy E	6239	30 S5	73,80 oct. 40' trees N.
Big Piney (NC)	2 N	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston	3.6 SSW	6800	39 S1	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	56 S1	73 oct.
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	

NEW AIRPORTS

Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.
Evanston, new (Wyo.)	1 NE;hwys S,W	6740	39 S3	80,91 oct.Pwrline W. Data unver.
→ San Jacinto (Nev.)	0.2 NE;RR W	5200	47 S1	91 oct.Batt.lgts on req.
→ Tremonton, (Utah)	0.5 W;hwy S	4322	28 S1	80 oct. S blkd.
→ Andrew (Shoshone,Idaho)	2.5 E;hwy N	4000	25	Soft in spring.
→ Adkins (Richfield,Idaho)	4.5 SW;riv S	4150	17 S2	81 oct.Soft in spring.

RADIO

COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	BVAR-DTV	3105,3117.5;116.1,122.1
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	BVAR-DTV (ILS)	3105,4495,3117.5; 116.1,122.1

WYOMING

CASPER(Wardwell)	269(CW)(116.1,111.1)	SBRAZ-DTV;256°,2	(4);116.1,122.1
CASPER AAF	396(126.18)	CA	(3); 126.18
DOUGLAS	251 (DQ)(116.1)	BHTV	(4) :116.1
LARAMIE (Gen'l. Brees Field)	245(LR) (116.1, 111.1)	SBMRAZ-DTV 137°, 2.2	(4);116.1,122.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
→ ROCK SPRINGS (new)	290(RT)(116.1)	SBRAZ-DTV, 246°,2.8	(4);116.1,122.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-DTV, 80°, 1.7	(4);116.1,122.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WALKER	110.3 •---	335	110°	IM-	MM- •-•- (0.69)	OM- -- (4.52)
				MMK-		OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	Closed till June '47
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE.
Glenwood Sprgs.	2 S	5900	38 S1	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.

UTAH

Roosevelt	1.3 NE;hwy S	5000	53 S2	80,91 oct.Poleline SE,E
Vernal (new)	1 SSE;hwy N,E	5280	31 S6	80,91 oct.
Vernal (old)	7 ESE;riv 4 E	5200	37	

WYOMING

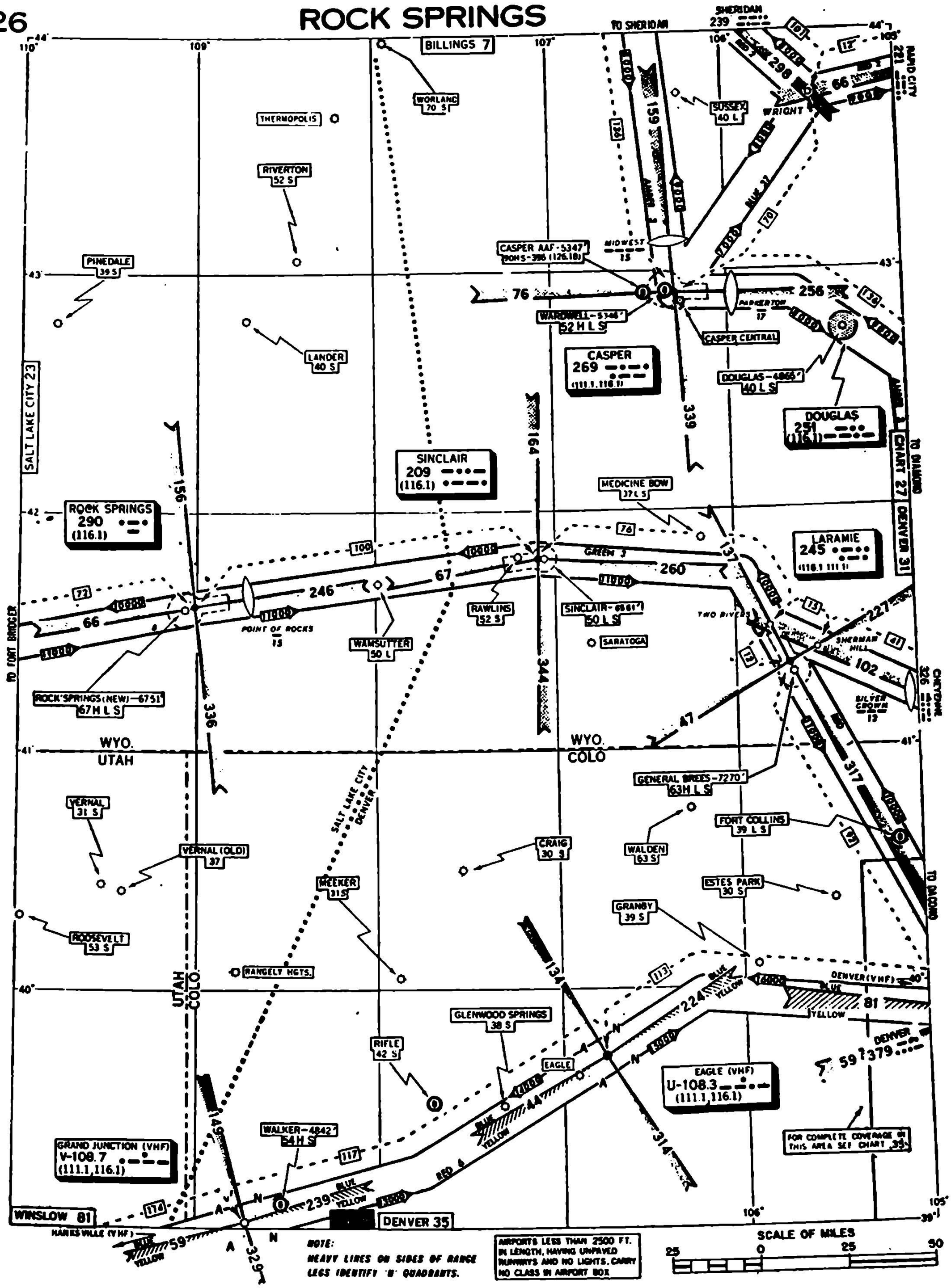
AIRPORT - CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h R1 L S2	100 oct.
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S1	73 oct.
General Brees (Laramie)	4 W;riv SE	7270	63h R1 L5 S6	73,91,100 oct.
Lander	1.5 S;riv W	5550	40 S2	73 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
→ Pinedale	5.5 SSE;hwy NE	7200	39 S2	80 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS (new)	8.8 E;RR N	6751	67h R1 L5 S2	73,80,91,100 oct;80 oct daylgt hrs only.
Rock Springs (old)	3.8 NNW	6370	58	(NC)
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3	
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	33 S1	80 oct.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,91 oct.
(P) Worland	2.8 S;canal NW	4185	70 S1	80, 91 oct.

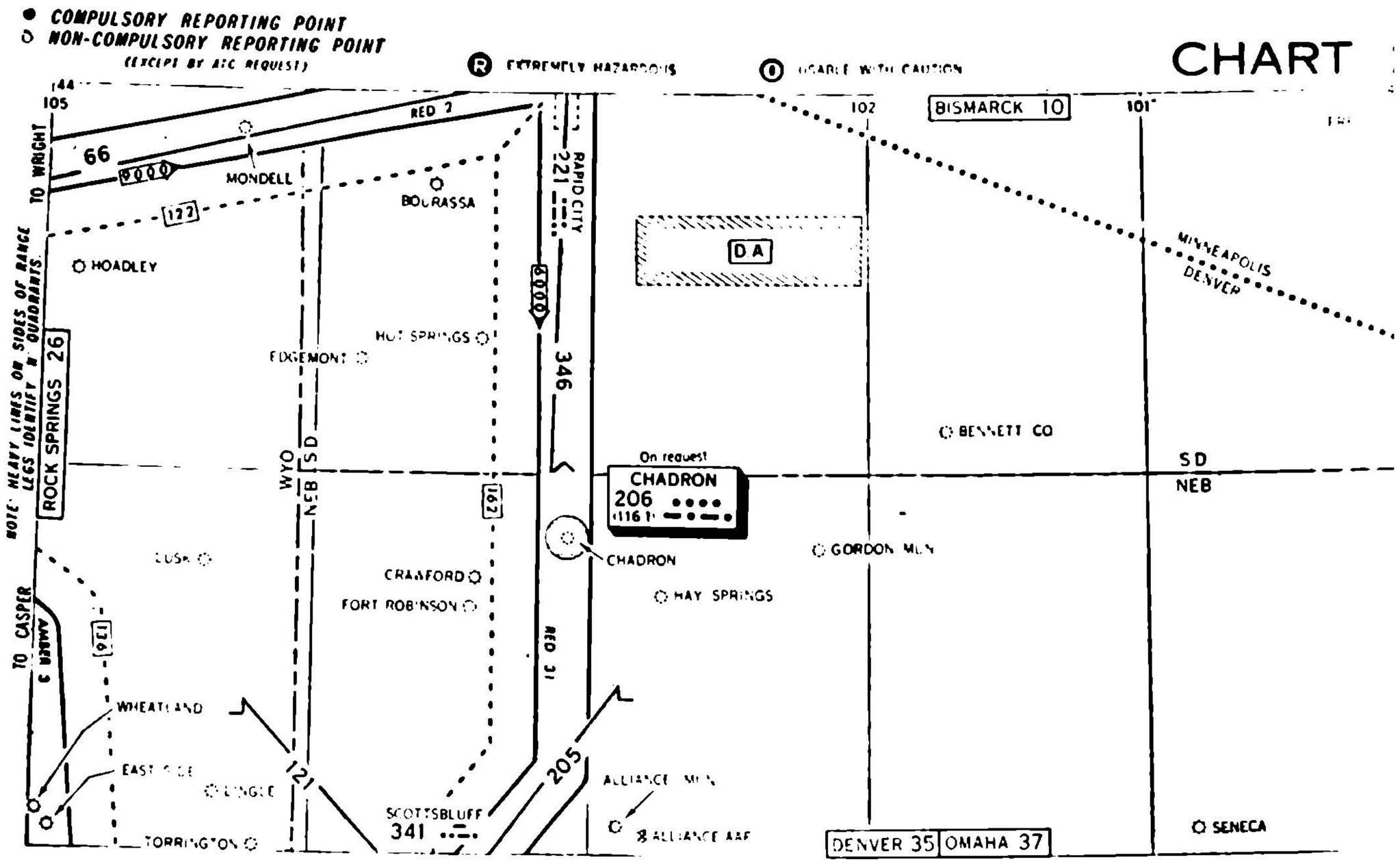
NEW AIRPORTS

Casper Central (Casper Wyo.)	3 NE;RR S	5100	28 S2	80 oct.Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XXIX) NC-(not charted). → NEW OR REVISED DATA

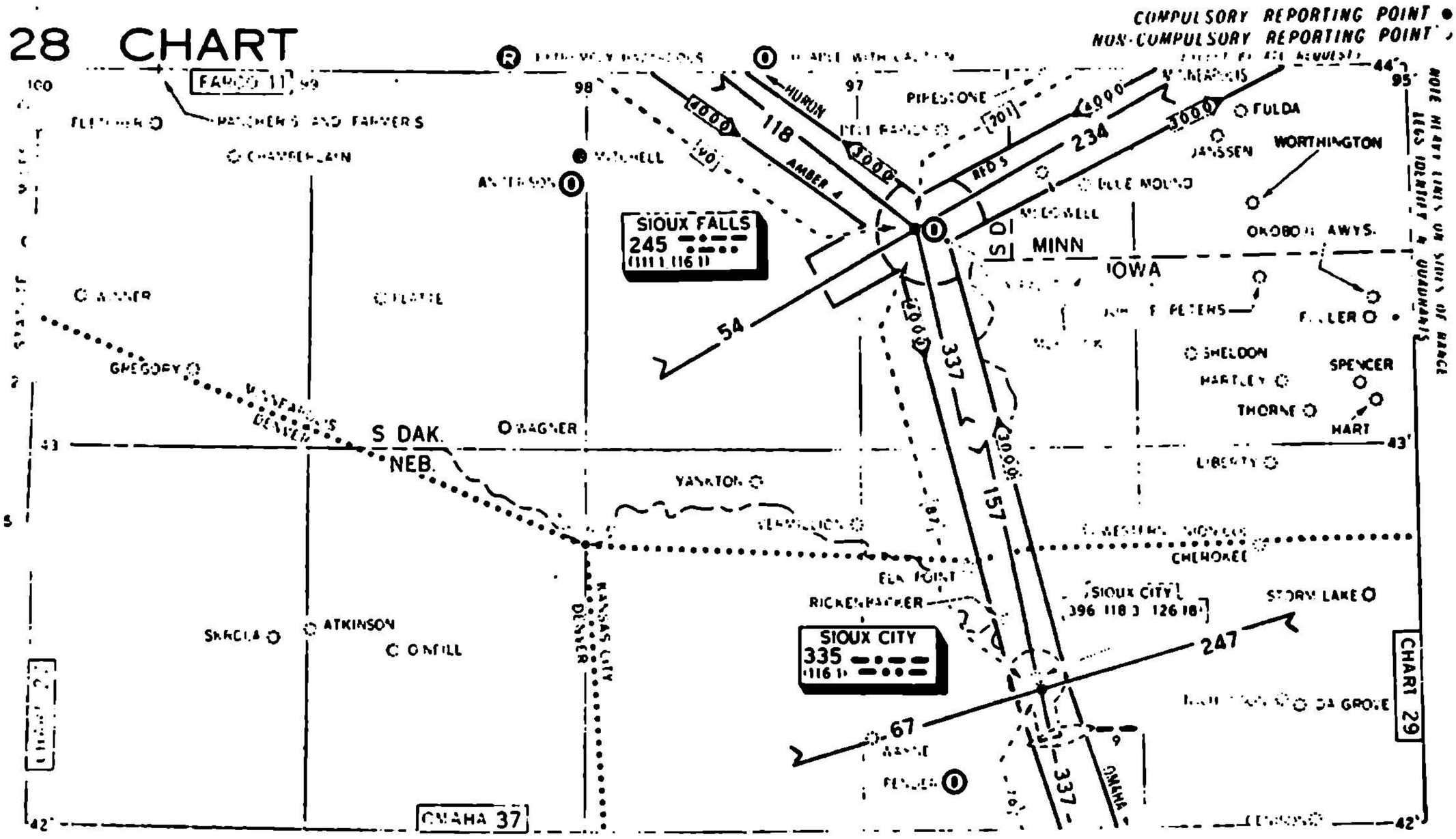
ROCK SPRINGS





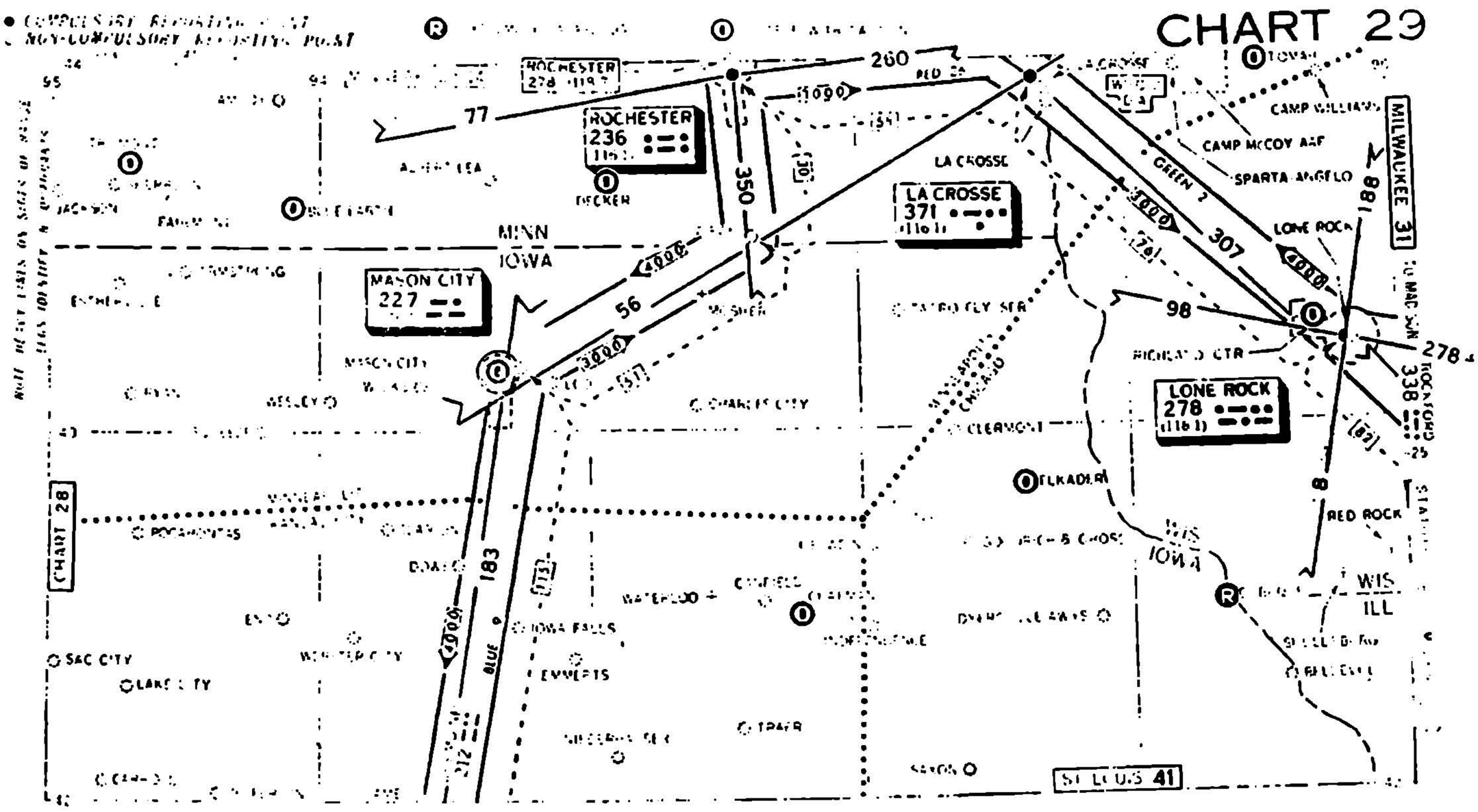
FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(A) Alliance AAF (Nebr) (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance Mun. (Nebr)	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
(P) Bennett Co. (Martin, S.D.)	4.4 SSE;riv N	3325	30 S1	73 oct. P-line sur fld.
Bourassa (Custer, S.D.)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W, NW.
CHADRON H Fac. (Nebr)	206(HC)(116.1)		MHTV	(4); 116.1
(P) Chadron, 15, CX-HR (Nebr)	4.8 W;hwy S	3312	45 L3 S4	73 oct.
Crawford (Nebr)	3.8 NNW;hwy E	3676	35	Poles E,W.
East Side (Wheatland, Wyo)	0.7 E;RR W	4750	23 S4	80 oct.
Edgemont (S.D.)	1.1 SW	3575	30 S2	73 oct.
(A) Fort Robinson (Nebr) (A)	2 S;RR N	3920	18	
Gordon (Nebr)	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Hay Springs (Nebr)	2.5 W;hwy E	3840	17 S2	80 oct. P-line N
Hoadley (Dull Center, Wyo)	9.4 NE	4176	24 S1	73,80 oct.
(P) Hot Springs (S.D.)	5.5 SSE;riv N	3075	52 S2	73 oct.
Lingle (Wyo)	1.2 N;RR S	4200	30	P-line SE.
Lusk (Wyo)	2.9 E;RR S	5000	47 S1	80 oct. Poles SE.
Modisett (Rushville, Nebr)	2.4 NE;RR S	3475	30	Bldgs, p-line E.
Mondell (New Castle, Wyo)	6.2 WNW;RR N	4260	36 S2	73 oct.
Presho Mun. (S.D.)	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.
Seneca (Nebr)	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW.
(P) Torrington (Wyo)	3.4 S;hwy W	4350	40 S2	73,91 oct. Pwr line S,W.
Valentine (Nebr)	1.5 SSE;hwy E	2579	18	Not maintained. Rough. Poles NE
(P) Wheatland,6,CX-GT (Wyo)	3.4 NNW;riv N	4648	46 L3 S6	80 oct.
NEW FACILITIES				

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FACILITY	FREQ. IDENT ARPT LOCATION	BEAR & DIST ELEV.	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
Ainsworth, mun.(Nebr)	7 WNW;RR S			A/[illegible]NED
Anderson(Mitchell,S.D.)	2.7 W;RR N	1393	29 S6	80 oct Poles sur fld
Atkinson (Nebr)	1.4 SW;rlv NE	2109	22	Trees S P-line E,SE, N, NW
Chamberlain (S.D.)	3.4 SE;hwy N	1689	26 S2	73,80 oct Poles N,NW
Cherokee (Iowa)	1 S;RR W,S	1218	19 S1	80 oct
Dell Rapids Mun.(S.D.)	1.6 NE;RR SE	1450	20 S1	73 oct
Denison (Iowa)	2.4 WSW;rlv SE	1206	20 S2	80 oct Trees SSW.
Elk Point (S.D.)	2.4 E;rlv NE	1120	26 S2	80 oct Poles N,NW.
Fletcher (Reliance,S.D.)	2 SE;RR NE	1600	20 S1	80 oct.
Fuller (Milford,Iowa)	0.7 NNW; hwy E	1440	36 S6	80 oct Trees,poles E, W,S Lake N
Gregory (S.D.)	2.2 S;RR NE	2000	22 S2	73 oct P-line E,SE
Hart (Spencer, Iowa)	1.6 S;hwy N	1100	26 S4	80 oct P-line NE,N
John E. Peters (Ocheyedan, Iowa)	1.5 N;hwy S	1425	24 S2	80 oct 25' p-line S
Liberty(Sutherland,Ia)	2.1 WSW	1465	23 S6	80 oct 35'p-line E RRW
← McDowell (Luverne) Minn.)	8 NW;hwy W	1640	25 S2	80 oct
McKissick (Rock Rapids, Iowa)	3 N;rlv W	1361	31 S4	80 oct Trees W.
(A) Mitchell AAF (S.D.)(A)	4 N;hwy E	1292	67h	CLOSED
Nicholson (Ida Grove,Ia)	1.9 WSW	1120	20 S1	80 oct RR N
Okoboji Airways (Spirit Lake, Iowa)	2.6 SW;hwy E	1450	20 S2	80 oct. Poles NE.
Pender (Nebr)	1 NE;RR SW	1400	22 S2	73 oct P-line S,SE
Pipestone (Minn)	1 SE;RR E,W	1735	25 S6	80, 91 oct. No sto
Platte (S.D.)	1.2 NNE;RR SW	1650	28 S1	80 oct. Poles SE,S
Rancher's & Farmer's (Reliance, S.D.)	9 N;rd N,S		30 S1	73 oct Data unver.
Rickenbacker (Stevens, S.D.)	1 N;rlv E	1114	28 S6	80, 91 oct.
Sheldon (Iowa)	5 NNE;RR W	1444	33 S6	80 oct P-line S,W,SW,SE
SIOUX CITY Range (Iowa)	335(YX) (116.1)	337°, 1.9	SBMRLZ-DTV	(3);116.1,122.1
SIOUX CITY Tower (Iowa)	396 (126.18, 118.3)		AC	(4);126.18,118.3,122.5
(A) [Sioux City] (Iowa)	7 S;RR E	1097	69h L5 S4	80,91 oct ;91,100 oct.
SIOUX FALLS Range (S.D.) ←	245(YL) vhf)	93°, 2.2	SBRAZ-DTV	(4);116.1,122.1 mil acft
(NG) Sioux Falls Mun. (S.D.)	2.5 NNW;RR E	1420	57h L5 S6	80,91 oct;73,100 oct,
(P) Skrdla (Stuart,Nebr)	7.5 S	2090	30 S1	73 oct. 3-ech maint NG
(P) Spencer (Iowa)	2.9 WNW	1335	40 S6	80,91 oct. RR S
← Storm Lake (Iowa)	3.5 SSW; [illegible] NE	1300	36 S2	80 oct.
Thorne (Moneta, Iowa)	2.5 S	1410	25 S2	80 oct P-line,trees W.
Vermillion (S.D.)	3.8 WNW	1140	25 S4	80 oct. Poles N RR NE.
Wagner (S.D.)	1.3 S;RR N	1464	30 S1	73 oct Poles E,NW
(P) Wayne (Nebr)	1.8 E;RR N	1475	33 S4	80 oct P-line NW,-
(P) Western Union (Le Mars, Iowa)	1.3 SW;RR SE	1190	30 S6	80 oct Low obst
Winner (S.D.)	1.3 NE;RR SW	2038	26 S6	80,91 oct
← Worthington (Minn)	1.0 N	1570	32 S6	80 oct. No sto. Rot bcn in town
(P) Yankton (S.D.)	2.3 N;hwy W	1490	37 S6	80 oct. Twr E
← O [illegible] (Nebr.)	0.5 N;hwy N	2100	35 S6	80 oct. N,SE,S,SW blkd.
← Jans[illegible]n (Fulda, Minn)	5.5 SW	1500	21 S1	80 oct.
← Fulda Mun (Minn)	0.5 NNW	1532	20 S4	80 oct. No sto. P-line S.
← Hartley (Iowa)	7 SE;RR NE	1490	26	P-line SE.
← Blue Mound Air Svc (LuVerne, Minn)	3 NNE;RR NW	1440	30 S2	80 oct.
← Ida Grove Flying Svc (Ida Grove,Iowa)	2.5 SE;RR N	1100	20 S2	80 oct.
← Ainsworth Mun (Nebr)	7.5 W NW;RR N	2560	73h L5 S6	80,91 oct. No sto.

S-Simul Range and Voice. W-Without Voice. 2-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice (nbr) voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (see page XIII ← NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FACILITY	FREQ IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS IN ALOFD HRS OF OPERATION
(P) Albert Lea (Minn)	2.3 N;RR E	1255	32 S6	80 oct P-line N
Amboy (Minn)	1 NNE;RR W	1000	24 S2	80 oct
Ames (Iowa)	2.5 SSE;RR NW	920	25 S6	80 oct Lgt act'd only
Armstrong (Iowa)	3.2 NW;hwy S	1250	22 S1	L-L180 oct Trees E
Bellevue (Iowa)	3 N;RR W	652	19 S1	80 oct
Blue Earth (Minn)	3 S;RR E	1111	26 S1	80 oct Flares on req
(A) Camp McCoy (Wis)(A)	2 SW	900	-2	
(P) Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	15h	
Canfield (Waterloo, Iowa)	3.5 NW;RR NE	800	32 S6	80 oct P-line N.
Carroll (Iowa)	4 E;RR SE	1136	31 S2	80 oct
Chapman (Waterloo, Ia)	5 E;RR NW	970	33 S6	80 oct P-lines S
Clarion (Iowa)	1.1 NW	1172	27 S6	80 oct
Clermont (Iowa)	3 S;riv W	860	21 S6	80 oct P-line SE,NE
Conrad (Iowa)	3 W;RR S			ABANDONED
Decker (Austin, Minn)	1.7 E;hwy N	1224	29 S6	80 oct No sto N,S,W
Dows (Iowa)	1.5 SSE;RR NE	1144	26 S2	80 oct blckd
(P) Dubuque (Iowa)	1.5 NE;riv E	602	27 S6	80 oct Poles SE,NW
Dyersville Arwys (La)	0.5 S;RR NE	940	16 S1	80 oct Pwr lines NW,
Elkader (Iowa)	1.1 ESE;RR S	915	19 S2	80 oct P-line NW NE Rnwy data unver.
(P) Emmetsburg (Eldora, Iowa)	2.5 NE;RR SW	1000	32 S6	80 oct Poles NW,SE
Eno (Ft. Dodge, Iowa)	2.5 E;hwy W	1125	27 S6	91 oct
(P) Estherville (Iowa)	3.5 E;hwy S	1288	35 L S6	80 oct Port rnwy lgts Poles SE,SW
Fairmont (Minn)	3.1 S;hwy W	1190	25 L S1	80 oct P-line W Flare
Goodrich & Gross (Strawberry Pt, Iowa)	3.5 W;RR NE	1200	19 S1	Ltd 80 oct. on req
Grundy Center (Iowa)	1.3 ENE;RR S			ABANDONED
Henry's (Floyd, Iowa)	5 NNE;RR W	1110	14 S1	ABANDONED
Independence (Iowa)	4.1 W;RR E	990	23 S2	80 oct Poles N
Iowa Falls (Iowa)	4.1 S;RR E	1140	24 S2	80 oct
Jefferson (Iowa)	0.5 NNW;RR S	1052	23 S6	80 oct No sto P-line N
LA CROSSE Range (Wis)	371 (LE) (116.1)	127°, 1.8	SBMLZ-DTV	(4); 116.1 No flood lgts
(P) La Crosse (Wis)	5 NNW	653	53h L5 S4	80,91 oct. Ltd rtrv
* La Crosse Int, 23A, CG-Twin Cities (Wis)	8 NNW; RR NE	667	37 L3	Pole E
Lake City (Iowa)	3.5 NNE;RR S	1200	26 S1	80 oct
LONE ROCK Range (Wis)	278 (LK) (116.1)	96°, 0.0	BMLZ-DTV	(4); 116.1
* Lone Rock Int, 15, CG-Twin Cities (Wis)	2 N;rd W,N	714	39 L6 S2	80,91 oct. No flood lgts. P-line NE

FACILITY	FREQ IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS IN ALOFD HRS OF OPERATION
MASON CITY II Fac (Ia)	227 (MSN) (116.1)		BMLV	(4); 116.1 Oper cont.
(P) Mason City (Iowa)	7 W;hwy S	1215	50h L5 S6	80 oct Poles
Mosher (Riceville, Ia)	1 W;hwy S	1260		80 oct. P-line S ESE. Data unver.
Niederhauser (Marshalltown, Iowa)	2.3 N;hwy E			ABANDONED
Parkersburg (Iowa)	0.8 E	1216	25	Pole line SW
Red Rock (Darlington)	5 SE;RR E		12 S1	80 oct Data unver (Wis)
Richland Center (Wis)	5 SE;hwy W		23 S1	80 oct Trees E,S Data
ROCHESTER Range (Minn)	236 (RR) (116.1)	350°, 2.8	BMLZ-DTV	(3); 116.1 unver
ROCHESTER Tower (Minn)	278 (118.7)		C	(4); 118.7,122.5
Rochester Muni (Minn)	1.7 SSE;RR W	1040	42h L4 S6	80 oct P-line E,NW
Ryan-Simmons (Sparta)	1 SW;RR N	1225	18 S2	80 oct Trees NW
Sac City (Iowa)	3 SSE;riv W	1160	19 S2	80 oct
Saxon (Cedar Rapids, Ia)	7 NE;hwy S	980	31 S6	80 oct Trees E,SE
Sherburn (Minn)	2 W;RR S,E	1300	21 S2	80 oct Pwr line S,E
Shellsburg (Wis)	0.5 S	1200	18 S1	80 oct Trees,W Data
Sparta-Angelo (Wis)	2.2 NE;RR E	800	25 S4	80 oct Poles unver, sur fld
Squeeze (Algona, Iowa)	5 S;riv S	1201	26 S2	80 oct P-line NW,W
Tetro Fly Svc (Decorah)	2.6 NW;riv W	918	26 S2	80 oct (Iowa)
Tomah (Wis)	1 E;hwy S	970	14 S4	80 oct. Pwr line E
Traer (Iowa)	1 ENE;RR SW	1005	18 S2	80 oct P-line E
Tri-Mont (Triumph)	0.9 S;RR W,E	1250	24 S1	80 oct (Minn)
(P) Waterloo (Iowa)	4 NW;RR S,E		54h L5 S1	80,91 oct Data unver. No flood lgts
Webster City (Iowa)	3.3 SW;riv E	1100	26 S4	80 oct No sto
Wesley (Iowa)	1.5 E;RR N	1250	31 S1	80 oct P-line N,S
Wicks (Garner, Iowa)	1 NW;RR S	1220	26 S2	80 oct Poles NW,SW
NEW OR REVISED DATA				
Jackson (Minn)	2 N	1440	28 S2	80 oct, P-line S
Charles City (Iowa)	3.3 E;RR S	1060	28 S2	80 oct P-lines N,S,SW,NW
Fort Madison (Ft, Iowa)	2.5 SE;riv S	1215	26 S6	80 oct P-line N,NE
Oelwein (Iowa)	3 W	1050	26 S6	80 oct P-line N,W
Niederhauser (Marshalltown, Iowa)	4 N;hwy E	900	32 S6	80,91 oct No sto P-line N,W
Marshall Fld (Marshalltown, Ia)	3 E	890	S6	80 oct Data unver.

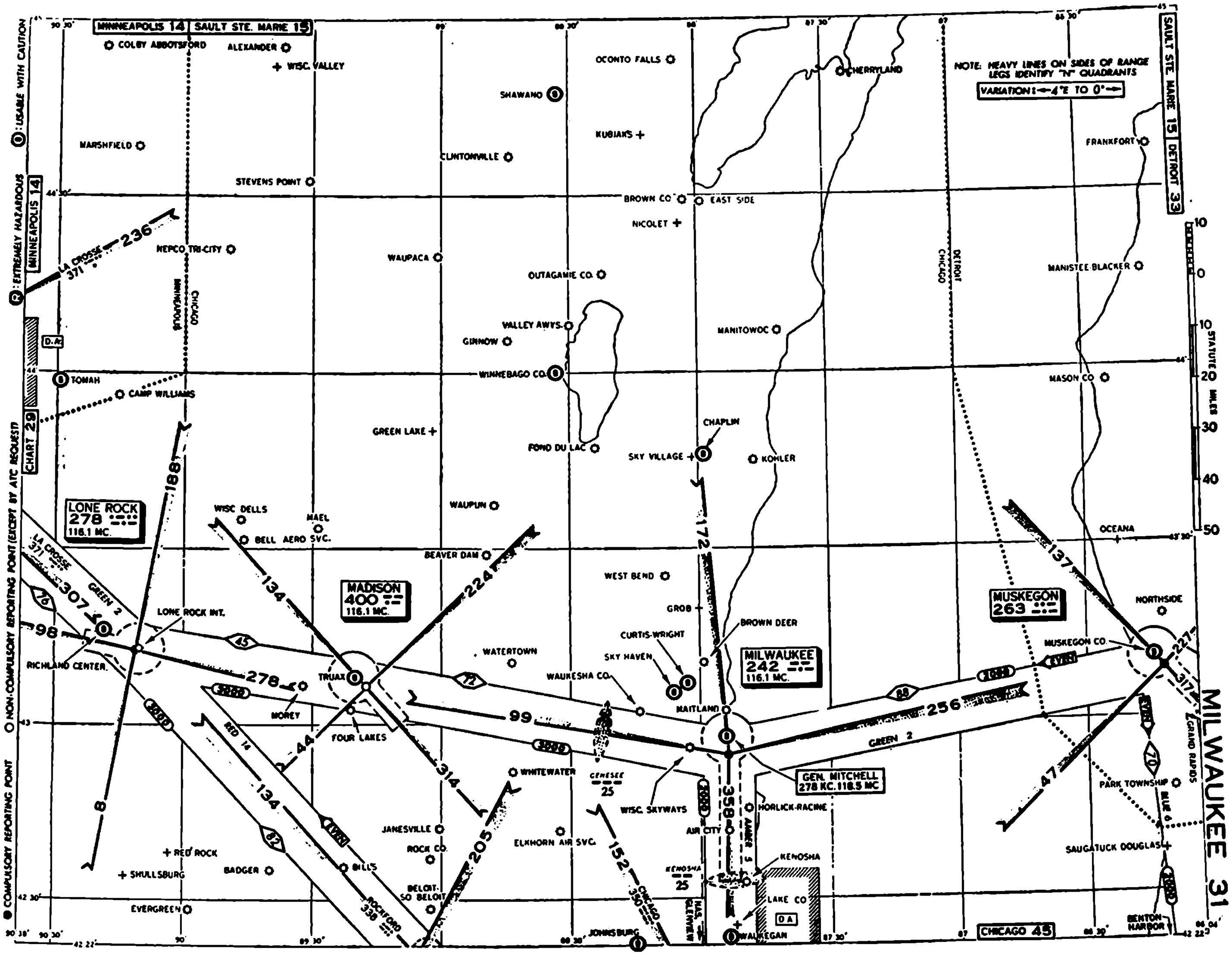
S-Simul Range and Voice, W-Without Voice, Z-VBF Range Station Location Marker. (3)-3105, 4465, 6210 kcs. (4)-3105, 4465, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice (VHF)-voice on 116.1 and 111.1 mcs. +Army A C S transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. see page XIII NEW OR REVISED DATA (NC)-Not charted (Jones)-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

MILWAUKEE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Air City (Sturtevant, Wis)	0.6 SE;hwy N	633	26 S6	80,91 oct.P-line NW. Const. on strips.
Alexander (Wausau, Wis)	2.5 S;riv SW	1191	27 L4 S4	80,91 oct. Lgts prior req.
Badger (Monroe, Wis)	1.8 SW;RR N	1080	20 S4	80 oct. Fense S,W.Hwy E
Beaver Dam Inc. (Wis)	1.7 W;lake N,E	910	20 S4	80 oct.
Bell-Aero Service (Baraboo. Wis)	4 NNW;hwy W	980	21 S1	80 oct. N/S strip rough.
Beloit-S. Beloit (South Beloit. Ill)	1 S;RR E	772	33 S6	80,91 oct. Hill NE.
Bill's (Broadhead, Wis)	1.8 S;hwy S	780	24 S2	80 oct. SE blocked.
Brown Co.(Green Bay, Wis)	2.2 WSW;hwy SE	590	28 S6	80 oct.E,ESE,SE blocked.
Brown Deer (Milwaukee,Wis)	10 NNW;RR E	681	25 S6	80 oct. P-lines N.
Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h	
Chaplin Arpk (Plymouth,Wis)	0.5 N;RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay,Wis)	2 WNW	590	40 S2	80 oct.P-line W,S.Bldgs N
(P) Clintonville (Wis)	1 ESE;RR SW	828	34 S6	80,91 oct.NNW blocked. Pwr line NE,SW, W.
Colby-Abbotsford(Colby,Wis)	1.2 NNW;RR E	1400	26 S2	80 oct.P-line NNE.
Curtis-Wright (Milwaukee,Wis)	9 NW;riv W	750	27 S6	80,91 oct.NE,E blkd.Hi-line N.
East Side (Green Bay, Wis)	1.8 SE;RR S	600	19 S1	80 oct.Pwrline N, NE, NW
Elkhorn Air Service (Wis)	1.5 N;hwy E	1000	21 S6	80 oct. Rough and rolling. P-line E, W.
Evergreen (Warren, Ill)	1.4 SSE;hwy W	1000	26 S4	80 oct. Trees W.
Fond du Lac (Wis)	2.6 ENE;hwy S	769	26 S4	80,91 oct.P-line N,NE,NW SE blocked.
Four Lakes (Madison, Wis)	3 SSE;lake N	881	25 S6	80 oct. P-line W.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GENERAL MITCHELL Tower	278 (118.5)		C	(4); 118.5, 122.5
(P) [General Mitchell] (Milwaukee, Wis)	6 S;RR E	676	50h L4 S6	80,91,100 oct.
Ginnow (Omro, Wis)	3 N;hwy E	800	19 S2	80 oct.Trees SW.Rough
Green Lake (Wis)	4 W;hwy S	990	22 S1	80 oct. Data unver.
Grob (Cedarburg, Wis)	2 N	875	24 S4	Data unver.
Horlock-Racine (Racine,Wis)	2 N;RRs E,W	665	25h L1 S6	80,91 oct.Trees N,SE.
Janesville City (Janesville, Wis)	1.8 NNE;RRs NW	880	26 S6	80,91 oct. 51' twr SE; p-line E.
Jefferson (Wis)	1.7 WSW;riv E	800	17 S2	80 oct. N blocked.
Johnsburg Arpk (Ill)	0.4 SSW;riv S	740	20 S4	80 oct. P-line NNW.
Kenosha (Wis)	2 S;RR W	623	29 L S6	80,91 oct. Flood lgts. P-line SW, NW.
(P) Kohler (Wis)	1 N;hwy S	647	30 L1 S6	80,91 oct. SE blocked.
Kubiak's (Pulaski, Wis)	1.2 E	781	26 S4	Data unver.
Lake Co. (Waukegan, Ill)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
LONE ROCK Range (Wis)	278(LK)(116.1)	98°,0.0	BMLZ-DTV	(4); 116.1
★ Lock Rock Int.15.CG-Twin Cities (Wis)	2 N;rd W,N	714	39 L3 S2	80,91 oct. No flood lgts P-line NE.
MADISON Range (Truax)(Wis)	400(MA)(116.1)	314°,2.6	BMLZ-DTV	(4); 116.1
Mael (Portage, Wis)	1.6 NW;lake SE	820	26 S6	80 oct.Obsts sur fld
Maitland (Milwaukee, Wis)	3 ESE;lake E	590	25 S6	73,80,91 oct.Stack S.
MILWAUKEE Range (General Mitchell)(Wis)	242(MK)(116.1)	352°,2.5	SBRAZ-DTV	(3); 116.1
Manistee-Blacker (Mich)	4 ENE;riv S	613	23 S4	80 oct.
Manitowoc (Wis)	1.6 NNW;RR W	653	26 L3 S6	80,91 oct. P-line W,SW, SSE.Bndry lgts inop.
Marshfield (Wis)	2.3 SSW;RR NE	1253	26 L S6	80 oct.Flare pots in emerg
Mason Co. (Ludington, Mich)	1.7 ENE;hwys S	640	30 S1	80 oct. Poles S.
Morey (Madison, Wis)	9 WNW;hwy E	928	34 S6	80 oct. 30' p-line S.
MUSKEGON Range (Muskegon Co.) (Mich)	263(UK)	317°,2.8	BMLZ-DT	(4)
(P) Muskegon Co. (Mich)	3.5 S;lake N	627	40h L3 S6	80,91 oct.Bldg NE.Bndry lgts on req only.
Nepco Tri City (Wis.Rapids,Wis)	2.5 SSW;riv 1 W	950	35 L2 S6	80,91 oct.Lgts prior req.
Nicolet (De Pere, Wis)	1.5 S;RR E	620	22 S4	80 oct. P-line E,W Data unver.
Oconto Falls (Wis)	2.7 ENE;RR S	600	20 S2	80 oct. P-line N.
Outagamie Co. (Appleton,Wis)	2.2 ENE;RR S	750	29 S6	80,91 oct.P-line NW.
Park Township (Holland. Mich)	3 WNW;bay S	612	27 L4 S6	73,80 oct. No bcn. Lgts prior req.
Red Rock (Darlington,Wis)	5 SE;RR E		12 S1	80 oct. Data unver.
Richland Center (Wis)	6 SSE;hwy W		23 S1	80 oct. Trees E,S. Data unver.
(P) Rock Co. (Janesville, Wis)	4.5 SSW;RR W	807	54h L5 S2	80, 91 oct.
Saugatuck-Douglas (Douglas. Mich)	2 S;hwy W		26 S1	73 oct. Data unver.
Shawano (Wis)	2.3 ENE;lake NE	813	40 L S6	80,91 oct. Poles SW.Lgts prior req.Rnwy data unv.
Shullsburg (Wis)	0.5 S	1000	18 S1	80 oct. Trees SW.Data unver.
Skyhaven (Milwaukee,Wis)	10.5 WNW;hwy N	800	25 S6	80 oct. P-line N. Trees E,S; hill W.
Sky Village (Plymouth, Wis)	1.8 WNW	900	18 S1	80 oct. Data unver.
(P) Stevens Point (Wis)	3 NE;hwy W	1090	40h S6	80, 91 oct.
(A) [Truax] (Madison, Wis)	5 NE;hwy E	859	60h L5 S6	80, 91 oct. ARMY TEMP INACT. CIVIL FACS.
Valley Airways (Neenah,Wis)	4 SSW;RR E	750	21 S2	80 oct.P-line E.Data unver.
Watertown (Wis)	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukegan (Ill)	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Waukesha Co. (Wis)	1.8 N;hwy NE	904	31 S6	80,91 oct. S, NW blkd.
Waupaca (Wis)	4 ESE;hwy S	853	29 S2	80 oct. P-line S,SW.
Waupun (Wis)	3.5 W;hwy SE	912	18 S1	80 oct.
West Bend Fly.Svc. (Wis)	2.5 E;riv S	880	21 L3 S6	80 oct. Fld lgts prior req Poles sur fld.N,NE,NW
Whitewater (Wis)	2 N;RR S	810	22 S5	80 oct. P-line blkd. ESE. E,ENE blkd.
(P) Winnebago Co.(Oshkosh,Wis)	2 SSW;RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE N,W.Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton, Wis)	0.8 SE;riv NW	910	24 S6	80,91 oct.P-line SE.
Wisconsin Skyways (Hales Corner, Wis)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
Wisconsin Valley Inc (Wausau, Wis)	7 S		34 S2	83 oct. Data unver.
NEW FACILITIES				
Northside (Muskegon,Mich)	5.4 NNE	590	29 S4	73 oct.No sto.Refinery SW
Oceana (Rothbury, Mich)	1 W;lakes NE		30 S2	80 oct. Data unver.
Oconto Mun. (Wisc)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver.
Tomah (Wisc)	1 E;hwy S	970	18 S4	80 oct.180' hill E

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★ – Guarded only when associated tower inoperative.

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


MINNEAPOLIS 14
SAULT STE. MARIE 15
SAULT STE. MARIE 15
DETROIT 33
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 4°E TO 0°
O: USABLE WITH CAUTION
X: EXTREMELY HAZARDOUS
MINNEAPOLIS 14
CHART 29
O: NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
●: COMPULSORY REPORTING POINT
COLBY ABBOTSFORD
ALEXANDER
WISC. VALLEY
OCONTO FALLS
CHERRYLAND
MARSHFIELD
SHAWANO
KUBIAKS
FRANKFORT
CLINTONVILLE
STEVENS POINT
BROWN CO
EAST SIDE
NICOLET
NEPCO TRI-CITY
WAUPACA
MANISTEE BLACKER
OUTAGAMIE CO
VALLEY AWYS
GILLNOW
MANITOWOC
TOMAH
WINNEBAGO CO
MASON CO
CAMP WILLIAMS
CHAPLIN
GREEN LAKE
FOND DU LAC
SKY VILLAGE
KOHLER
LONE ROCK
278
116.1 MC.
WISC DELLS
MAEL
BELL AERO SVC.
WAUPUN
OCEANA
BEAVER DAM
WEST BEND
MADISON
400
116.1 MC.
GROB
MUSKEGON
263
NORTHSIDE
LONE ROCK INT.
BROWN DEER
CURTIS-WRIGHT
MUSKEGON CO.
WATERTOWN
SKY HAVEN
MILWAUKEE
242
116.1 MC.
RICHLAND CENTER
WAUKESHA CO.
TRUAX
MAITLAND
MOREY
FOUR LAKES
GEN. MITCHELL
278 KC. 118.5 MC
WHITEWATER
GENESEE
25
WISC. SKYWAYS
HORLICK-RACINE
PARK TOWNSHIP
GRAND RAPIDS
JANESVILLE
ROCK CO.
ELKHORN AIR SVC.
AIR CITY
KENOSHA
SAUGATUCK DOUGLAS
RED ROCK
SHULLSBURG
BADGER
BELOIT-SO BELOIT
LAKE CO
DA
EVERGREEN
JOHNSBURG
WAUKEGAN
BENTON HARBOR
CHICAGO 45
MILWAUKEE 31
STATUTE MILES
10
0
10
20
30
40
50
371
236
188
307
98
278
134
224
172
137
99
44
314
205
152
358
256
47
227
317
8
MINNEAPOLIS
CHICAGO
DETROIT
CHICAGO
GREEN 2
RED 14
AMBER 5
BLUE 6
GREEN 2

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Abrams (Grand Ledge, Mich)	1 NE	844	26 S2	80 oct.Pwrline S,W.Data un
Allegan (Mich)	1.9 E; RR S	701	21 S4	80 oct.P-line SE.Trees ver NW.
Allen's (Pontiac, Mich)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW;SW blkd.
(P) Alma (Mich)	1.3 NE;riv SE	750	32 S4	80 oct. Tanks S.
Au Gres (Mich)	0.9 NNW;hwy S	590	20 S1	80 oct.Poles SW. NW blkd.
Austin Lake (Kalamazoo,Mich)	8.5 SSE;lake N	860	27 S4	80,91 oct. Poles N.
Aviation Co.Club(Galesburg)	1.7 WSW	800	19 S2	80 oct.Data unver.(Mich)
Baker's (Port Huron, Mich)	3 NNW;RR NNE	585	27 S6	80 oct. Poles N,S,NE.
Baldwin (Mich)	1.3 SSE;RR W	835	23 S2	80 oct.Trees NE.
Bangor (Breedsville, Mich)	0.6 WNW;RR E	654	18 S4	80 oct.N blkd.Trees S.
Barry (Saginaw, Mich)	3 WSW;riv S	599	19 S4	80 oct.
BATTLE CREEK Range(Kellogg)	272(JC)(116.1)	3°, 3.2	BMLZ-DTV	(4); 116.1 (Mich)
Beach (Charlotte, Mich)	1.8 ENE;RR NW	880	25 S6	73 oct. No sto.
Belding Fliers Inc. (Mich)	2.1 W;RR E	790	27 S6	80 oct.S blkd.Trees W,NE.
BISHOP Tower (Mich)	278 (118.3)		C	(4); 118.3, 122.5
(P) [Bishop] (Flint, Mich)	4 SSW;RR NW	781	50h L5 S5	80, 91 oct. P-line N.
Brooks (Marshall, Mich)	1.3 S;hwy W	950	26 L3 S6	80 oct.P-line SW,W
CADILLAC H Fac.(Int)(Mich)	269 (KK)		MHT	(4)
(P) Cadillac,23,TL-VC (Mich)	2.5 NW;RR E	1297	34 L3 S6	80 oct.
(P) [Capital City] (Lansing,Mich)	3.8 NW;RR S	857	42h L4 S6	73,80 oct.
Caro (Mich)	3 WSW;RR SE	741	22 S2	80 oct.S,SE blkd.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct.P-line N.
Croswell City (Mich)	1 W;RR,riv E	732	26 S1	80 oct. S blkd.
Dalton (Flushing, Mich)	2 ESE;riv W		26 S4	80 oct. Data unver.
DETROIT H Fac (Mich)	201 (D)	329°,2.2	MHW	Detroit City Airport.
Doherty (Clare, Mich)	1 NE;hwy W	840	21 S1	80 oct. Rough-caution.
Elsie (Mich)	0.3 SSE;RR NNE	730	19 S2	80 oct. Bldg W.
Evart (Mich)	1 WSW;RR S	1035	24 S1	80 oct. P-line N,S.
FLINT H Fac. (Mich)	335(FN)(116.1)		MHTV	(3); 116.1
Forrest (Fostoria, Mich)	3.4 S;riv SE	830	24 S1	80 oct.P-line sur fld.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GLADWIN H Fac. (Mich)	257 (GU		MHT	(4)
(P) Gladwin (Mich)	0.5 SSE;riv W	780	35 L3 S2	80 oct.
GRAND RAPIDS Range (Kent Co)	329(GR)(116.1)	303°,2.0	BMRLZ-DTV	(4); 116.1 (Mich)
Grand River Arpk (Comstock Park, Mich)	0.4 SW;riv E	614	30 S2	Fuel & sto.P-lines S, N.
Greenville (Mich)	2.5 S;RR E	800	22 S2	80 oct.Poles W,NE,E
Harbor Beach (Mich)	2.5 W;rd S	670	20 L S2	80 oct.Floods prior req. Poles SE,NE.
Harrison (Mich)	2.3 NNW;hwy E	1100	26 S2	80 oct S blkd.Ctn-rough.
Hastings (Mich)	3.2 WNW;RR SW	802	34 S3	80 oct. P-line N.
Houghton Lake (Houghton Hgts)	1.2 WNW;lk NNE	1150	27 S2	73,80 oct.Rdo twr W,N lgtd.
Howell (Mich)	0.8 N;lake E	930	20 L1 S1	80 oct.
Ionia (Mich)	3 S;hwy W	810	24 S6	73 oct. Poles W.
Jack Barstow (Midland,Mich)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct.Bcn prior req.(Mich)
JACKSON H Fac. (Mich)	257 (JN)		MHT	(4)
Jewett (Mason, Mich)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
Johnson's (Ithaca, Mich)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto.
(P) [Kellogg] (Battle Creek,Mich)	3 WSW;RR bed W	936	62h L5 S6	80-100 oct.Lgts on req.
(P) [Kent Co.] (Grand Rapids,Mich)	3.5 S;RR NE	681	44h L3 S6	80,91 oct.Obst sur fld.Rdo reps
Lakeview (Mich)	1.1 NNE;lake S	900	19 S6	80 oct. Poles N.
LANSING Range (Capital City)	206 (LJ)	280°,3.0	SBMRAZ-DT	(4) (Mich)
(P) Lapeer (Mich)	2.4 ENE;RR S	830	34 S6	80 oct.Poles NW;bldg W,SW
La Porte (W.Branch,Mich)	6 SE;RR W	890	26	P-line NW.Trees NE,SW.
Leach (Hartford, Mich)	1 NNW;RR E	664	26 S5	80 oct.
(P) Lindbergh (Kalamazoo,Mich)	3 W;RR W	872	40h S6	80,91 oct.P-line SE,S.
Maple Rapids (Mich)	Adj E	750	26 S3	80 oct. Data unver.
Marks (Lawton, Mich)	1 N; RR S	770	25 S5	80 oct. Poles W, ENE.
(P) Mecosta Co.,5,GR-TG(Mich) (Big Rapids, Mich)	1.5 NW;RR E	928	39 L3 S4	80 oct. Pole SE
Miller (Eaton Rapids,Mich)	1 ENE;riv W	908	21 S1	80 oct.
Mt. Pleasant (Mich)	2.2 NE;riv N	755	36 S4	80 oct.E,SE,SW,W,NW blkd
MUSKEGON Range (Muskegon Co)	263 (UK)	317°,2.8	BMLZ-DT	(4) (Mich)
Newaygo (Mich)	0.8 SSE;hwy W	785	20 S5	80 oct. Trees S.
Northside (Muskegon,Mich)	5.4 NNE	598	29 S4	80 oct. All appchs blkd. Ctn-use strips.
(A) Oscoda AAF (Mich) (A)	3.5 NW;lake E	605	50h	
Park Twnship (Holland,Mich)	3 WNW;bay S	612	27 L4 S6	80 oct.No bcn.Lgts prior req. Poles S,SE,W.
Paw Paw (Mich)	2 N;riv E		26 S3	80 oct. Data unver.
Pontiac (Mich)	6.4 WNW	970	21h L4 S6	80,91 oct.
(P) Reynolds (Jackson, Mich)	2.5 WNW;RR S	990	40h L5 S6	80 oct.P-line SE,S.Lgts on req
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116.1
Roscommon (Mich)	2.5 SE;RR NE	1100	42	P-line S.
Roscommon Co.(Prudinville)	4.5 N;riv N	1150	24	Trees sur fld. (Mich)
SAGINAW H Fac. (Mich)	212 (SI)		MHT	(4)(cont)
Saginaw (Mich)	4.5 E;RR N	601	33 L4 S4	80,91 oct.Poles S,SE,SW. Lgts on req.
St. Clair Co.(Port Huron,Mich)	5.5 SW;hwy S	650	23 L1 S5	80 oct.Poles NE,SE,SW,NW
St. Helen (Mich)	0.9 SE;RR NE	1153	26	
Saugatuck-Douglas (Douglas, Mich)	2 S;hwy W		26 S1	73 oct. Data unver.
Seely's (Davison, Mich)	4 WSW;RR N	780	20 S6	80 oct.N,NE blkd.
SELFRIDGE Army Range (Mt. Clemens, Mich)	388 (DLD) •	119°,2.0	SBMRAZ	(3); 126.18
SELFRIDGE Tower (Mich)	396 (126.18)+		CA (ILS-W)	(3) only.
(A) Selfridge (Mt.Clemens,Mich) (A)	3 E;lake NE	583	60h L5 S6	73,100 oct.IP-1.Poles E. FOREIGN CLEAR.STN.
Shiawassee Co.(Owosso,Mich)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Skyhaven (Saginaw,Mich)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Sparta (Mich)	2.7 SE;RR W	752	25 S6	80 oct. Trees SE.
Timbers Sky Camp (S.Branch)	0.2 NE;riv E	950	24 S1	80 oct. (Mich)
(P) [Tri-City] (Saginaw,Mich)	10 NW;RR SW	660	57h	"SVC & L6 LGTS FOR PCA
West's (Clio, Mich)	4 SW;rd E	690	21 S2	80 oct. ONLY"
White Cloud (Mich)	0.5 N	872	18	Twr SE.P-lines NE,SW.
Wings (Utica, Mich)	2.5 SW;RR E	630	23 S1	73 oct.N,NE blkd.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LC	LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5		332.6	184°	IM- (0,23)	MM- ••••••(0,83)	OM- — — (4,31)
						MMH-	OMH-
					IM-	MM-	OM-
						MMH-	OMH-
					IM-	MM-	OM-
						MMH-	OMH-

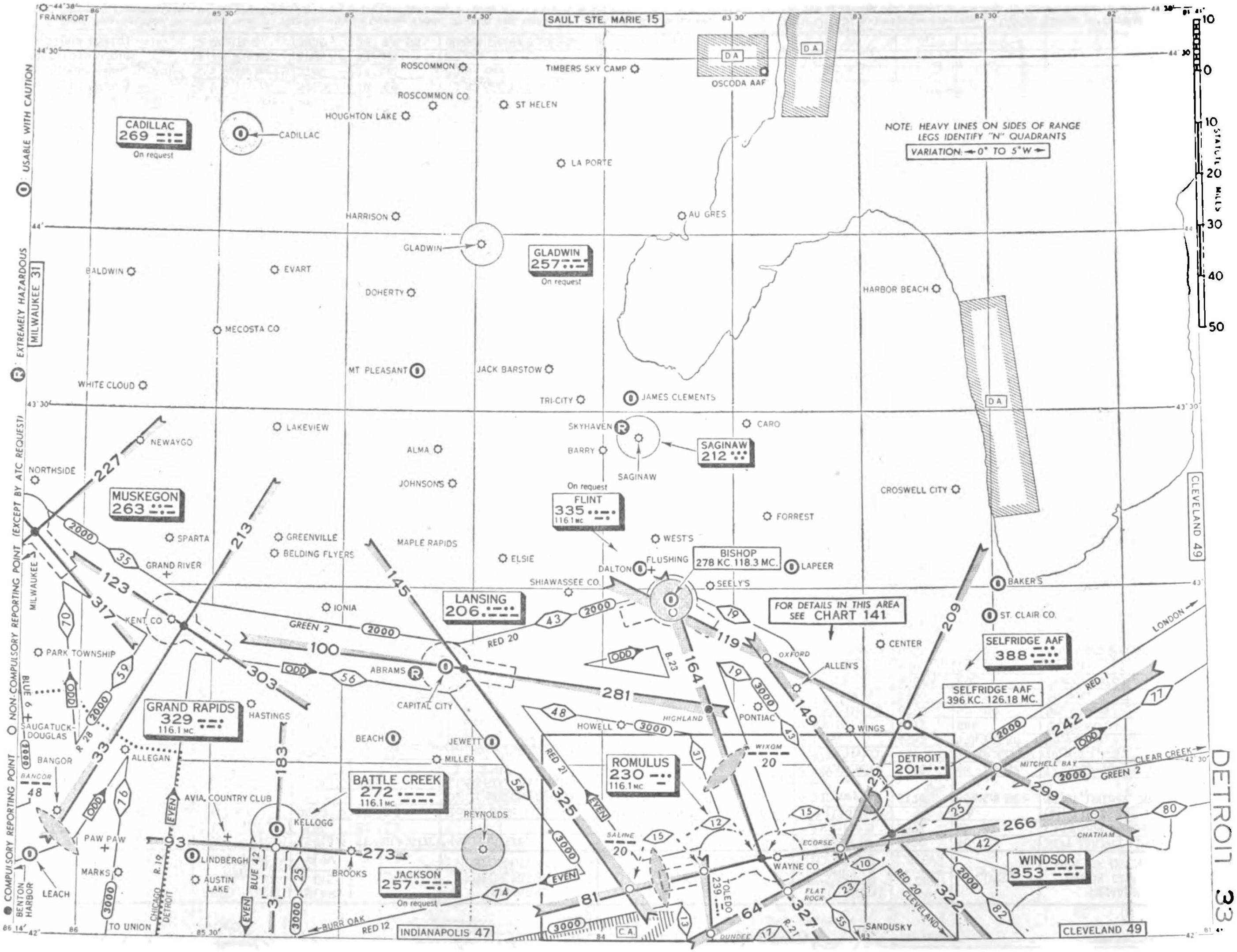
NEW FACILITIES

(NG) Wayne Co. (Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct.1-ech main NG. ARPT OF ENTRY
Flushing (Mich)	2 ESE;riv W		26 S4	80 oct.Soft-wet weather. Data unver.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.

Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 **and 111.1 mcs.** + – **Army** A.C.S. **transmits on** and guards 116.1, 137.88, **140.58 mcs.**
◆ **A.A.C.S.** Scheduled Broadcast on 4765 kcs. (First **Figure** is Scheduled time, Second Alternate **time)** * – **Guarded only when associated tower inoperative.**

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
–►– New or revised **data.** [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. **Airports are** indented **and** non-capitalized.


SAULT STE. MARIE 15
FRANKFORT
ROSCOMMON
TIMBERS SKY CAMP
OSCODA AAF
ROSCOMMON CO
ST HELEN
HOUGHTON LAKE
CADILLAC
CADILLAC 269 On request
LA PORTE
HARRISON
AU GRES
GLADWIN
GLADWIN 257 On request
BALDWIN
EVART
DOHERTY
HARBOR BEACH
MECOSTA CO
MT PLEASANT
JACK BARSTOW
WHITE CLOUD
TRI-CITY
JAMES CLEMENTS
LAKEVIEW
SKYHAVEN
CARO
NEWAYGO
ALMA
BARRY
SAGINAW 212
SAGINAW
NORTHSIDE
JOHNSONS
On request
FLINT 335 116.1 MC
CROSWELL CITY
MUSKEGON 263
SPARTA
GREENVILLE
BELDING FLYERS
MAPLE RAPIDS
FORREST
WEST'S
ELSIE
BISHOP 278 KC 118.3 MC.
FLUSHING
DALTON
LAPEER
SHIAWASSEE CO.
SEELY'S
GRAND RIVER
IONIA
LANSING 206
BAKER'S
FOR DETAILS IN THIS AREA SEE CHART 141
KENT CO
ST. CLAIR CO.
PARK TOWNSHIP
CENTER
SELFRIDGE AAF 388
OXFORD
ALLEN'S
ABRAMS
SELFRIDGE AAF 396 KC. 126.18 MC.
CAPITAL CITY
GRAND RAPIDS 329 116.1 MC
HASTINGS
SAUGATUCK-DOUGLAS
BEACH
JEWETT
HOWELL
PONTIAC
WINGS
MILLER
ALLEGAN
BANGOR
ROMULUS 230 116.1 MC
DETROIT 201
WIXOM
MITCHELL BAY
CLEAR CREEK
BATTLE CREEK 272 116.1 MC
AVIA, COUNTRY CLUB
KELLOGG
REYNOLDS
SALINE
ECORSE
WAYNE CO
PAW PAW
MARKS
LINDBERGH
AUSTIN LAKE
BROOKS
CHATHAM
WINDSOR 353
JACKSON 257 On request
LEACH
BENTON HARBOR
TOLEDO 239
FLAT ROCK
SANDUSKY
TO UNION
BURR OAK
INDIANAPOLIS 47
CLEVELAND 49
DUNDEE
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 0° TO 5°W
STATUTE MILES
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
DETROIT 33

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
AKRON Range (Colo)(Int.)	368(RN)(vhf)	154°,3.6	SBMRAZ-DTV	(4);116.1,122.1
★ Akron Int,9,DV-GI(Colo)	3.9 SE;RR N	4585	53 L3	
★ Alvin Int,15,DV-GI(Colo)	3.5 NNE	3600	40 L3	Roads S,N.
→ ANTON Range (Colo)				DECOMMISSIONED
(A) Arlington #4 (La Junta, Colo) (A)	28 NNE	4424	70h	CLOSED. Arlington 3.3 WNW.
Bayard (Nebr)	1.3 SSW;RR N	3760	25 S2	No fuel. Poles N,E,NW,
* Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	P-line E. (Nebr). SE.
Burlington (Colo)	0.5 W	4160	32	P-line S,N.
Chappell (Nebr)	3 E;RR SW	3830	26 L1 S2	73 oct. P-line W.
CHEYENNE Range (Wyo)	326(CX)(vhf)	76°,0.9	SBRAZ-DTV	(3); 116.1, 122.1
→ CHEYENNE Tower (Wyo)	278(126.18, 118.3)		C	(4);118.3,126.18,122.5
(NG) [Cheyenne] (Wyo)	1 N;lakes WNW	6156	79h L6 S6	80,91 oct.;73,91,100 oct.for Army.80,100 oct,2-ech maint NG. Poles W.
COLORADO SPRINGS Range (Peterson) (Colo)	224 (CD)	166°,3.9	MRLWZ	
(P) Craig (Colo)	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Cress (Westcliffe,Colo)	6 NW	8000	30 S1	80 oct.
DENVER Range (Stapleton) (Colo)	379(DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER Range (Stapleton) (Colo)	109.1(DV) (vhf)	211°, 9.7	VAR-DTXV	(3);116.1,122.1
Doughty's (Julesburg)	12 ESE	3600	18	PRIV.Use in emerg.
Douglas (Akron,Colo)	0.8 N	4400	28 S1	73 oct. (Colo)
Eads (Colo)	1.3 WSW;RR N	4210	46 S6	80 oct.No sto.Poles NE.
EAGLE Range (Colo) (6 mi ENE Eagle)	108.3 (EQ) (vhf)		BVAR-DTV	3105,3117.5; 116.1, 122.1
Eagle (Colo)	4.5 WSW;RR N	6496	34	
Estes Park (Colo)	2 SE;riv N	7635	30	Closed till June 1947.
Flagler (Colo)	0.8 S;RR N	4975	48 S4	80 oct.20' p-line E.
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE.
Fremont Co.(Canon City, Colo)	6.9 E;riv S	5350	49 S2	80 oct.Rnwy data unver. (Colo)
General Brees (Laramie)	4 W;riv SE	7270	63h L5 S6	73,91,100 oct. (Wyo)
Glenwood Sprgs.(Colo)	2 S	5900	38 S1	73 oct.
Granby (Colo)	1 ENE;riv W	8200	39 S1	80 oct.
Gregg (Pueblo, Colo)	6 N;RR,hwy E	5000	40 S1	80 oct.
Holyoke (Colo)	1.8 ESE	3720	35 S4	80 oct. RR NW.
Hugo (Colo)	1.5 E;RR S	5034	26 S1	80 oct.
→ Idle Acres (Potter,Nebr)	11.8 N;hwy N	4630'	21 S4	80 oct.P-line W.Data unver.
Julesburg (Colo)	2.8 SW;hwy W	3490	24 S6	80 oct. (Colo)
LA JUNTA Range (AAF)	281(LH)(116.1)	194°,2.6	SBMRLZ-DTV	(4);116.1,122.1
LARAMIE Range (General Brees) (Wyo)	245(LR)(vhf)	137°,2.2	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Las Animas (La Junta, Colo) (A)	19 NE	4119	70h	CLSD.Las Animas 5.9 mi SSE.
Lorenzo (Nebr)	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct.Cattle on fld.
Medicine Bow,31,SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct. (Wyo.)
Meeker (Colo)	1.3 E;hwy S	6300	31 S1	80 oct
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	(Colo)
Mitchell (Nebr)	1.6 S;riv N	3950	40 S6	73,80 oct.Trees,poles
Montrose Mun. (Colo)	1.5 NNW;hwy S	5780	58 S2	80,91 oct. NW.
Montrose (Colo)	1.3 S;RR NE	5800	33 S4	80 oct.
Ogallala (Nebr)	2 W;RR S	3250	26 L1 S6	80 oct.Poles S,SE,SW.
Ordway (Colo)	0.9 S;RR N	4300	40	NOT MAINTAINED.
Oshkosk (Nebr)	1.8 SE;riv S	3375	21 S1	Ltd 80 oct.Poles NW,NE
PETERSON Tower (Colo)	272 (126.18)		CA	(4); 116.1, 126.18
(A) [Peterson](Colorado Springs, Colo)(A)	6.3 E;hwy N	6170	85h L5 S6	73,91,100 oct. No sto.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	73 oct.P-line N.(Wyo)
PUEBLO Range (Colo)	302(PU)(vhf)	340°,2.0	SBRAZ-DTV	(3);116.1,122.1
(P) [Pueblo] (Colo)	2.1 SW	4853	53h L5 S6	80,91 oct.
(A) Pueblo AAB (Colo)(A)	7 NE;RR S	4712	88h	CLOSED.
→ Rawlins (Wyo)	2.3 NE;RR 1 S	6780	52 S4	80, 91 oct.
(P) Rifle (Colo)	3.3 E;riv N	5400	42 S2	80 oct.
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 mi.S.
Roderick (Lindon,Colo)	4.3 N;riv E	4900	26 S1	73 oct. (Colo)
Royal Gorge (Canon City, Colo)	6.4 NW;hwy N	6320	26 S2	80,91 oct.P-line N
(P) Saguache (Colo)	2 W;hwy NE	7700	48 S1	80 oct.
St. Francis (Kans)	1 SSE;riv NW	3400	35 S2	80 oct.
Salida (Colo)	4 W;RR S	7500	36 S2	80 oct.
Saratoga Mun. (Wyo)	0.7 SSW;hwy E	6900	47 S1	80 oct.P-line ESE.
Schwartz-Johnson (Sidney, Nebr)	1.6 SSE;RR N	4120	32 S1	73,80,91 oct.Hwy N
SCOTTSBLUFF Range (Nebr)	341(TF)(116.1)	301°,3.1	SBMRLZ-DTV	(4);116.1,122.1
(P) [Scottsbluff] (Nebr)	3.3 E;hwy S	3945	82h L5 S1	80,91 oct.Lgts on req.
Sharon Springs (Kans)	1.2 NW;RR S	3500	32 S1	80 oct. P-line E.
SIDNEY H Fac. (Nebr)	314(SD)(116.1)	350°,0.0	BH-DTV	(4);116.1,122.1
→ * Sidney Int,50,SL-OH	3 W;RR N	4132	36 L3	(Nebr)
SINCLAIR Range (Wyo)(Int)	209(XP)(116.1)	80°,1.7	SBMRAZ-DTV	(4);116.1,122.1
* Sinclair Int,27,SL-OH	3.8 ENE;RR S	6561	50 L3	
Stake's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct. (Colo)
STAPLETON Tower (Colo)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,126.18,118.7
[Stapleton](Denver,Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
(P) Starr Nelson(Delta,Colo)	4 E;rd N	5200	40 S4	80 oct.
Teter (Fairplay,Colo)	3 SSE;hwy E	9700	67	
(P) Trading Post(Kit Carson)	0.8 NW;crk E	4290	40	PRIV.P-line S.(Colo)
Valley (Silver Cliff,Colo)	0.7 ESE	8000	40	Hwy W.
Walden (Colo)	1.5 N;hwy W	8250	63 S1	80 oct.
Wamsutter Int,22,SL-OH	2.4 NNW;RR S	6812	50 L3	35' pole line SW.(Wyo)
Wray (Colo)	1.2 NNW;RR S	3400	30 S1	Ltd 73 oct.
(P) Young (Ft.Morgan,Colo)	6 N;hwy E	4460	54 S6	73,80 oct.Rnwy data unver.
Yuma (Colo)	1.4 SSE;RR N	4150	35 S6	73 oct.Poles S,SW

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
STAPLETON	110.3	335	206°	IM-	MM-•—•—(0.65)	OM- ——(4.19)
					MMH-335 •••—	OMH-359 —••
				IM-	MM-	OM-
					MMK-	OMK-

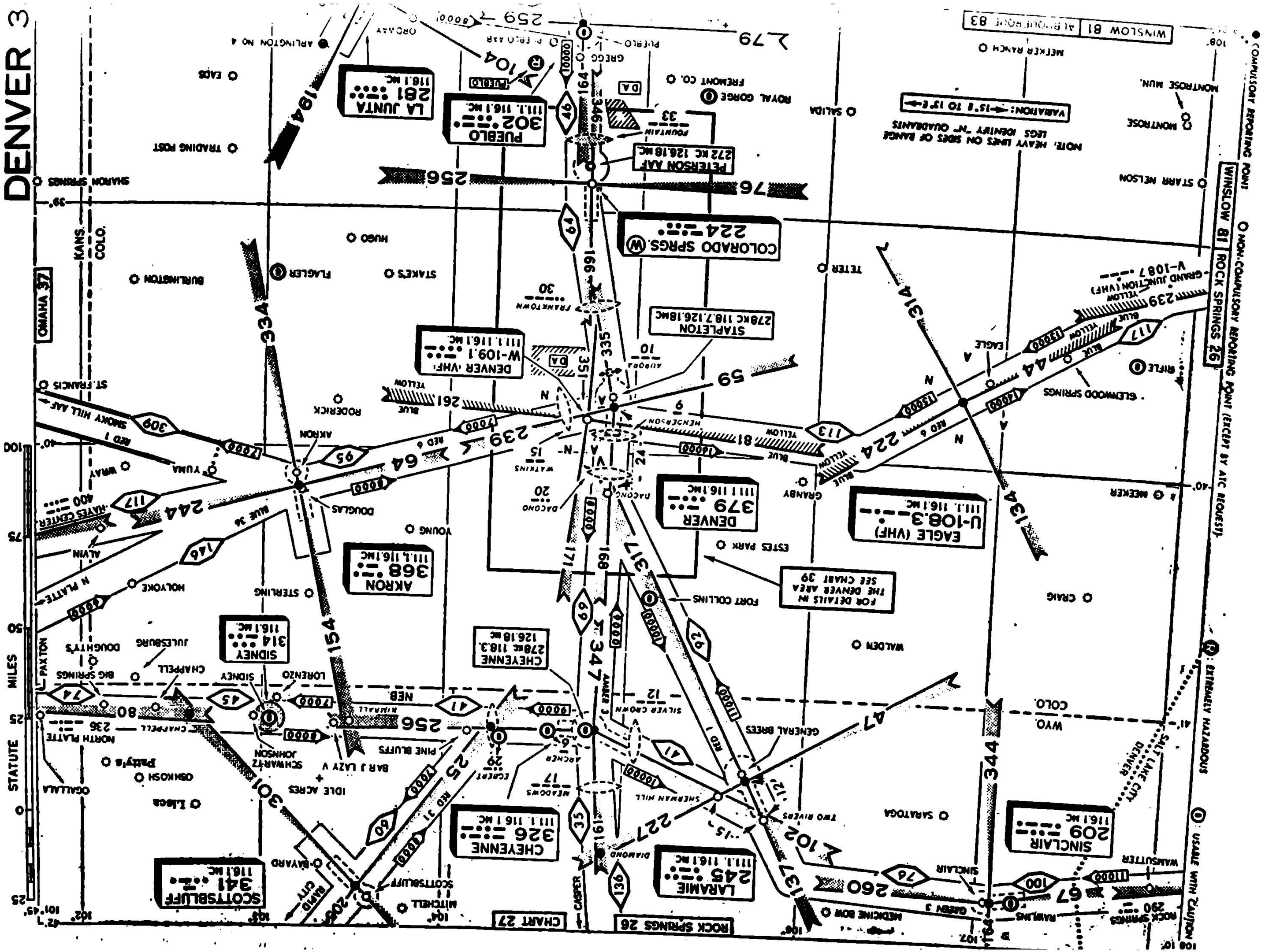
NEW FACILITIES

→ Bar J Lazy V (Potter,Nebr)	5.3 SW;rd E	4550	27 S2	80 oct.
→ O'Conta (Wisc)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver.
→ (P) Sterling (Colo.)	2.8 W;RR S	4020	37 S6	73,80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★ - Guarded only when associated tower inoperative.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

DENVER 3


COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
WINSLOW 81 | ROCK SPRINGS 26
WINSLOW 81 | ALBUQUERQUE 83
LA JUNTA 281 118.1 MC
PUEBLO 302 111.1 116.1 MC
PETERSON AAF 272 KC 126.18 MC
COLORADO SPRGS. 224 (W)
DENVER (VHF) W-109.1 111.1 116.1 MC
STAPLETON 278 KC 118.7 126.18 MC
DENVER 379 111.1 116.1 MC
EAGLE (VHF) U-108.3 111.1 116.1 MC
AKRON 368 111.1 116.1 MC
SIDNEY 314 116.1 MC
CHEYENNE 278 KC 118.3 126.18 MC
CHEYENNE 326 111.1 116.1 MC
LARAMIE 245 111.1 116.1 MC
SCOTTSBLUFF 341 116.1 MC
SINCLAIR 209 116.1 MC
ROCK SPRINGS 290
CHART 27
ROCK SPRINGS 26
VARIATION: 15° E TO 13° E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
FOR DETAILS IN THE DENVER AREA SEE CHART 39
KANS.
COLO.
WYO.
NEB.
STATUTE MILES
OMAHA 37
SALT LAKE CITY DENVER
ALBUQUERQUE
GRAND JUNCTION (VHF)
V-108.7
SMOKY HILL AAF
PUEBLO AAR
PETERSON AAF
FALCON AFB
PEYTON
ARLINGTON NO 4
EADS
TRADING POST
SHARON SPRINGS
HUGO
FLAGLER
STAKES
BURLINGTON
ST. FRANCIS
ROCKRICK
AKRON
WRAY
YUMA
HAYES CENTER
ALVIN
HOLYOKE
N PLATTE
PAXTON
JULESBURG
DOUGHTY'S
BIG SPRINGS
CHAPPELL
SIDNEY
LORENZO
STERLING
YOUNG
DOUGLAS
NORTH PLATTE
OSHKOSH
OGALLALA
Patty's
Libsa
IDLE ACRES
SCHWARTZ JOHNSON
BAR J LAZY V
PINE BLUFFS
KIMBALL
FRANKTOWN
DACONO
WATKINS
MEADOWS
ARCHER
SILVER CROWN
SHERMAN HILL
DIAMOND
AUGORA
EAGLE
RIFLE
GLENWOOD SPRINGS
NEWCASTLE
GRANBY
FRASER
TETER
ESTES PARK
FORT COLLINS
WALDEN
CRAIG
SARATOGA
MEDICINE BOW
RAWLINS
GREEN 3
WAMSUTTER
SINCLAIR
MONTROSE
MONTROSE MUN.
NEEKER RANCH
STARR NELSON
NEEKER
ROYAL GORGE
SALIDA
FREMONT CO.
MITCHELL
GAYARD
RAPID CITY
CASPER
TWO RIVERS
GENERAL BREES
SILVER CROWN
ECKERT
ALBUQUERQUE
GRAND JUNCTION (VHF)
V-108.7
259
79
104
194
256
76
64
239
64
224
134
59
314
347
344
154
301
25
102
137
227
191
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260
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OMAHA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Abilene (Kans)	1.7 WSW;RR N	1100	29 S6	80 oct. Trees E. P-line
Arrow (Lincoln, Nebr)	4.8 NE;hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts. SE when wet
Atwood (Kans)	2 N;hwy W	2900	26 S6	80 oct. Data unver. Soft
(P) Beatrice (Nebr)	3.5 N;hwy E	1260	38h L3 S4	80 oct. Twrs S,SW; poles S. Rnwy data unver.
Belleville (Kans)	1.8 WSW;hwy S	1520	24 S2	73 oct.
Benkleman (Nebr)	1.2 NNE;RR SE	2990	28 S2	80 oct.
Bern (Kans)	0.6 S;RR N	1300	26 S1	80 oct. Pwr line N.
Blosser (Concordia, Kans)	1 SSE;hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
* Brainard Int, 82, SL-OH	5.5 SW;hwy W	1640	31 L3	(Nebr)
Broken Bow (Nebr)	2 N	2400	30 S6	80 oct.
(A) Bruning AAF (Nebr) (A)	7.7 E;RR N	1544	68h	CLOSED.
Central (Grand Island, Nebr)	1.7 NE;RR S	1851	33 S6	80,91 oct. P-lines W, N
(P) Clay Center (Kans)	1.5 W;hwy S	1200	30 S2	80 oct. Poles S,NW.
Clay Center (Nebr)	1.5 E;hwy N	1800	26 S2	80 oct.
Clothier (Cedar Point, Kans)	4 SSW;creek E	1320	20 S2	73 oct.
Colby (Kans)	1.8 N;RR S	3150	42 S2	80 oct. Poles SW,W.
Columbus (Nebr)	1.3 NE;RR S	1445	26 S6	P-line SSE,SSW.
→ Crete (Nebr)	1 S;RR NE	1368	24 L3 S6	80,91 oct. Lgts prior req
David City (Nebr)	1.5 N;hwy W	1640	22 S2	80 oct. Windmill E.
Downs (Kans)	Adj SW;RR N	1550	20 S2	80 oct. RR NW. Data unver.
Eddie Hutton (Brewster, Kans)	1 SE;RR N	3420	35 S2	73 oct.
Elgin (Nebr)	0.8 SW;RR E	1930	16 S6	80 oct. Bldgs SE,N.
Elkins (Wakefield, Kan)	1 SSE;riv NE	1170	13 S1	80 oct. Poles W.
Ellinwood (Kans)	1.5 NW;RR S	1790	26 S1	73 oct. Poles N.
Emporia (Kans)	5.4 S;hwy E	1200	26 S6	80 oct. Poles E,SE,NE
Fairbury (Nebr)	2.5 NNE;RR SE;hwy SE	1316	26 L S6	80 oct. Port rnwy lgts P-line W,NW,S.
(A) Fairmont AAF (Geneva, Nebr) (A)	4.8 NE	1639	70h	CLOSED
(P) Fremont (Nebr)	1.4 WNW; RRs NE	1203	38h S4	80,91 oct. P-line N, NE,E,SE.
Giffin-Orton (Hoisington, Kans)	1.3 NE;hwy S	1870	25 S2	80 oct. Poles S.
GOODLAND H Fac. (Kans)	353 (GN)		HW-T	
GOODLAND Range (Kans)				DECOMMISSIONED.
(P) Goodland (Kans)	2 NNE;RR N	3689	37 S6	80,91 oct. Trees NW
→ Gothenburg (Nebr)	0.7 E;hwy S	2550	32 S2	80 oct.
GRAND ISLAND Range (Nebr)	263 (GI)(vhf)	165°, 1.3	SBMRLZ-DTV	(4); 116.1, 122.1
GRAND ISLAND AAF → Tower (Nebr)				DECOMMISSIONED.
(A) Grand Island AAF (Nebr) (A)	3.5 NE;RR W	1843	72h	CLOSED.
(A) Great Bend AAF (Kans) (A)	4.5 WSW	1891	80h	CLOSED.
Great Bend Arpk. (Kan)	1.6 NNE;RR W	1850	26 S2	80 oct. Poles W.
(A) Harvard AAF (Nebr) (A)	2.5 NE	1817	76h	CLOSED.
Hastings (Nebr)	1.5 NW;RRs N,S	1940	35 S6	73 oct.
→ Hastings Sky Ranch (Nebr)	3.2 WSW;RR N	1960	26 L S6	80,91 oct. Port rnwy lgts. P-line S,W. unver
Hawks (Bruning, Neb)	4.3 ESE. hwy N	1555'	26 S2	90 oct. Soft when wet. Data
HAYES CENTER Range (Nebr)	(400)(KB)(vhf)	64°, 2.2	SBMRAZ-DTV	(4); 116.1, 122.1
* ∧ Hayes Center Int, 21, DV-GI (Nebr)	3 ENE;rd S	3074	51 L3	
Hays (Kans)	1.5 E;RR S	2020	29 L S6	80,91 oct. Port rnwy
Hebron (Nebr)	1 S;RR W	1458	26 S4	80 oct. S appch lgts. 6:1, SW 10:1.
Herington (Kans)	1.5 SE;RR W	1450	27 S6	80 oct. P-line N. Data unver
(A) Herington AAF (Kans)	7.5 ENE	1485	69h	CLOSED. (A)
Hewett's (Beaver City, Nebr)	2.5 NNE; hwy S	2300	40 S1	73 oct. Pole NNW, SSW. Bldg N.
Hiawatha (Kans)	1.3 WSW;RR E	1110	24 S1	80 oct. Pwr line N.
Holdredge (Nebr)	2 NNE;crk S	2324	26 S4	80 oct.
Holyrood (Kans)	0.5 ESE;RR N	1820	17 S1	73 oct. Poles N.
Huntoon (Topeka, Kans)	5.4 W;riv N	1000	18 S6	80 oct. Pwr line N.
Imperial (Nebr)	1 ESE;RR SW	3280	36 S4	80 oct.
Janssen Skytel (Mc Pherson, Kans)	1.5 SW;hwy N	1500	22 S6	80 oct. Hi-line W. Poles E.
KEARNEY Army H. Fac.	536 (DKR)	130°, 5.3	HW	(Nebr)
KEARNEY AAF Tower	396 (126.18)		CA	(4); 126.18 (8-1630)
(A) Kearney AAF (Nebr) (A)	4.5 ENE;RR S	2130	73h L5 S6	73,91,100 oct. JP-1. No sto
Kearney (Nebr)	4.5 S;riv N	2145	15 S1	80 oct. Trees N;p-line E
Larkinburg (Kans)	0.3 E;hwy N	947	27 S2	80 oct. Hi-lines N. Data unver.
Larned Mun. (Kans)	1.6 NNE	2012	33 S6	80,91 oct. RR SE.
LEBO Range (Int.) (Kans)	311(LN)(vhf)	336°, 0.0	BMLZ-DTV	(4); 116.1, 122.1
→ * Lebo Int, 39, AQ-KC	4 ENE;RR N	1160	33 L3	(Kans)
Lenora (Kans)	1.2 NNW;hwy S	2325	29	
→ Lexington (Nebr)	1.7 NW, RR, hwy S	2400	28 S6	80 oct. P-line NE,E,SE.
LINCOLN Range (Nebr)	385 (HK) (116.1)	170°, 2.4	SBMRLZ-DTV	(4); 116.1, 122.1
(NG) [Lincoln] (Nebr)	5.5 NW;RR NE	1190	71h L5 S6	80,91,100 oct.
Lyons (Kans)	1.4 W;hwy N	1950	26 S6	80 oct. P-line N.
Manhattan (Kans)	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan, Kans)	3.7 ENE;hwy S	1050	30 S6	80,91 oct. Poles sur fld.
→ Mankato (Kans)				ABANDONED
(P) Marion (Kans)	1.8 ESE;RR W	1370	36 S2	80 oct. P-line SE.
MARSHALL Army Range (Ft. Riley) (Kans)	215 (DFY)	196°, 4.0	SBMRAZ	
MARSHALL Tower (Kans)	396 (126.18)		CA	(3); 126.18
(A) Marshall (Ft. Riley, Kans) (A)	1.8 SE	1082	45h L5 S6	73,91,100 oct. Ditch E, S.
McCook (Nebr)	2.2 E;RR S	2586	42 S4	80 oct. Windmill N Hwy
(A) McCook AAF (Nebr) (A)	9 NNW;hwy E	2784	75h	TMP INACT. NO FACS. S
McPherson (Kans)	4 NNE;RR W	1500	26 S6	80 oct. Soft when wet. Poles E.
Moritz (Beloit, Kans)	1.2 NW;RR S	1420	24 S2	73 oct. Trees E.
MORLAND Range (Kans)				DECOMMISSIONED.
Moundridge (Kans)	2.2 WNW	1485	17 S2	Ltd 80 oct. Poles W RR
(P) Norfolk (Nebr)	3 SSW;RR W	1572	58h S4	73 oct. Riv N. NE.
NORTH PLATTE Range (Nebr)	236(NQ)(vhf)	352°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
(P) [North Platte] (Nebr)	3.2 ESE;riv SW	2779	55h L5 S6	73,80,91,100 oct.
(P) Norton (Kans)	0.7 NNW;hwy E	2365	52 S3	73 oct. P-line E,S.
Oberlin (Kans)	0.9 NW;RR SE	2684	25 S1	80 oct. P-line SE,NE.
Ohiowa (Nebr)	3 SW	1572	20	Fence sur fld. Data unver.
OMAHA Range (Nebr)	320(OH)(vhf)	146°, 0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE;lk W	982	54h L6 S6	73,80,91,100 oct. No contact lgts.
100th Meridian (Cozed, Nebr)	0.8 SW;RR N	2490	22 S1	80 oct. P-line E.
→ Ord (Nebr)	1.8 NW, RR, hwy E	2000'	31 S4	80 oct. Use strips.
* Overton Int, 69, SL-OH (Nebr)	4.8 E;RR S	2300	40 L3	Bldgs, trees NW; poles NE.
PHILLIP BILLARD Tower → (Topeka, Kans)	278		C	(4)
[Phillip Billard] (Topeka, Kans)	3.5 ENE;RR S	879	42h L5 S6	80, 91 oct.
(P) Phillipsburg (Kans)	1.5 S;RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan, Kans)	1.4 NE;RR SE	1100	20 S4	80 oct. Poles SE,NW,NE
Republican City (Nebr)	0.5 NW;RR S		30 S6	80,91 oct. Flares in emerg.
Russell (Kans)	2.7 ESE;RR NE	1860	30 S4	80 oct. No sto. Poles N,S,NE.
SALINA Range (Kans)				DECOMMISSIONED.
Salina (Kans)	2.5 SE;riv W	1275	26 S6	80, 91 oct.
Schuyler (Nebr)	2.5 W;bet RR and hwy		25 S4	80 oct. Data unver.
Scott City (Kans)	1.3 ESE hwy N	2980	25 S1	73 oct. P-line N,NE, NW,SW.
(A) Scribner AAF (Nebr) (A)	4.1 SSE;hwy N	1315	67h	CLOSED.
Seneca (Kans)	0.5 W;RR S	1250	24	Poles N,S.
Sky Village (Salina, Kans)	6.6 WSW;RR SE	1270	22 L S6	80 oct. Port rnwy lgts P-line S.
Smith Center (Kans)	1 SSW;RR NW	1806	27 S1	80 oct.
SMOKY HILL Army Range (Salina) (Kans)	344 (DSN)	170°, 5.05	BMRLZ-DT	(4)
SMOKY HILL AAF Tower (Kans)	396 (126.18)		CA (ILS-W)	(4); 126.18
(A) Smoky Hill AAF (Salina, Kans) (A)	4.5 SW;RR E	1289	100h L5 S4	73,91,100 oct. No sto.
Summerfield (Kans)	0.3 SSE;RR W	1450	20 S2	80 oct. P-line N,NW.
TARKIO H Fac. (Mo)	281 (TK) (116.1)		MHTV	(4); 116.1, 122.1
Tarkio, 10, KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct. Trees N.
TOPEKA VHF Range → (Kans)				DECOMMISSIONED
TOPEKA Army Range (Kans)	269 (DTO)	32°, 3.5	BMRAZ	(4)
TOPEKA AAF Tower (Kans)	396 (116.1, 126.18)		CA	(3); 116.1, 126.18
(A) Topeka AAF (Kans) (A)	6 S;RR W	1078	65h L5 S6	73,91,100 oct. JP-1 No sto.
Union (Lincoln, Nebr)	4.8 NNE;RR S	1140	18h L3 S6	80,91 oct. All lgts prior req.
WALDO VHF Range (Kans)				DECOMMISSIONED.
(A) Walker AAF (Hays, Kans) (A)	12.5 E;hwy S	1975	80h	CLOSED.
Waverly (Lincoln, Neb)	9 NE;RR SE	1180	20	Poles SE,SSW.
West Point (Nebr)	1.5 E;hwy W		16 S4	80 oct. Data unver.
Wood Arpk (Clay Center, Kans)	3.5 N;hwy W	1260	15 S6	80 oct. No sto. P-line W.
Wright Arpk (Abilene, Kans)	1 SSE;riv S	1150	13 S1	80 oct. S blkd.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

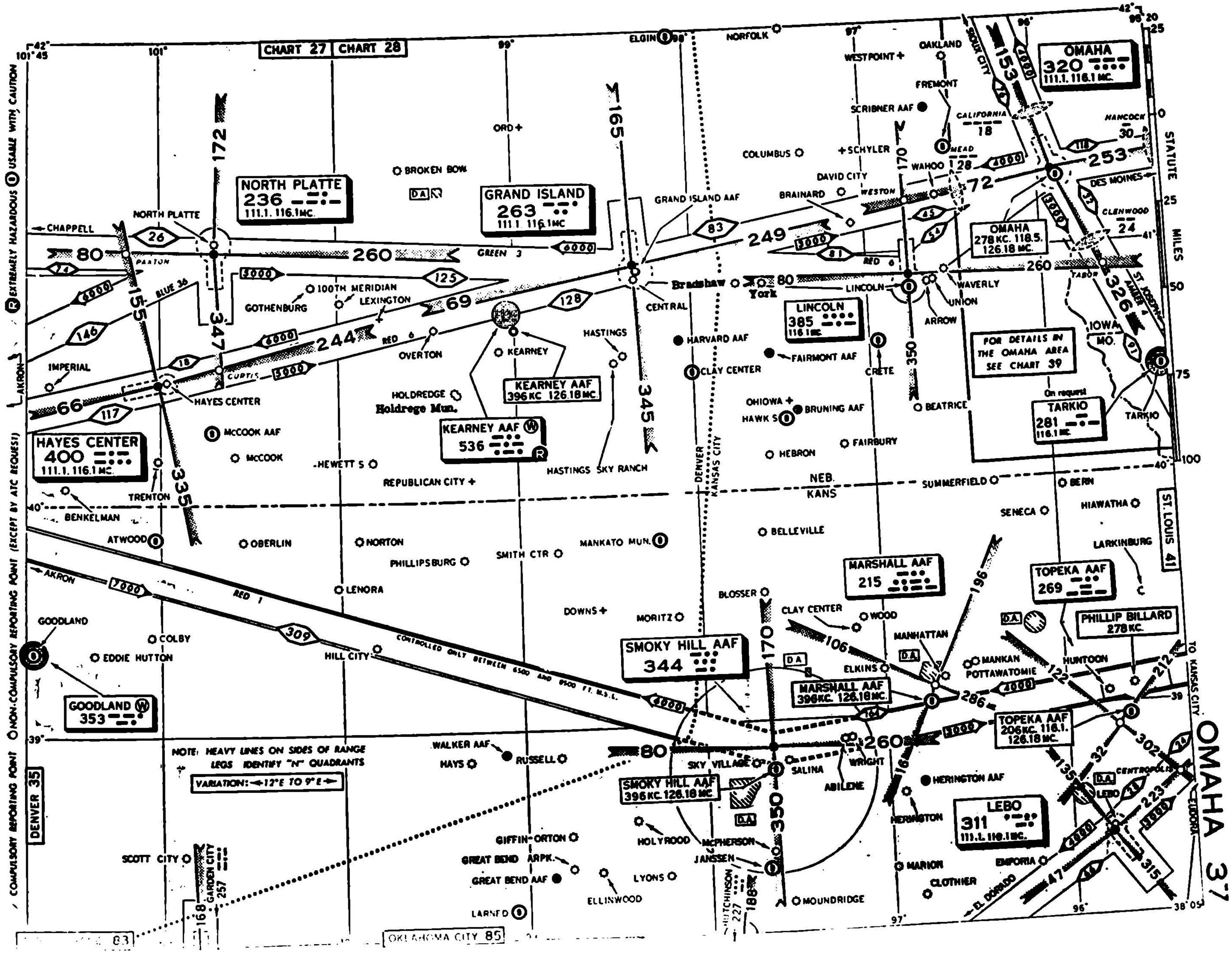
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
GRAND ISL. AAF (A)				DECOMMISSIONED	
OMAHA	110.3	335	135°	IM-	MM- ·—·—(0.78) OM- ——(4.90)
					MMH- 201 ···· OMH- 219 — — —
SMOKY HILL (A)	109.9	333.8	123°	IM- (0.19)	MM- ····· (0.89) OM- ——(4.20)
					MMK- OMK-
				IM-	MM- OM-
					MMK- OMK-

NEW FACILITIES

Hill City Mun. (Kans)	0.8 NE;riv S	2200	28 S2	Sto SW blckd.
Mankato Mun. (new) (Kans)	1.4 NW;RR SW	1840	24 S6	80 oct. Windmill NE
Trenton Mun. (Nebr)	1.3 NW;RR S	2840	27 S2	80 oct. Poles SE.
→ Wahoo Mun. (Nebr)	2.5 NE	1180	25	Poles S.
→ Oakland (Nebr.)	2 W	1320	28 S6	80 oct. Use strips.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and not capitalized.


CHART 27
CHART 28
NORTH PLATTE
236
111.1. 116.1MC.
GRAND ISLAND
263
111.1 116.1MC
HAYES CENTER
400
111.1. 116.1MC.
KEARNEY AAF
396 KC 126.18 MC.
KEARNEY AAF
536
LINCOLN
385
116.1 MC
OMAHA
320
111.1. 116.1 MC.
OMAHA
278 KC. 118.5. 126.18 MC.
FOR DETAILS IN THE OMAHA AREA SEE CHART 39
TARKIO
281
116.1 MC.
On request
SMOKY HILL AAF
344
SMOKY HILL AAF
396 KC 126.18 MC
MARSHALL AAF
215
MARSHALL AAF
396KC 126.18MC.
TOPEKA AAF
269
PHILLIP BILLARD
278KC.
TOPEKA AAF
206KC. 118.1. 126.18 MC.
LEBO
311
111.1. 116.1MC.
GOODLAND
353
DENVER 35
OMAHA 37
ST. LOUIS 41
KANSAS CITY
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 9°E
EXTREMELY HAZARDOUS USABLE WITH CAUTION
COMPULSORY REPORTING POINT NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
CONTROLLED ONLY BETWEEN 6500 AND 9500 FT. M.S.L.
NEB.
KANS
STATUTE MILES
OKLAHOMA CITY 85
ELGIN
NORFOLK
WEST POINT
OAKLAND
FREMONT
SCRIBNER AAF
SIOUX CITY
CALIFORNIA
HANCOCK
DES MOINES
CLENWOOD
ORD
BROKEN BOW
COLUMBUS
SCHYLER
MEAD
WAHOO
DAVID CITY
BRAINARD
WESTON
GRAND ISLAND AAF
CHAPPELL
NORTH PLATTE
PARTON
GREEN 3
RED 6
BLUE 36
GOTHENBURG
100TH MERIDIAN
LEXINGTON
CENTRAL
Bradshaw
York
LINCOLN
WAVERLY
UNION
ARROW
TABOR
IOWA
MO.
AKRON
IMPERIAL
CURTIS
OVERTON
HASTINGS
HARVARD AAF
FAIRMONT AAF
CLAY CENTER
CRETE
BEATRICE
HOLDREDGE
Holdrege Mun.
OHIOWA
HAWK S
BRUNING AAF
McCOOK AAF
McCOOK
HEWETT S
REPUBLICAN CITY
HASTINGS SKY RANCH
HEBRON
FAIRBURY
SUMMERFIELD
BERN
TRENTON
BENKELMAN
SENECA
HIAWATHA
LARKINBURG
ATWOOD
OBERLIN
NORTON
PHILLIPSBURG
SMITH CTR
MANKATO MUN.
BELLEVILLE
AKRON
RED 1
LENORA
DOWNS
MORITZ
BLOSSER
CLAY CENTER
WOOD
GOODLAND
COLBY
EDDIE HUTTON
HILL CITY
MANHATTAN
ELKINS
MANKAN POTTAWATOMIE
HUNTOON
WALKER AAF
HAYS
RUSSELL
SKY VILLAGE
SALINA
WRIGHT
ABILENE
HERINGTON AAF
HERINGTON
CENTROPOLIS
LEBO
EUDORA
SCOTT CITY
GARDEN CITY
GIFFIN-ORTON
HOLYROOD
McPHERSON
JANSSEN
GREAT BEND ARPK.
GREAT BEND AAF
LYONS
ELLINWOOD
LARNED
HUTCHINSON
MOUNDRIDGE
MARION
CLOTHIER
EMPORIA
EL DORADO
TO KANSAS CITY
42°
101°45
101°
99°
98°
97°
96°
95°20
41°
40°
39°
38°05

DENVER-OMAHA-ST. LOUIS

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV.	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
Auburn (Nebr)	2.7 E;riv SW	960	29 S6	80 oct P-line N,NW,NE
Beardstown (Ill)	1.5 SE;RR N,W		18 S2	80 oct Data unver
Black Walnut (St. Louis, Mo)	18 NNW			ABANDONED
Blair (Nebr)	3 NNW;RR E	1050	24 S6	80,91 oct Windmill NW
(P) Boulder (Colo)	3 ENE;RR NW	5350	42 S5	80,91 oct Bldg N RR S
BUCKLEY Tower (Colo)(NG)	201 (126.18)		CA	(3); 126.18 (8-16)
(NG)(N) Buckley (NAS) (Denver, Colo)	12.5 ESE	5642	80h	73,100 oct,1-ech maint NG To be taken over by Navy
Calhan (Colo)	0.6 ESE;hwy N	6500	22 S1	80 oct.
* Chesterfield Int,4,LS-CG (Ill)	3 ENE;hwy N	612	26 L3	
Civil Air Patrol (Denver,Colo)	3.9 E	5328	29 L S6	80 oct Flood lgts.
Clear Ridge (Omaha, Nebr)	5.2 NW;RR N	1230	28 S6	80 oct P-line E
COLORADO SPRINGS Range (Peterson)(Colo)	224 (CD)	166°, 3.9	MRLWZ	
Combs (Denver, Colo)	3 NE;RR N	5276	29 S6	80,91 oct P-line N,S
Council Bluffs (Iowa)	3 SE;RR S	980	37 S6	80 oct Bldgs SW
Craig (Mo)	0.6 NE;RR SW	875	25 S1	73 oct P-line WNW
Creighton (Golden, Colo)	4 E;lake E	5600	30 S1	80 oct NW blocked
Creve Coeur (St. Louis, Mo)	14.5 WNW			ABANDONED
Crosier (Greeley, Colo)	3.5 E;rd,riv S	4648	34	73,91 oct
Cyril Lebert (Lebanon, Ill)	0.5 SE;hwy N	440	22 S2	80 oct Poles N,W,S
DENVER Range (Stapleton)(Colo)	379 (DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER VHF Range (Stapleton) (Colo)	109.1 (DV)(vhf)	211°,9.7	VAR-DTXV	(3);116.1,122.1
Dunlap (Iowa)	0.5 WNW;RR SE	1160	30 S3	80 oct P-line NNE
Eagleton (Decatur, Nebr)	1 S;riv NE	1100	26 S2	73 oct Poles NE;trees NW
East Colfax (Watkins, Colo)	2.7 WSW;hwy N	5650	30 S4	73 oct Poles N,NW
Edwardsville (Ill)	3.4 E;RR N	555	21 S2	No fuel P-line E,S
Ellisville (Mo)	0.4 NE;hwy S	750	16 S2	80 oct.
Englewood (Colo)	6.8 SSE;hwy S	5520	45 S6	80, 91 oct
Flagler (Colo)	0.8 S;RR N	4975	48 S4	80 oct. 20' p-line E
Fleck's Lakeview (Rochester, Ill)	2.8 W;lake W	580	21 S6	80 oct P-line W
Gundlach (Belleville, Ill)	1.8 E	514	23	Obsts sur fld.
H & S (Gillespie, Ill)	1 W;RR S	661	18	P-line N,E.
Harlan (Iowa)	5 SSW;hwy E	1196	27 S2	73 oct. Hi-line S,E.
Hew's (Humboldt, Nebr)	4.2 NNE	1200	13	Pwr line E. PRIVATE
Highland-Winet (Highland,Ill)	3.6 NE;RR S	535	24	P-line S.
Jacksonville (Ill)	3.9 S;hwy E	650	18 S6	80 oct P-line E.
Kratz (St. Charles, Mo)	1.1 ESE;RR S	442	30 L S6	80,91 oct Port rnwy lgts.
Lakeside (E. St. Louis, Ill)	7 NNE;lake W	420	32 L S6	80,91 oct Port lgts on req SE blocked
LAMBERT-ST LOUIS Tower (St. Louis, Mo)	278 (126.18, 118.3)		AC (ILS-W)	(4); 126 18, 122 5, 118 3
(NG)(N) [Lambert-St Louis](Mas) (St. Louis, Mo)	10.8 NW;hwy N, W	552	60h L6 S6	80-100 oct Ltd 100 oct, 2-ech maint NG.Rdo rqrd.
Longmont (Colo)	2.9 W;RR N	5030	40 S6	80,91 oct Trees NW
LOWRY Tower (Colo)	396 (126.18)+		CA ◆:00,20	(3); 126.18
(A) Lowry (Denver, Colo) (A)	5.3 ESE	5412	83h L5 S6	91, 100 oct JP-1
Lucas (Festus, Mo)	1.7 S;RR W	425	16 S2	73 oct.
Machens (Mo)	1 NNW			ABANDONED
Meremec (Valley Park, Mo)	1.5 ESE;riv N	440	30 L S2	80 oct Port rnwy lgts. P-line S.
Missouri Valley (Iowa)	1.5 S;RR W	960	16 S2	80 oct.
Negus (Alexander, Ill)	2.8 WSW;RR SE	645	22	PRIVATE.
(N) Neubeiser OLF (St. Louis, Mo) (N)	22 NNW;riv N	438	20h	CLOSED.
Nichols (Colorado Springs, Colo)	2.8 NNE;hwy W	6200	42 S6	80,91 oct. P-line SE,NE,N
OFFUTT Tower (Omaha, Nebr)	396 (126.18)		CA	(3); 126.18
(A) Offutt (Omaha, Nebr) (A)	10 S;RR W	1046	61h L5 S4	91,100 oct. No sto
Oliver Ranch (Onawa, Iowa)	5 SE;hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
OMAHA Range (Nebr)	320(OH)(vhf)	146°,0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126 18, 122 5, 118 5
[Omaha] (Nebr)	3.5 NE;lake W	982	54h L6 S6	73,80,91,100 oct No contact lgts
Parks (East St. Louis, Mo)	4.2 SW;RR SE	410	26 L1	Obsts on fld
Parks Metropolitan (East St. Louis, Ill)	3.5 SSW;RR W	420	40 L S6	80,91 oct Port rnwy lgts 1700' paved rnwys
Pine Valley (Colorado Springs, Colo)	9.2 N;hwy E	6575	47 S6	80,91 oct Poles E,W, NNW
Randolph (Iowa)	1.7 NNE;RR W	1050	20	
Rocky Mountain (Colorado Springs, Colo)	6 ESE	6100	35 S2	No fuel
Ross (St. Louis, Mo)	4.8 NNW;RR SE	430	30 S6	80,91 oct Poles sur fld
Ruston (Denver, Colo)	10 NNW;hwy W	5550	40 S6	80,91 oct P-line NE,SW, E,W blocked Rnwy data unver
Rutledge (Dupont, Colo)	1 S;bet RR & hwy	5107	42 S6	80 oct. P-lines sur fld
St Charles (Mo)	5.3 NNW;RR N	470	29 S6	80 oct Poles E,N,NE,SE
ST. LOUIS Range (Lambert-St. Louis) (Mo)	209(LS)(vhf)	256°,2.2	SBRAZ-DTXV	(3); 116.1, 122.1
SCOTT Army Range (Bellev'l, Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill)	396 +		CA	(4)
(A) Scott (Belleville,Ill)(A)	7.5 ENE;RR S	447	55h L5 S5	73,91,100 oct,JP-1.
Shenandoah (Iowa)	2.8 W;RR SE	960	25 L S2	80 oct Port rnwy lgts
SKY RANCH Tower (Colo)	296		CI	(3); (8-17)
Sky Ranch (Denver, Colo)	12.6 E;RR S	5478	55 S6	73,80,91 oct
SPANISH LAKE H Fac.(Mo)	219 (L)	69°, 6.8	FMK	St Louis
Springfield (Ill)	3.5 SW;bet RRs	606	31 S6	80,91 oct Use strips only
SPRINGFIELD,Ill.(Range)	239(ZD)	113°, 2.3	SBRAZ-DTV	(4); 116.1
STAPLETON Tower (Denver, Colo)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
[Stapleton] (Denver, Colo)	5 ENE;RR N*	5320	70h L6 S6	80,91,100 oct
Starling (St. Louis, Mo)	14 SSW;RR E	615	26 S4	80,91 oct Obsts sur fld
Steckley (Weeping Water,Nebr)	3 S;RR,rd E	1260	26	P-line N
Sylvan Beach (Fenton, Mo)	2 NNW	442	42 L S2	80,91 oct Port rnwy lgts P-line N
TARKIO H Fac. (Mo)	281 (TK)(116.1)		MHTV	(4); 116.1.
Tarkio,10,KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct. Trees N
Tecumseh (Nebr)	1 W;RR NE	1115	26 S4	80 oct. Trees W;p-line N.
Valley (Nebr)	1.8 NW;RR NE	1150	22 S1	80 oct.
Vest Aircraft Co.(Denver,Colo)	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct
Wadlow (Alton, Ill)	3.5 NNW	600	25 S4	80 oct.
Weiss (Kirkwood, Mo)	4 SW	430	15 S4	80 oct. P-line NE,N.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LAMBERT	110.3		238°	IM- ••••••(0.06)	MM-	OM- ——(3.98)
					MMH- 201 •••(0.60)	OMH-
OMAHA	110.3	335	135°	IM-	MM- •—••(0.78)	OM- ——(4.90)
					MMH- 201 ••••	OMH- 219 ———
STAPLETON	110.3	335	206°	IM-	MM- •—••(0.65)	OM- ——(4.19)
					MMH- 335 •••—	OMH- 359 —••

NEW FACILITIES

Tekamah (Nebr)	1.3 S;hwy W			
Lisco (Nebr)	0.5 W;RR N			
Patty's (Lewellen,Nebr)	0.3 SE			
Grundman, (Nebr. City, Nebr.)	1.1 SSW;hwy E			
Falls City Mun. (Nebr.)	1.8 NE			

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★ – Guarded only when associated tower inoperative.

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) → New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

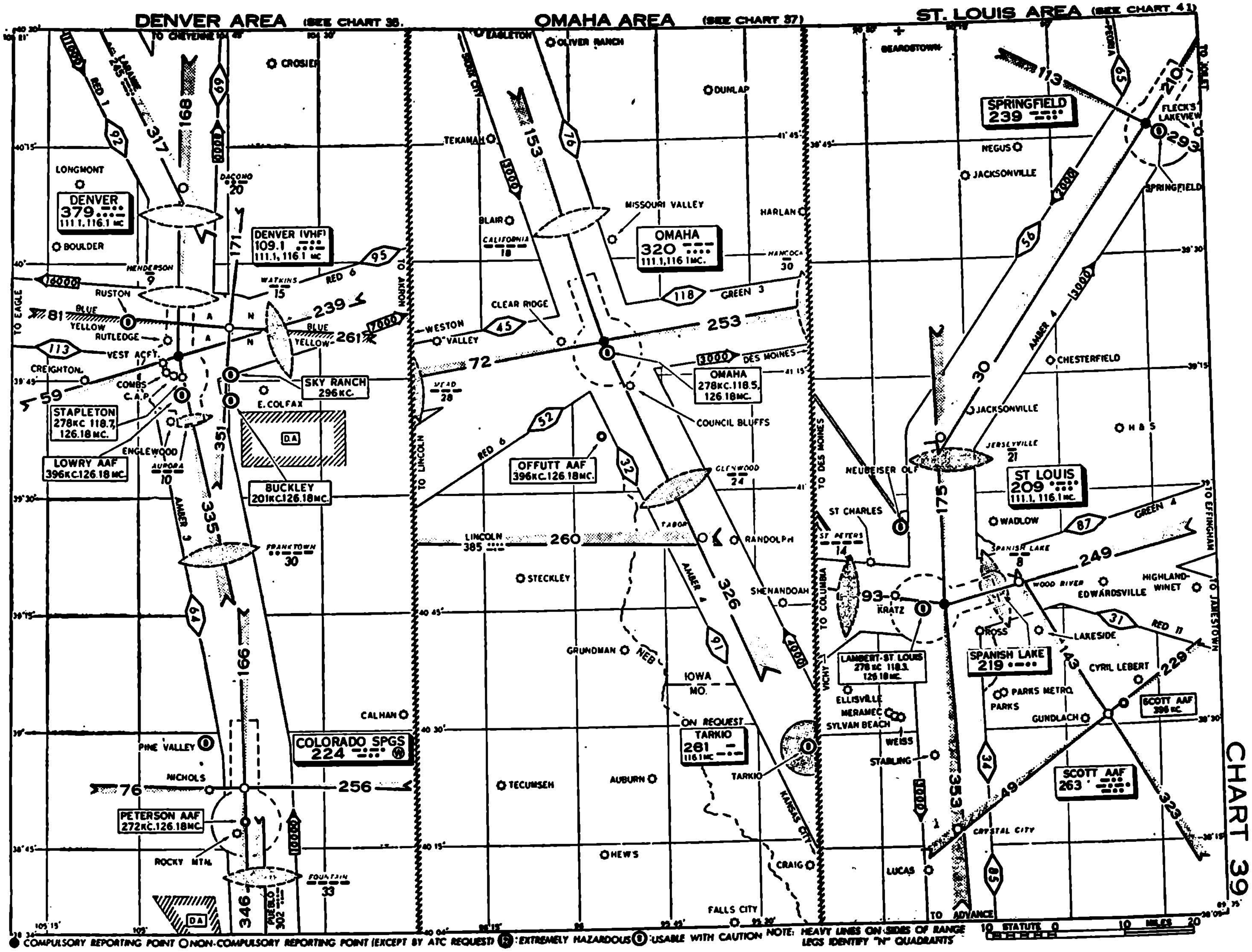

DENVER AREA (SEE CHART 38.
OMAHA AREA (SEE CHART 37)
ST. LOUIS AREA (SEE CHART 41)
DENVER 379 111.1, 116.1 MC
DENVER (VHF) 109.1 111.1, 116.1 MC
STAPLETON 278KC 118.7, 126.18 MC.
LOWRY AAF 396KC 126.18 MC.
SKY RANCH 296KC.
BUCKLEY 201KC 126.18MC.
COLORADO SPGS 224
PETERSON AAF 272KC.126.18MC.
OMAHA 320 111.1, 116.1MC.
OMAHA 278KC. 118.5, 126.18MC.
OFFUTT AAF 396KC. 126.18MC.
SPRINGFIELD 239
ST LOUIS 209 111.1, 116.1MC.
LAMBERT-ST LOUIS 278 KC 118.3, 126.18 MC.
SPANISH LAKE 219
SCOTT AAF 263
TARKIO 261 116.1MC
ON REQUEST
LONGMONT
BOULDER
CROSIER
DACONO
TO CHEYENNE
TO EAGLE
TO AKRON
TO LINCOLN
TO DES MOINES
TO JAMESTOWN
TO ADVANCE
RUSTON
RUTLEDGE
CREIGHTON
COMBS C.A.P.
ENGLEWOOD
AURORA
E. COLFAX
FRANKTOWN
CALHAN
PINE VALLEY
NICHOLS
ROCKY MTN.
FOUNTAIN
PUEBLO
TEKAMAH
BLAIR
DUNLAP
OLIVER RANCH
EAGLETON
MISSOURI VALLEY
HARLAN
CLEAR RIDGE
WESTON
VALLEY
COUNCIL BLUFFS
GLENWOOD
RANDOLPH
STECKLEY
SHENANDOAH
GRUNDMAN
IOWA
MO.
TECUMSEH
AUBURN
HEWS
CRAIG
FALLS CITY
TARKIO
BEARDSTOWN
NEGUS
JACKSONVILLE
SPRINGFIELD
FLECK'S LAKEVIEW
CHESTERFIELD
JERSEYVILLE
H B S
NEUBEISER OLF
ST CHARLES
ST PETERS
WADLOW
SPANISH LAKE
WOOD RIVER
EDWARDSVILLE
HIGHLAND-WINET
ROSS
LAKESIDE
CYRIL LEBERT
PARKS METRO.
PARKS
GUNDLACH
ELLISVILLE
MERAMEC
SYLVAN BEACH
WEISS
STARLING
CRYSTAL CITY
LUCAS
KRATZ
VICHY
KANSAS CITY
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
STATUTE 0 10 MILES 20

CHART 39

ST. LOUIS

FACILITY	FREQ. IDENT ARPT LOCATION	BEAR & DIST. ELEV.	CLASS	REMARKS FREQS GUARDED, HRS OF OPERATION
Adair (Iowa)	1.5 SSE;RR NW	1350	18 S1	Ltd 73 oct, Trees S.
ATLANTIC H Fac. (Iowa)	257(IZ)(116.1)		MHTV	(4);116.1,122.1
Atlantic Mun. (Iowa)	1.9 W;RR E	1153	33 L3	Bcn 1/4 mi W
Atlantic (Iowa)	4.6 NW;RR S	1353	21 S6	80, 91 oct.
Audubon Arwys (Iowa)	1 SSE;RR W	1300	15 S1	80 oct.
Bailey's (Brookfield, Mo)	2 WSW;hwy N	800	26 S1	80 oct. Pwr line SE Poles S, SE, NW blckd
Bailey's Arpk (Chillicothe, Mo)	2 SSE;RR W	875	32 S6	80 oct S, SW blckd
Beaver (Des Moines)	3.4 NW	900	25 S6	80 oct. (Iowa)
Boonville (Mo)	1.5 NNW;riv S	602	16 S4	80 oct. Obsts sur fld.
Bowling Green (Mo)	1.6 NW;RR E	882	25 S2	80 oct. Poles S; pwr line SE.
BRADFORD H Fac. (Int.)	382 (MQ)		MHT	(4) (Ill)
* Bradford Int, 29, KC-CG (Ill)	4.5 NNE;	795	26 L3 S1	80 oct. P-line SW, NE
(P) Bradley (Moberly, Mo)	3 NNE;hwy W	865	37h S6	80 oct Obsts
Briggs (Fiscus, Iowa)	4.2 NE;RR E	1370	21 S2	80 oct. Trees N
BURLINGTON Range	326(BN)(vhf)	357°, 1.9	SBRAZ-DTV	(4); 116.1, 122.1 (Iowa)
(P) [Burlington] (Iowa)	1.7 SSW	698	54h L5 S6	80, 91, 100 oct. Hwy E
Butler, (Mo)	2 N;RR, hwy W	870	26 S2	80 oct. Hedge N
Cameron (Mo)	2 E;RR NW	1050	21 S4	80 oct. Poles N, W, NNW
Carthage (Ill)	1.5 SSW;RR E	665	24 S6	80 oct. P-line E
(P) Cedar Rapids (Iowa)	6.7 SSW	860	55h L5 S1	80, 91 oct. RR E
Centerville (Iowa)	3.5 SSW;RR N	1017	25 S2	80 oct. Use strips only
Charlton C.A.P. (Iowa)	2.3 NNE;RR SE	1050	16 S1	80 oct.
CHILLICOTHE H Fac. (Mo)	242(CK)(116.1)		MHTV	(4);116.1,122.1
Chillicothe, 7, KC-CG	3 ESE;RR N, SW	780	25h L3	P-line S; trees SW 4000' strip avail
Clarinda (Iowa)	0.8 SE;RR W	1060	26 S4	80 oct.
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct No sto Port rnwy lgts
(P) Clinton (Mo)	2 NE;RR SE	800	37 S4	80 oct Poles SW, S, E, N
COLUMBIA Range (Mo)	379 CA)(vhf)	89°, 3.9	SBRAZ-DTV	(4), 116.1, 122.1
Columbia (Mo)	2.4 NW;hwy S	777	33h L3 S5	80, 91 oct
Columbus Junction (Ia)	3 N;RR E	580	28 S2	80 oct. P-line N, E
Cram (Davenport, Iowa)	2.5 NW;RR SW	646	21 S6	80, 91, 100 oct.
Creston Arwys (Iowa)	1.6 NE;RR W			ABANDONED
Daviess Co. (Mo)	1.1 W, RR N	930	16 S1	80 oct. Pole N
Decatur (Ill)	4 NW	678	29 S6	80, 91 oct P-line S, SW W, NW
DES MOINES Range (Iowa)	212(DM)(vhf)	344°, 2.0	SBRAZ-DTV	(3); 116 1, 122 1
DES MOINES Tower (Iowa)	278 (126.18, 118.3)		C	(4);126 18, 122 5, 118 3
(A) [Des Moines] (Iowa)	4.5 SSW	950	57h L5 S4	80, 91, 100 oct. RR W
Dixon (Ill)	1.9 ESE;RR S	786	30 L1 S6	80, 91 oct. Appchs blckd except E and N half W boundary
Dodge (Iowa)	3.5 E;RR E	835	27 S6	80 oct. Hwy E
Dresser (Anita, Iowa)	7 SSE;rd W	1250	17 S2	80 oct. Trees S.
Eads (Iberia, Mo)	1.1 W;hwy NE	960	32 S2	80, 91 oct.
Edwards (Grant City)	1.2 ENE;RR W	920	17 S1	Ltd 80 oct. (Mo)
Fayette Flying Fld. (Mo.)	1.8 S;RR W	730	29 S2	80 oct. Trees W, S.
Fitzgerald (Mendota, Ill)	1.5 NW;lake E	800	22 S6	80 oct. Trees E
Fordyce (Bethany, Mo)	4.8 ESE;rd W	1050	22 S2	80 oct.
Fort Madison (Iowa)	1.5 N;RR W		27 S4	80 oct. Ltd sto Data
Fulton (Mo)	3 WSW;hwy SE	875	20h S2	80 oct. unver
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct. Fld lgts prior req. E blocked.
Grand (Grand Mound)	1.2 SW;RR N	770	20 S2	80 oct. (Iowa)
Green (Mexico, Mo)	4.3 ESE;RR S	815	36 L S6	80 oct. Port rnwy lgts
Guthrie Center (Iowa)	0.5 NW;riv E	1074	21 S1	80 oct.
Hannibal (Mo)	4.3 WNW; hwy N	735	28 L S6	80 oct. P-line SW Port rnwy lgts.
Hillsboro (Ill)	1 NE	630	25 S4	Data unver.
Hi-Way (Piatt, Ill)	1.3 WNW;hwy S	665	20 S4	80 oct. 35' p-line S, E.
(P) Hunter (Cedar Rapids, Iowa)	3 S;riv N	732	27 L3 S6	80, 91 oct. Fld lgts prior req. Poles S, E.
Huston (Windsor, Mo)	4.3 E;hwy N	932	25 S1	80 oct.
IOWA CITY H Fac (Iowa)	248(IX)(116.1)		BHTV	(4);116.1,122.1
(P) [Iowa City] (Iowa)	1.7 SW;riv E	650	43h L1 S6	80, 91 oct. No sto.
Jefferson City (Mo)	2 N;hwy S	550	32 S6	80, 91 oct.
KANSAS CITY Range (Mo)	359(KC)(vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower (Mo) [Kansas City] (Mo)	278 (126.18, 118.3)		AC (ILS	(4); 126 18, 118 3, 122 5
	2.5 NW;riv W, S	739	52h L6 S6	80, 91, 100 oct Poles E Dike W Flood lgts in- op
→ Keokuk (Iowa)	4.6 NNW;riv E	670	28 S6	80, 91 oct.
KIRKSVILLE Range (Mo)	391(KR)(116.1)	333°, 0.9	BMRLZ-DTV	(4); 116 1, 122 1
Kirksville Arpk (Mo)	Adj SE	927	26	Closed for winter
Kirksville, 12, KC-CG	7 SE;hwy NE	970	39h L3 S6	80, 91 oct. (Mo)
LAMBERT Tower (St. Louis, Mo.)	278(126.18, 118.3)		AC(ILS-W)	(4);126.18, 122.5, 118.3
(NG) [Lambert-St.Louis] (N) (NAS)(St.Louis, Mo.)	10.8 NW;hwy N, W	552	60h L6 S6	80-100 Oct. Rdo rqrd.
* Lamoni Int, 10, KC-MP	3 WNW;RR NE	1160	37 L3	(Iowa)
Leon (Iowa)	4.1 N;RR SE	1050	20 S2	80 oct.
Lexington (Mo)	3 WNW;RR NW	650	33 S6	73 oct P-line S, W, SW
* Luray Int, 16, KC-CG	1.9 ESE;hwy N	727	26 L3	(Mo)
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73, 80 oct N, NE blckd P-line E, SE
Mader (Garnett, Kans)	2 WNW;hwy S	1060	26	
Manning (Iowa)	0.6 SW;RR W	1327	25 S2	73 oct.
Marceline (Mo)	1.5 N;RR SE	855	20 S1	80 oct. P-line NNE
MARSHALL H Fac. (Mo)	281(MH)(116.1)		MHTV	(4);116.1,122.1
* Marshall Int, 7, KC-LS	1.8 S;hwy E	800	39 L3 S2	80 oct. Silo NE corner
(P) Maryville Mun. (Mo)	2.2 WNW;hwy S	1154	25 S6	80, 91 oct (Mo)
Matanzas (Havana, Ill)	4 S;riv W	480	24 S6	80 oct. Data unver
McCoy (Blue Mound, Ill)	5 W	660	16 S2	No fuel
McVille (Mechanicsville, Iowa)	3.2 WNW;RR S	850	30 S6	80 oct. Poles S, W
Medbury (Armington)	1 NE	650	26	Data unver. (Ill)
Mel Adkins (Gravois Mills, Mo)	4.2 SSE;hwy W	950	19	
Melbourne (Iowa)	1.5 SW	1000	20 S1	80 oct. Poles N
Melbourne, com. (Iowa)	0.3 S;RR E	1000	21 S2	80 oct. P-line E
MOLINE Range (Ill)	224(MO)(116.1)	142°, 12.0	SBRAZ-DTV	(4); 116 1
MOLINE ARPT Range (Ill)	278	86°, 2.3	ML	3105 (on req.)
(P) [Moline] (Ill)	4 S;hwy E, N	590	40h L6 S6	73, 80, 91 oct.; 100 oct for Army Poles NW
Monmouth (Ill)	1.5 NNE;rd E	770	31 L1 S6	80 oct. P-line E, W, S
MONTEZUMA H Fac.				DECOMMISSIONED.
* Montezuma Int, 17, OH-CG (Iowa)	3 E;hwy N	953	32 L3	Poles, trees SW Pwr line N.
Morton (Ill)	3 W;hwy N		33 S2	80 oct. Use NE SW strip. Data unver.
Mt. Ayrport (Mt. Ayr, Iowa)	6.6 N;RR N	1100	21 S1	Ltd 80 oct. Poles N, NE
Mt. Hawley (Peoria, Ill)	6.4 N;RR SW	700	28 S6	80, 91 oct. P-lines SE,
Mt. Pleasant (Iowa)	2.6 ESE;RR N	727	19 S2	80 oct. S, SW
(P) Muscatine (Iowa)	6 SW;RR SE	546	36 S6	80 oct.
Nashville (Ill)	1 E;lake W		20 S1	80 oct. Data unver.
NEW FLORENCE H Fac (Int.) (Mo)	248(ST)(116.1)		BHTV	(4);116.1,122.1
* New Florence Int, 17, KC-LS (Mo)	1 SSE;hwy N	885	40 L3 S1	80 oct.
Newton (Iowa)	1.5 ENE;hwy S	950	19 S1	80 oct.
Nicholas (Marshall, Mo)	3.8 S;hwy W	770	26 S4	80 oct. Pwr line S
Niederhauser Arwys (Grinnell, Iowa)	4.5 E	1000	26 S2	80 oct.
OLATHE Navy Range (Kans)	420 (NUU)	352°, 2.9	BMRLZ	
(N) Olathe Nas (Kans)(N)	5.2 SW;RR W	1085	53h L5 S6	100 oct.
OTTUMWA Tower (Iowa)	272 (142.74)		CN	(3); 142.74
(N) Ottumwa NAS (Iowa)(N)	6.4 NNW	841	52h L5 S6	73, 100 oct.
Ottumwa (Iowa)	3.6 N;hwy S	830	32 S6	80, 91 oct. Hwy W
Pekin (Ill)	4 S;RR E	505	29 S6	80, 91 oct. P-lines SE,
Pella (Iowa)	3.5 SE;RR N	877	24 S6	80 oct. S, SW, W, NW.
PEORIA Range (Ill)	356 (PI)	178°, 2.3	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW;rd E	659	44h L5 S6	80, 91 oct. No flood or boundary lgts.
Phil-Larry (Roanoke, Ill)	4 W	474	23 S6	80 oct. Data unver.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
Quincy (Ill)	2.8 SE;hwy E	650	26 S6	80, 91 oct. E blckd. P-line SE, S, SW.
(P) Quincy (new) (Ill)	9.5 E	760	54h	Data unver.
Red Oak (Iowa)	1.5 W;RR E	1044	26 S2	80 oct. P-line N.
ROSECRANS Tower (Mo)	278 (126.18, 118.7)		C	(4); 126.18, 118 7, 122 5
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW;riv SW	821	60h L5 S6	80, 91, 100 oct. Ltd 100 oct, 2-echmaint NG. Fld lgts
Roth (Oskaloosa, Iowa)	2 SSE;RR NE	850	20 S2	80 oct Trees sur fld prior req
St. David (Ill)	1.5 SW;RR N	628	22 S2	80 oct. 200' stack NE.
ST JOSEPH Range (Rosecrans) (Mo)	341 (ZJ)(vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116 1, 122 1
ST. LOUIS Range (Lambert-St.Louis)(Mo)	209(LS)(vhf)	256°, 2.2	SBRAZ-DTXV	(3);116.1,122.1
SCOTT Army Range (Belleville)(Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
(A) Scott (Belleville, Ill)(A)	7.5 ENE;RR S	447	55h L5 S5	73, 91, 100 oct. JP-1
Sedalia (Mo)	6.3 NW;RR S	820	30 S6	80 oct. Poles S.
(A) Sedalia AAF (Knobnoster, Mo) (A)	2.8 S;hwy N	848	72h	CLOSED
Seymour (Iowa)	2 NNW;RR S	1060	24 S1	80 oct. Hedge S.
Slater (Mo)	0.8 NW;hwy SE	850	26	P-line adj N.
SPANISH LAKE H Fac (Mo)	219 (L)	69°, 7.8	FMHW	St. Louis
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4) Lgts prior req.
Springfield (Ill)	3.5 SW;bet RRs	606	31 L4 S6	80, 91 oct. Use strips
Sterling (Ill)	1.4 N;hwy E	645	25 S6	80, 91 oct. E, SE blckd.
* Stuart Int, 8, OH-CG (Ia)	3.5 SE;rd E	1189	31 L3	P-line NE, E.
Taylorville (Ill)	1 SW		26 S6	80 oct. Data unver.
Unionville Arwys (Mo)	1.5 ESE;hwy NE	1100	24 S2	80 oct. P-line N.
Vandalia (Ill)	4.4 NW	532	39h L3 S6	80 oct.
* Van Orin Int, 34, OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vaughn (Trenton, Mo)	1.2 NNW;RR E	790	26	
Venture (Ottumwa, Ia)	2.8 SSE;RR W	800	13 S6	80 oct. P-line N, W, NE
Versailles (Mo)	1.7 ENE;RR N	1050	20 S2	80 oct. Pwr line N, NE, NW.
VICHY (AAF) Range (Mo)	344(OM)(116.1)	310°, 2.7	BMRLZ-DTV	(4);116.1,122.1
(A) Vichy AAF (Mo)(A)	1.5 NNW	1120	55h	CLOSED. Hwy SW
Vogel (La Salle, Ill)	6.5 NNW;RR E	664	26 S2	80, 90 oct. Soft when wet. Poles N, W.
Warrensburg (Mo)	7.3 SSW;hwy E	880	22 S6	80 oct.
Washington (Iowa)	1.5 SSE;RR NE	768	26 S6	80 oct.
Weise Flying Service (Lone Tree, Iowa)	3.4 NE		36 S2	80 oct. Hl-line N. Data unver.
Winterset (Iowa)	2 W;RR E	1130	21 S4	80 oct. Fence each end rnwy.
Wright (Garden City, Mo)	1.4 NNW;hwy SW	880	25 S1	80 oct. P-line S.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

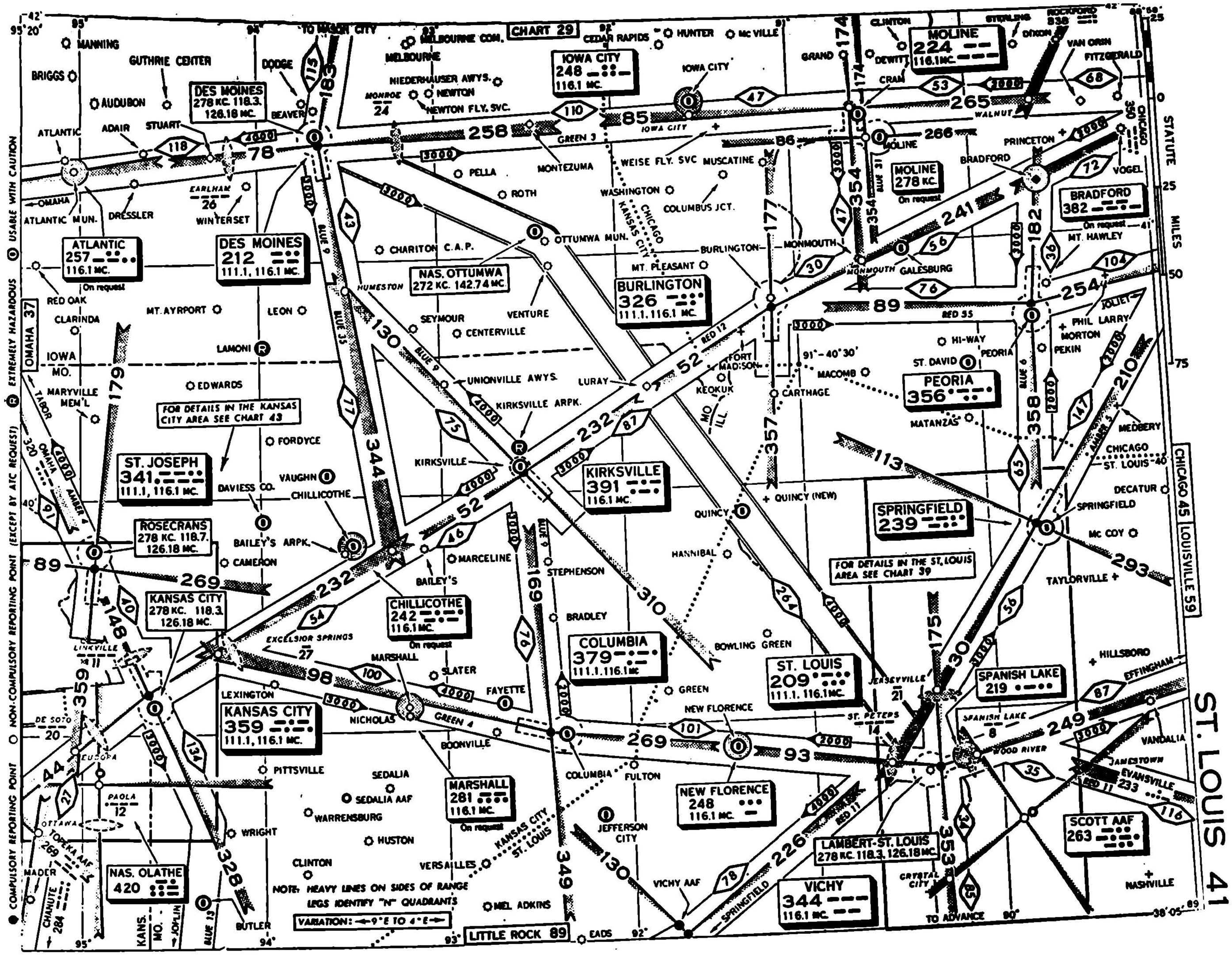
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KANSAS CITY	109.9	333.8	173°	IM- ·—·—· (0.01)	MM-	OM- — — (4.65)
					MMH-221- · — · 2.6	OMH-248- · — · (1.0
LAMBERT	110.3		238°	IM- ·—·—·—· (0.06)	MM-	OM- — — (3.98)
					MMH 201 · — · (0.60)	OMH-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-

NEW FACILITIES

Dewitt (Iowa)	1.5 ESE;RR S	710	23 S2	80 oct. S blckd.	
Newton Fly. Svc. (Iowa)	3 W;hwy S	960	22 S2	80 oct. P-line SE,	
Pittsville (Mo)	1.2 WNW, hwy S	925	20 S1	80 oct. P-line W. Trees	
Stephenson (Macon, Mo)	3.5 SSE;RR W	850	26 S2	80 oct. P-line N E.	
→ Bradshaw (Nebr)	1.3 NNE	1700	26 S6	80 oct. P-line N, S, NW.	
→ Hall (Stratton, Nebr)	1 SE;RR, riv N	2850	27	Poles W, NW. Use strips.	
→ Holdrege Mun. (new) (Nebr)	2 ENE;RR, hwy S	2310	36 L1	Facs not installed but	
→ Lakeside (Franklin, Neb)	5 N;lake N	2120	13	Soft when wet, usable.	
→ Ravenna (Nebr)	1 NNE	2070	22 S2	80 oct. Poles W. Use stps.	
→ York (Nebr) Ia.)	1.8 N;hwy W	1662	30	Poles SW, NW. Use stps.	
→ Adamson Arwys (Perry,	4.8 WSW;RR N	1000	17 S6	80 oct. P-line N.	
→ Wylies (Gorin, Mo.)	3 WNW;riv W	640	14 S2	80 oct. Use strips only	
→ Embry (Trenton, Mo.)	5 SSE;hwy E	800	26 S2	80 oct. P-lines E. Trees W	
→ Depperman (Owensville,	0.7 NNW	900	28 S2	80 oct. Trees W, NW.	
→ St. Clair (Mo.) Mo)	1.4 ENE	750	20 S2	80 oct. E, SSE, W blkd.	
→ Palmyra (Mo.)	0.7 SE;hwy W	650	22 S2	80 oct. Trees S. P-lines W.	
→ Ace High (Galt, Mo.)	3 SW;hwy N	937	29 S6	80 oct. Poles SW, N.	

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Columns indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 127.58, 140.38 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) a – Guarded only when associated tower inoperative

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


CHART 29
TO MASON CITY
MANNING
GUTHRIE CENTER
BRIGGS
AUDUBON
DODGE
BEAVER
DES MOINES
278 KC. 118.3.
126.18 MC.
ATLANTIC
ADAIR
STUART
OMAHA
ATLANTIC MUN.
DRESSLER
EARLHAM
26
WINTERSET
ATLANTIC
257
116.1 MC.
On request
RED OAK
DES MOINES
212
111.1, 116.1 MC.
CLARINDA
MT. AYRPORT
LEON
IOWA
MO.
LAMONI
EDWARDS
MARYVILLE
MEM'L
FOR DETAILS IN THE KANSAS CITY AREA SEE CHART 43
FORDYCE
ST. JOSEPH
341
111.1, 116.1 MC.
DAVIESS CO.
VAUGHN
CHILLICOTHE
ROSECRANS
278 KC. 118.7.
126.18 MC.
BAILEY'S ARPK.
CAMERON
KANSAS CITY
278 KC. 118.3.
126.18 MC.
LINKVILLE
EXCELSIOR SPRINGS
27
DE SOTO
20
EUDORA
PAOLA
12
OTTAWA
TOPEKA AAF
MADER
CHANUTE
284
NAS. OLATHE
420
KANS.
MO.
JOPLIN
BUTLER
MELBOURNE
MELBOURNE COM.
NIEDERHAUSER AWYS.
MONROE
24
NEWTON
NEWTON FLY. SVC.
CEDAR RAPIDS
HUNTER
Mc VILLE
IOWA CITY
248
116.1 MC.
IOWA CITY
PELLA
MONTEZUMA
GREEN 3
WEISE FLY. SVC
MUSCATINE
ROTH
WASHINGTON
COLUMBUS JCT.
CHARITON C.A.P.
OTTUMWA MUN.
KANSAS CITY
CHICAGO
NAS. OTTUMWA
272 KC. 142.74 MC.
HUMESTON
SEYMOUR
VENTURE
CENTERVILLE
BURLINGTON
326
111.1, 116.1 MC.
MT. PLEASANT
BURLINGTON
UNIONVILLE AWYS.
KIRKSVILLE ARPK.
KIRKSVILLE
391
116.1 MC.
LURAY
FORT MADISON
KEOKUK
MO
ILL
CARTHAGE
QUINCY
+ QUINCY (NEW)
HANNIBAL
STEPHENSON
BRADLEY
CHILLICOTHE
242
116.1 MC.
On request
MARCELINE
BAILEY'S
MARSHALL
SLATER
FAYETTE
LEXINGTON
NICHOLAS
KANSAS CITY
359
111.1, 116.1 MC.
BOONVILLE
PITTSVILLE
SEDALIA
SEDALIA AAF
WARRENSBURG
HUSTON
WRIGHT
CLINTON
VERSAILLES
MARSHALL
281
116.1 MC.
On request
COLUMBIA
379
111.1.116.1 MC
COLUMBIA
FULTON
JEFFERSON CITY
NEW FLORENCE
248
116.1 MC.
VICHY AAF
VICHY
344
116.1 MC.
SPRINGFIELD
LITTLE ROCK 89
EADS
MEL ADKINS
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 9°E TO 4°E
CLINTON
MOLINE
224
116.1 MC.
DEWITT
GRAND
CRAN
MOLINE
266
MOLINE
278 KC.
On request
ROCKFORD
STERLING
DIXON
VAN ORIN
FITZGERALD
WALNUT
PRINCETON
BRADFORD
VOGEL
BRADFORD
382
On request
MT. HAWLEY
MONMOUTH
GALESBURG
MONMOUTH
HI-WAY
PEORIA
91°-40°30'
ST. DAVID
PEORIA
356
MACOMB
MATANZAS
JOLIET
PHIL LARRY
MORTON
PEKIN
MEDBERY
CHICAGO
ST. LOUIS
DECATUR
SPRINGFIELD
239
MC COY
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 39
TAYLORVILLE +
ST. LOUIS
209
111.1. 116.1 MC.
JERSEYVILLE
ST. PETERS
14
SPANISH LAKE
219
SPANISH LAKE
8
WOOD RIVER
HILLSBORO
EFFINGHAM
VANDALIA
JAMESTOWN
EVANSVILLE
233
SCOTT AAF
263
LAMBERT-ST. LOUIS
278 KC. 118.3. 126.18 MC.
CRYSTAL CITY
TO ADVANCE
NASHVILLE
CHICAGO 45 LOUISVILLE 59
ST. LOUIS 41
STATUTE MILES
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Allman (Lenexa,Kans)	2.5 NNW;hwy N	900	22 S1	80 oct. Hedge E.
Ashburn (Chicago, Ill)	12 SW;hwy W	620	16 S4	80 oct. Unsafe after rain
Ashland Ave.(Chicago Hgts)	1.5 NW;hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora Airways (Ill)	3 NNW	701	30 S4	80 oct. Twr NE. Poles E, W.
CHICAGO Range (Ill)	350(CG)(116.1)	152°,2.2	SBRAZ-DTXV	(3); 116.1
CHICAGO Tower (Ill)	278 (126.18, 118.7,118.1)		AC (ILS)	(4); 126.18,118.7,118.1, 122.5 (GCA test basis)
Chicago (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
Chicago-Elmhurst (Elmhurst, Ill)	2.5 N;hwy SW	707	27 S6	80,91 oct. Poles S,E.
(P) Chicago-Hammond (Lansing, Ill)	1.5 S;RR N	660	37 L3 S6	73,80,91 oct. Obsts sur fld.
(NG) Chicago-Orchard (Ill)	16 NW;RR W	657	58h L5 S6	80,91 oct. JP-1.
CHICAGO-ORCHARD Tower (Chicago, Ill)	396 (126.18)		C	(4); 126.18
Conard (Ottawa, Kans)	3.8 NNE;RR S	946	24 S6	80 oct. P-line N;hedge S
Elgin (Ill)	2.2 N;hwy W	770	24h S1	80,91 oct.
FAIRFAX Tower (Kans)	278(126.18,118.9)		AC	(4);126.18,122.5,118.9
(A) Fairfax (Kans.City,Kans)	3 NE;RR E	742	65h L5 S4	81,100 oct. (A)
Fisher (Edwardsv'l,Kans)	1 ESE;RR N	770	26 S6	80 oct.
Gardner (Kans)	1.4 WSW	1070	39	Hwy S.
Gault (Wellsville, Kans)	0.8 ESE;RR N	1020	20 S1	80 oct. Trees E.
GLENVIEW Navy Range (Ill)	269 (NBU)	140°,3.0	BMLZ-DT	(3); 140.58, 142.74
GLENVIEW NAS Tower (Glenview, Ill)	236 (142.74, 140.58)		CN	(3); 140.58; 3117.5 on req.
(N) Glenview NAS (Ill) (N)	1.6 NW;RR W	654	63h L3 S6	91,100 oct. No sto. RR E
Grayslake (Ill)	1.1 ENE;rd W	791	26	Trees W,S,E.
Hall's (Olathe, Kans)	2.6 SSE;RR W	1000	16 S2	73 oct. Cat'l on fld. P-
Harlem (Oaklawn, Ill)	2.2 WNW;hwy W	619	26 S6	80 oct. P-line E line N.
HARVEY Range (Rubinkam)	385 (GH)	90°,2.2	MLWZ	(Ill)
Harrisonville (Mo)	2.1 W;RR N,S	910	20 S1	73 oct. Fld rough.
Hawk's (Atchison, Kans)	1.3 WNW	1000	12 S1	80 oct. Poles N. RR S
Heart of America (Kans. City, Kans)	4 E;RR E	759	23 S6	80 oct. Poles, trees S.
Hinsdale (Ill)	3 S;hwy SE	710	26 S6	73,80 oct. Rolling grnd
Howell (Blue Island, Ill)	3 W;hwy E	600	26 S6	80, 91 oct.
Independence (Mo)	5.8 ESE;RR S	825	23 S6	80 oct. Poles S.
JOLIET Range (Ill)	257(JO)(116.1)	126°,3.7	SBRAZ-DTV	(4); 116.1
Joliet,22,LS-CG (Ill)	5 W;riv W	580	30h L4 S4	80,91 oct. Flood lgts prior req. after 2400.
Kane Co. (Elgin, Ill)	7 WNW;hwy E	910	21 S4	80 oct. Trees E,SE,NW
KANSAS CITY Range (Mo)	359(KC)(vhf)	148°,2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower (Mo)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18,118.3,122.5
[Kansas City] (Mo)	2.5 NW;riv W, S	739	52h L6 S6	80,91,100 oct. Poles E. Dike W. Floodlgts inop
(P) Kansas City-Grandview (Kansas City, Mo)	16.4 S;RR E	1072	55h L5 S2	80,91 oct. Fld lgts prior req.
Lawrence (Kans)	2.5 NNE;hwy S	832	32 L3 S6	80 oct. No bcn. Poles W. Lgts prior req.
Leavenworth Lecompton	3.6 WSW;RR E	1125	14 S4	80 oct. Trees, bldg S.
Lewis-Lockport (Lockport, Ill)	2.2 WNW; hwy E	664	26 S6	80,91 oct. (Kans) Twr SE. Obsts sur fld
Mitchell (Lombard,Ill)	2.8 NNW	710	24	Data unver.
Momence (Ill)	3.5 SW;riv N	645	23 S2	80 oct. Trees NW,N,NE
Morris (Ill)	4.5 N;hwy W	590	21 S2	73 oct. Poles N,NNE.
OLATHE Navy Range (Kans)	420 (NUU)	352°,2.9	BMRLZ	
OLATHE NAS Tower (Kans)	201 (142.74)		CN (GCA)	(3); 142.74 (8-18)
(N) Olathe NAS (Kans) (N)	5.2 SW;RR W	1085	53h L5 S6	100 oct.
(N) Olathe OLF #2 (Kans)(N)	5 SE	1090	16h	INACT. 4 W of Stanley
(N) Olathe OLF #4 (Kans)(N)	10 S	1090	22h	INACT. 1.3 SE Spring-
(N) Olathe OLF #7 (Kans)(N)	16 SSW	940	23h	INACT. 4.3 W hill of Hillsdale.
(N) Olathe OLF #9 (Kans)(N)	11 SE	1070	23h	INACT. 1 N of Stillwell
Ong (Kansas City, Mo)	9 SE;hwy NE	1050	24 S6	73,80 oct. P-line N,W
Osawatomie-Paola Mun. (Owawatomie, Kans)	3.8 N;pond S	960	25 S1	80 oct. P-line S. Hedge SW, N
★ Osborn Int,4,KC-MP (Mo)	1.5 NW;hwy S	1046	32 L3	
Ottawa (Kans)	5.3 S;RR W	975	34 L S6	80 oct. Port rnwy lgts Rnwy data unver
Pal-Waukee (Glenview,Ill)	5.5 WNW;RR S	642	30 L S6	80,91 oct. P-line N. Bcn flare pots,rdo rprs. Rnwy data unver.
Prosperi (Tinley Park,Ill)	1.7 SSW;hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW;RR N	650	18 S6	80 oct. Trees S. (Ill)
(NG) [Rosecrans] (St.Joseph, Mo)	4 NW;riv SW	821	60h L5 S6	80,91,100 oct. Ltd 100 oct, 2-ech maint. NG. Fld lgts prior req.
ROSECRANS Tower (St. Joseph, Mo.)	278 (126.18, 118.7)		C	(4); 126.18,118.7, 122.5
(P) Rubinkam (Harvey, Ill)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct. Use W part
St. Charles (Ill)	3.5 E;RR E,S	760	18h	P-line N. only
ST JOSEPH Range (Rosecrans)	341(ZJ)(vhf)	359°,3.7	SBMRLZ-DTV	(3);116.1,122.1
SHERMAN Tower (Kans)	396 (126.18)+		CA	(3);126.18 cont. except Sun. (On Sun. 23-7).
(A) Sherman (Ft.Leavenworth)	1 NNE;RR W	771	60 L5 S4	73,91,100 oct. (Kans)(A)
Sky Harbor (Northbrook,Ill)	1.6 NW;RR E	680	26 L S6	80,91 oct. Flare pots. P-line S.
Sky Haven (Bensenville,Ill)	1.5 SE;RR W,N	650	23 S4	80,91 oct. Use strips
State Line Arpk (Stanley)	3.8 NE;RR E	1000	22 S1	80 oct. Poles E. (Kans)
Stinson (La Grange, Ill)	2 SE;hwy SE	644	25 S6	80,91 oct. P-line S,W
(P) Washington Park(Homewood, Ill)	1.5 SE;hwy E	625	30 S6	80,91 oct. Allway area
Will Co. (Steger, Ill)	0.5 S;RR W	740	15 S6	P-line S. No sto. or fuel
Wooddale (Ill)	1.5 N	711	30 S5	80 oct. Woods SSW;p-
York Township (Lombard, Ill)	2 SSW;hwy N	726	20 S6	80 oct. Use line W strips. P-line N,E

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LC LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO	109.9	333.8	132°	IM- (0.01)	MM- (0.79)	OM- (5.8)
					MMH- 201	OMH- 219
KANSAS CITY	109.9	333.8	173°	IM- (0.01)	MM-	OM- (4.65)
					MMH-221 (2.6)	OMH-248 (11.0)

NEW FACILITIES

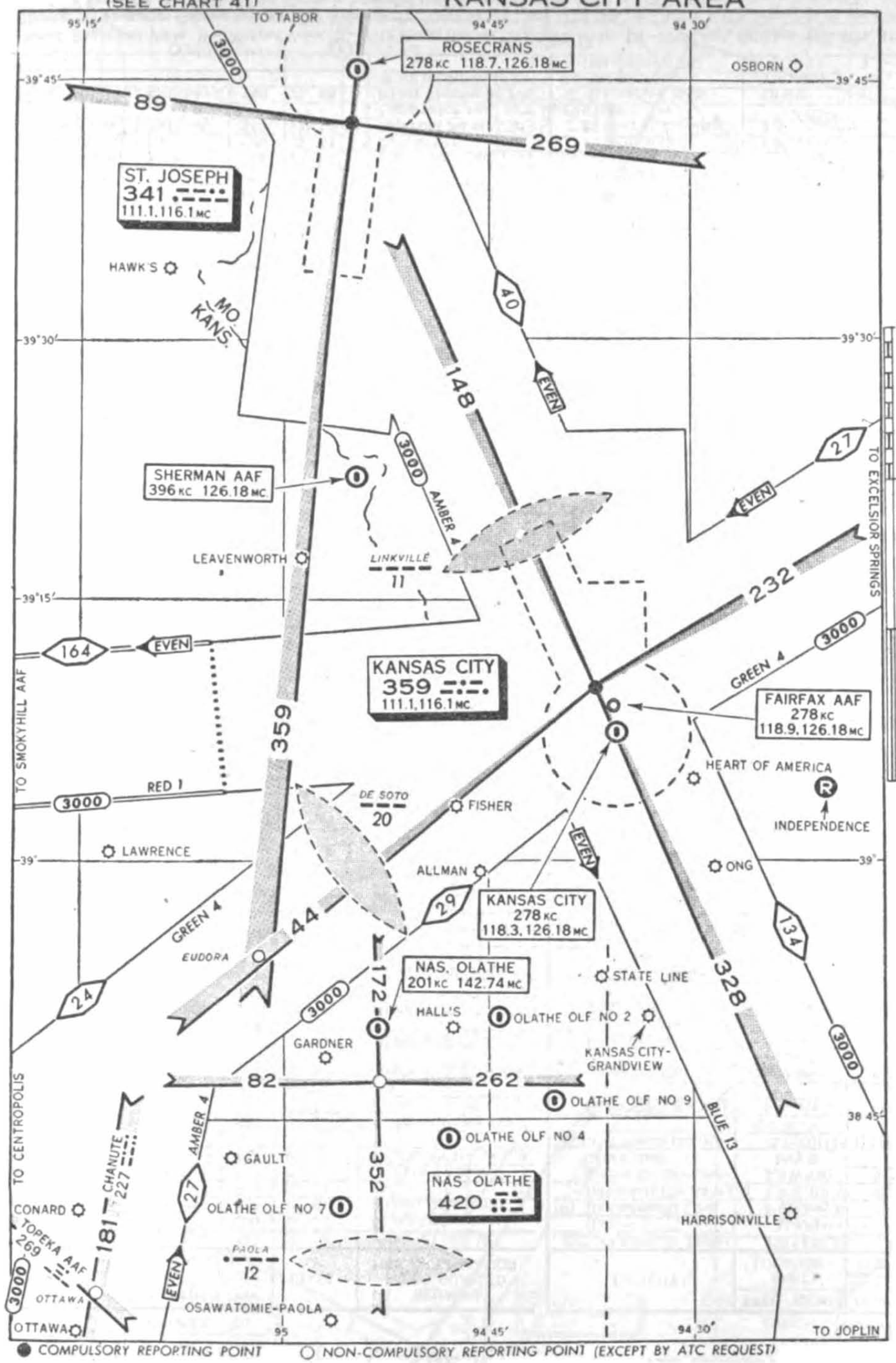
East Atchison (Rushville)	4.5 SW;riv W	790	24 S2	80 oct. N,NNW blkd. Use strips only. (Mo)
Glenota (St.Joseph,Mo)	6 WSW;riv N	800	26 S2	80 oct. N,E,W blkd. Use strips only.
Lake Contrary (St.Joseph)	6 SW;riv 2 N	800	21 S6	80 oct. Use strips only.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★ - Guarded only when associated tower inoperative.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

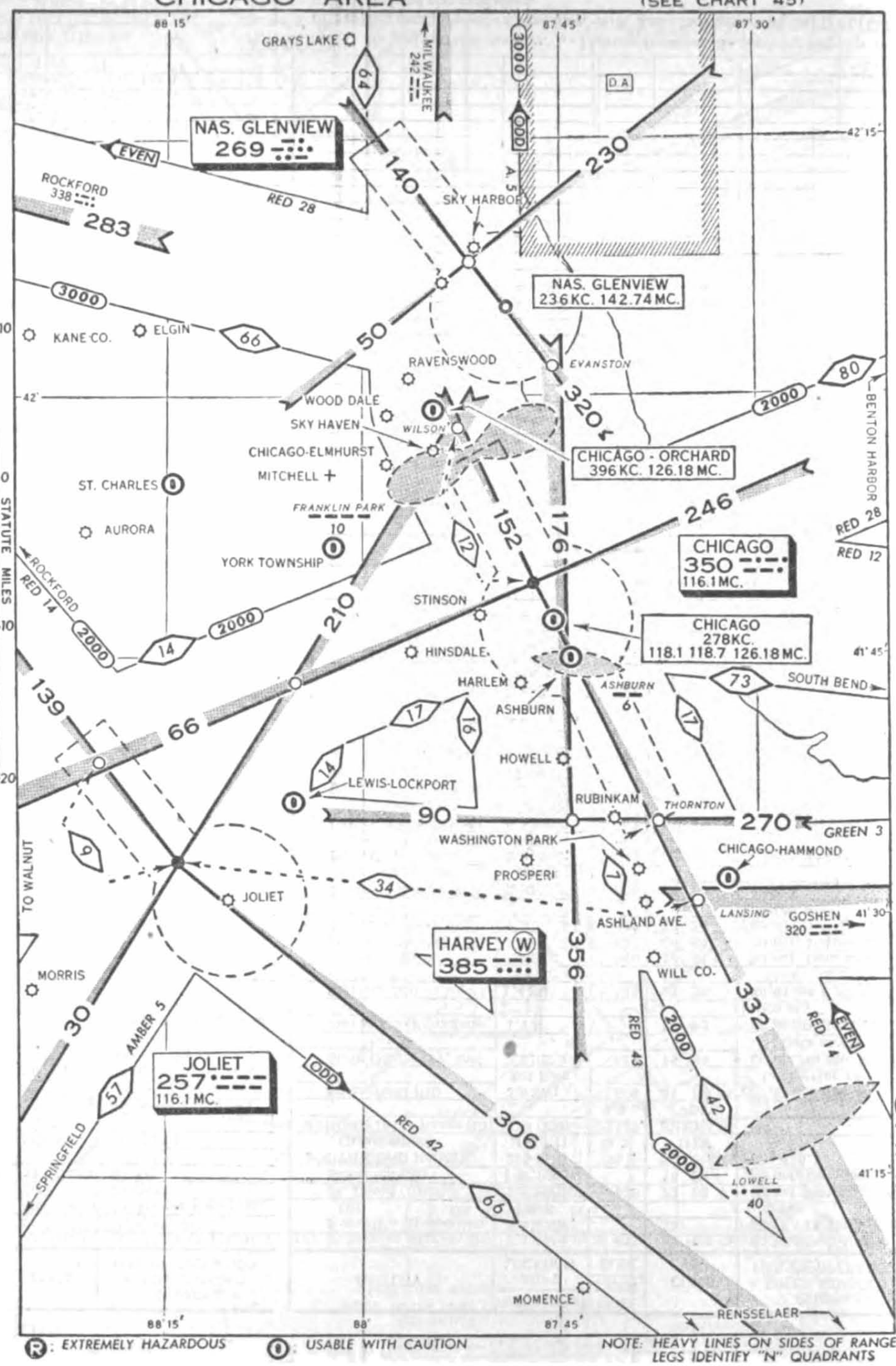
KANSAS CITY AREA

(SEE CHART 41)



CHICAGO AREA

(SEE CHART 45)



● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 43

CHICAGO

FACILITY	FREQ. IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albertus (Freeport,Ill)	3.8 SE;RR S	740	26 S6	73,80 oct. RR W.
Aretz (Lafayette,Ind)	4 NE	500	35 S6	80 oct.Data unver.
Attica (Ind)	2 S;hwy W	647	26 S1	80 oct. Data unver.
Bellevue (Iowa)	3 N;RR W	652	19 S1	80 oct.
BENDIX Tower (Ind)	278 (118.3)		C	(4); 118.3,122.5
[Bendix](South Bend, Ind)	3.5 NW;hwy S	778	48h L3 S6	80-100 oct.P-line E,S.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct.Port rnwy lgts.
BRADFORD H Fac.(Ill)	382 (MQ)		MHT	(4)
* Bradford Int,29,KC-CG (Ill)	4.5 NNE	795	26 L3 S1	80 oct.P-line SW,NE.
Cedar Lake (Ind)	1.5 NNW;lake E	751	28 S4	73,80 oct.Data unver.
Chain Lakes (South Bend, Ind)	5.2 W;hwy N,S	765	22 S3	80 oct.
Champaign (Ill)	2 NNW;hwy SW	753	28 S6	73,80 oct. W,NW,S blocked.
CHANUTE Army Range (Rantoul) (Ill)	365 (DNU)	43°, 3.3	SBMRAZ	(3); 126.18
CHANUTE Tower (Ill)	396(126.18)+		CA	(3); 126.18
(A) Chanute AAF (Rantoul, Ill) (A)	1 SE;RR W	738	63h L5 S6	73,91,100oct.JP-1. Pole N
Cheever (Demotte,Ind)	3 W		29 S1	80 oct. Data unver.
CHICAGO Range (Ill)	350(CG)(116.1)	152°, 2.2	SBRAZ-DTXV	(3); 116.1
CHICAGO Tower (Ill)	278 (126.18, 118.7,118.1)		AC(ILS)	(4); 126.18,118.7,118.1, 122.5 (GCA test basis)
[Chicago] (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
City (So.Haven,Mich)	4 S;RR W	640	30 S4	73 oct. Trees W.
Clearview (Earlville)	3 E;hwy S		18 S1	80 oct.Data unver.(Ill)
Clinton Fly.Club(Ill)	4.8 NE	720	13	
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct.No sto.Port rnwy lgts.
Cooper (Tuscola,Ill)	1.6 SW;RR E	650	24 S2	80 oct.Poles NW,SE,E.
Cork (West Lebanon, Ind)	4 W		24 S1	80 oct. Obsts NE. NE Data unver.
Cram (Davenport,Ia)	2.5 NW;RR SW	646	21 S6	80,91 oct.
Crown Point (Ind)	2 N	650	27 S6	80 oct.No sto.Poles E.
Culver (Ind)	2 E;lake W	815	26	NE
Danville (Ill)	2.4 SSW;hwy W	640	33 S6	80,91 oct.N blkd.P-line N,NE.Hedge SW
Decatur (Ill)	4 NW	678	29 S6	80,91 oct.P-line S,SW, W, NW.
(P) Decatur Park (Ill)	4 E;RR,hwy S	679	53h L5 S6	80,91 oct.No flood lgts
Dixon (Ill)	1.9 ESE;RR S	786	30 L1 S6	80,91 oct.Apchs blkd except E, NW
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E. (Ill)
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct.Fld lgts prior req. E blkd.
Gamble (Hobart,Ind)	1.8 NNW;hwy S	650	25 S6	80,91 oct.P-line E,NE
Gary (Ind)	6 S;hwy W	610	23 S6	80,91 oct.P-line E,SE, S, W, SW.
GLENVIEW Navy Range (Ill)	269 (NBU)	140°, 3.0	BMLZ-DT	(3); 140.58,142.74
GLENVIEW Nas Tower (Ill)	236 (142.74, 140.58)		CN	(3); 140.58; 3117.5 on req.
(N) Glenview NAS (Ill)(N)	1.6 NW;RR W, E	654	63h L3 S6	91,100 oct.No sto.
Gordon (New Carlisle)	2.8 ESE;RR N	730	13 S1	Fuel avail.Poles E.(Ind)
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct.Port lgts on
Hamilton (Polo, Ill)	2.3 NE	795	25 S3	80 oct.P-line N. req. E blocked.
HARVEY Range (Rubinkam)(Ill)	385 (GH)	90°, 2.2	MLWZ	
Highland (Perrysville)	2.8 WNW	585	23 S2	Ltd 73 oct (Ind)
Hi-Way (Piatt, Ill)	1 NE	630	25 S4	Data unver.
(P) [Hulman](Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct No sto.Fld lgts prior req.
Illini (Urbana, Ill)	2 NNE;hwy E	740	25 S6	80 oct.Floares on req. E,SE blkd.P-line SW.
INDIANAPOLIS Tower (Ind)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7 (Exper. GCA)
(P) [Indianapolis](Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct.Exper lgtg
Interstate (De Kalb,Ill)	1.8 E;RR W	900	34	CLOSED.
Jasper Co.(Rensselaer, Ind)	1.5 WNW; hwy S	676	32 L3 S4	80 oct.
JOLIET Range (Int.)(Ill)	257(JO)(116.1)	126°, 3.7	SBRAZ-DTV	(4); 116.1
Joliet, 22, LS-CG (Ill)	5 W;riv W	580	30h L4 S4	80,91 oct.Flood lgts prior req after 2400
Kankakee (Ill)	3.2 WSW; hwy E	625	26 S4	73,80 oct Use strips only.Ditch N.
Kentland (Ind)	6 ENE		19	Data unver.
Kingman Fly Svc.(Ind)	0.5 E;hwy N	710	26 S4	80 oct.No sto.Data unver.
Kiswaukee (Sycamore, Ill)	2.5 SW;riv N, S, E	830	19 S6	80 oct P-lines ver. N, NW
LAFAYETTE Range (Purdue Univ.)(Ind)	227 (LF) (116.1)	50°, 2.4	BMLZ-DTV	(4); 116.1
Lakeside (Gary, Ind)	7.5 W		35 S4	73,80 oct Data unver.
Lake Village (Ind)	1 NW;hwy S	650	22 S2	80 oct. Data unver.
La Porte (Ind)	2.5 SSW;RR W	801	29 L3 S6	80 oct.S&SW blkd.
Lockwood (Frankfort, Ind)	2.5 S;RR W	873	20 S6	80 oct.E,SE blkd
Logan (Logansport,Ind)	7 S	594	15 S1	80 oct.P-line S.
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct.No sto. Appchs blocked, except SW Port lgts prior req
McCOOL H Fac.(Int)(Ind)	359 (ML)		MHW	Oper. cont.
* McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	(Ind)
Machesney,7,CG-Twin Cities (Rockford,Ill)	6 NNE;riv NW	735	29 L3 S6	73,80 oct.E,S blkd.P-line SE
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73,80 oct N,NE blkd. P-line E,SE.
Malanzas (Havana,Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Medbery (Armington)	1 NE	650	26	Data unver. (Ill)
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct.P-line S,W
Midway (Goshen,Ind)	5 NW		36	Data unver.
MOLINE Range (Ill)	224(MO) (116.1)	142°, 12.0	SBRAZ-DTV	(4); 116.1
MOLINE ARPT Range (Ill)	278	86° 2.3	ML	3105 (on req)
(P) [Moline] (Ill)	4 S;hwy E,N	590	40h L6 S6	73,80,91 oct.100 oct for Army. Poles NW.
Monticello (Chalmers, Ind)	3 ENE;RR W	650	19 S2	80 oct. Hwy W.
Morton (Ill)	3 W;hwy N		18 S4	80,91 oct Data unver.
Mt. Hawley (Peoria,Ill)	6.4 N;RR SW	700	28 S6	80,91 oct.P-lines SE,S.
Ockley (Ind)	1 W		23	Pwrlines N.W. SW Trees E.Data unver.
Ottawa (Ill)	Adj NW		22 S2	80,91 oct Data unver.
Paul S. Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S4	80,91 oct. P-line NE, SW.
Pecatonica (Ill)	1 N;hwy E	750	24 S1	73 oct. Poles E.
Pekin (Ill)	4 S;bet RRs	505	29 S6	80 oct.P-line W,N,E.
PEORIA Range (Ill)	356 (PI)	178° 2.3	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW rd E.	659	44h L5 S6	80,91 oct.No flood or boundary lgts.
Phil-Larry (Roanoke, Ill)	4 W	747	23 S6	80 oct. Data unver.
(P) Plymouth (Ind)	1.5 NW;RR E	898	32 S4	80,91 oct.Poles W,E.
→ Port O'the Woods (Annapolis,Ind.)	2.2 NNW	560	33 S4	80 oct.Trees E,NE,WSW
Powell Brothers (Sheldon, Ill)	2.2 S;hwy NE	690	20 S2	80 oct.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
Reimer (Lafayette, Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver.
ROCKFORD Range (Machesney)(Ill)	338 (RD) (116.1)	45°, 1.7	SBRAZ-DTV	(4); 116.1
(P) Rubinkam (Harvey,Ill)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct.Use W
Russell's (Hoopeston, Ill)	6.5 WNW; RR S		13	PRIVATE.Data part, unver.
St. David (Ill)	1.5 SW;RR N	628	22 S2	80 oct.200' stack NE.
Sandwich (Ill)	1 W;RR N		18 S4	80 oct. Data unver.
SOUTH BEND Range (Bendix)(Ind)	215 (SN) (116.1)	75°, 3.3	SBMRAZ-DTV	(3); 116.1
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4)
Springfield (Ill)	3.5 SW; bet RRs	606	31 L4 S6	80,91 oct.Use strips. Lgts prior req
Stair (Mulberry, Ind)	0.3 NE;hwy S	650	16 S4	80 oct.No sto. P-line S. Data unver.
Starke Co.(Knox,Ind)	1.7 S		26 S3	80 oct.P-lines sur fld No sto.
Sterling (Ill)	1.4 NW; hwy E	645	25 S6	80,91 oct E,SE blkd.
Stockton (Ill)	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Svc.(Ill)	2 ENE;hwy S	650	26 S4	80 oct. P-line E.
Triangle (Dyer,Ind)	1.5 NE;RR E	630	33 S4	80,91 oct.P-line S,SE Bldg W.
Triangle Air Service (Wellsboro, Ind)	2 NNE; hwy S	800	23 S2	80 oct.
Twin Cities-Ross (Benton Harbor,Mich)	1.5 NNE; RR S	649	38h S6	80 oct. Poles E.
(P) University of Illinois (Champaign, Ill)	5.5 SSW; RR E	752	53h S6	80,91 oct. Flares on req.
Urschell (Valparaiso, Ind)	1.7 NNE; hwy E	786	26 S2	80 oct. P-line N.
* Van Orin Int, 34, OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vermillion (Danville, Ill)	4 E;RR N, SW	650	21 S4	80 oct.30' poles S.
Vogel (La Salle, Ill)	6.5 NNW; RR E	664	26 S2	80,90 oct.Soft when wet Poles N,W

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs,Compass Locators in kcs)

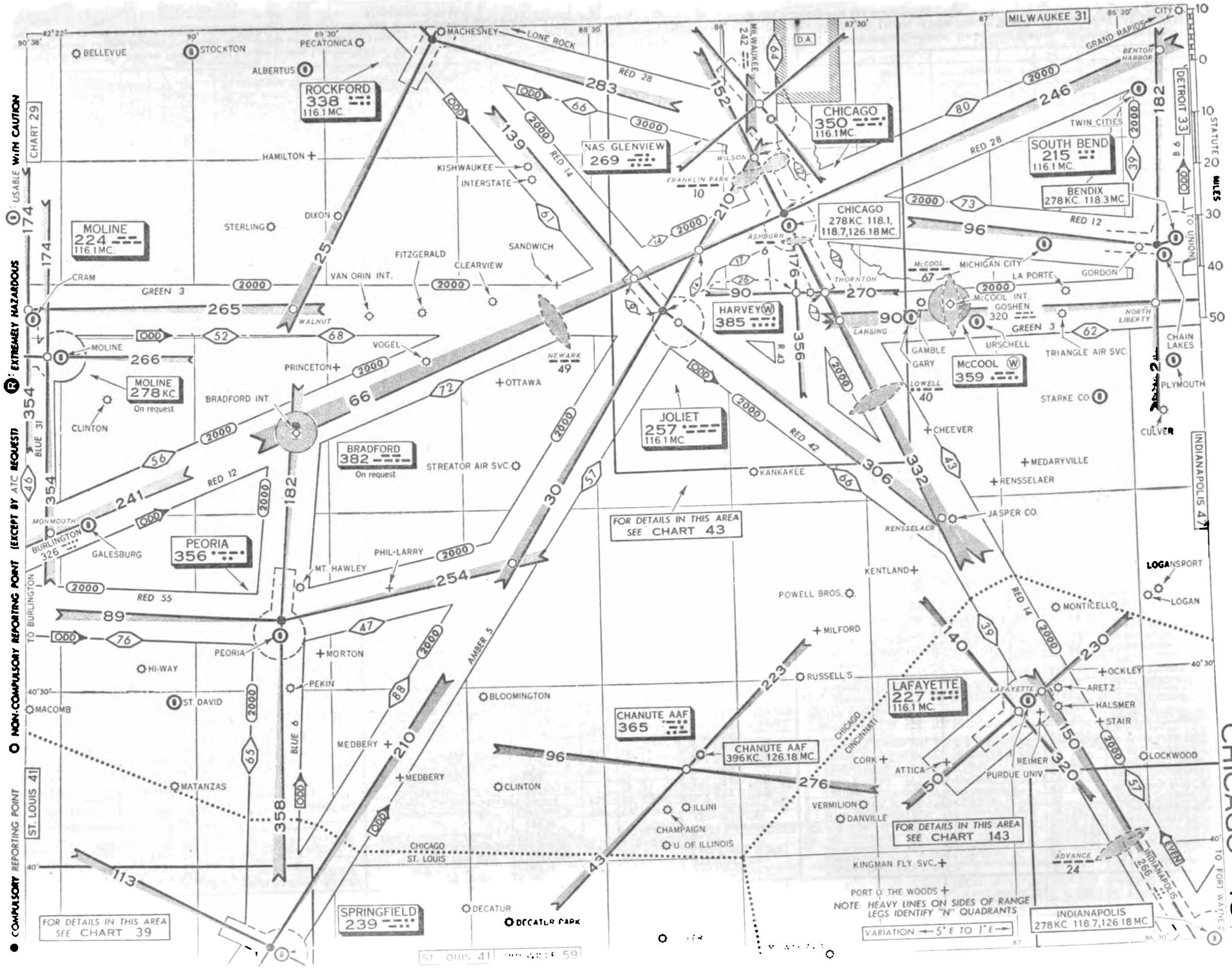
LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS	
CHICAGO	109.9	333.8	132°	MM- ·—·—· (0.79)	OM- ——(5.8)
				MMH- 201 ···	OMH- 219 ·—··
				MM-	OM-
				MMH-	OMH-
				MM-	OM-
				MMH-	OMH-
				MM-	OM-
				MMH-	OMH-

NEW FACILITIES

→ Milford (Ill)	0.5 N; RR E	670	29 S5	80,91 oct. Tank ESE. Data unver.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) * - Guarded only when associated tower inoperative.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


CHICAGO 45
MILWAUKEE 31
DETROIT 33
ROCKFORD 338 116.1MC.
CHICAGO 350 116.1MC.
NAS. GLENVIEW 269
SOUTH BEND 215 116.1MC.
CHICAGO 278KC. 118.1, 118.7,126.18MC.
BENDIX 278KC. 118.3MC.
MOLINE 224 116.1MC.
HARVEY (W) 385
McCOOL (W) 359
JOLIET 257 116.1MC.
MOLINE 278KC. On request
BRADFORD 382 On request
PEORIA 356
LAFAYETTE 227 116.1MC.
CHANUTE AAF 365
CHANUTE AAF 396KC. 126.18MC.
SPRINGFIELD 239
INDIANAPOLIS 278KC. 118.7,126.18MC.
MACHESNEY
LONE ROCK
BELLEVUE
STOCKTON
PECATONICA
ALBERTUS
HAMILTON
KISHWAUKEE
INTERSTATE
DIXON
STERLING
FITZGERALD
CLEARVIEW
SANDWICH
VAN ORIN INT.
CRAM
MOLINE
PRINCETON
VOGEL
NEWARK
OTTAWA
BRADFORD INT.
CLINTON
STREATOR AIR SVC.
KANKAKEE
FOR DETAILS IN THIS AREA SEE CHART 43
MONMOUTH
BURLINGTON
GALESBURG
MT. HAWLEY
PHIL-LARRY
TO BURLINGTON
PEORIA
MORTON
PEKIN
HI-WAY
ST. DAVID
MACOMB
MATANZAS
BLOOMINGTON
MEDBERY
CLINTON
CHICAGO ST. LOUIS
ILLINI
CHAMPAIGN
U. OF ILLINOIS
DECATUR
DECATUR CARK
FOR DETAILS IN THIS AREA SEE CHART 39
WILSON
FRANKLIN PARK
ASHBURN
THORNTON
LANSING
McCOOL
MICHIGAN CITY
LA PORTE
GORDON
McCOOL INT.
GOSHEN
URSCHELL
GAMBLE
GARY
LOWELL
TRIANGLE AIR SVC.
NORTH LIBERTY
CHAIN LAKES
PLYMOUTH
CULVER
STARKE CO
CHEEVER
MEDARYVILLE
RENSSELAER
JASPER CO.
TWIN CITIES
BENTON HARBOR
GRAND RAPIDS
TO UNION
KENTLAND
POWELL BROS.
MILFORD
RUSSELL'S
MONTICELLO
LOGANSPORT
LOGAN
OCKLEY
ARETZ
HALSMER
STAIR
LOCKWOOD
CORK
ATTICA
REIMER
PURDUE UNIV.
VERMILION
DANVILLE
KINGMAN FLY SVC.
PORT O' THE WOODS
ADVANCE 24
INDIANAPOLIS 266
EVEN
TO FORT WAYNE
INDIANAPOLIS 47
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 5° E TO 1° E
ST. LOUIS 41
ST. LOUIS 59
CHART 29
BLUE 31
BLUE 6
AMBER 5
RED 28
RED 14
RED 12
RED 55
RED 42
GREEN 3
D.A.
R 43
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES

INDIANAPOLIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Adrian City (Adrian)	3 SW;RR N	800	25 S6	80,91 oct.Obsts sur fld.
ARCHBOLD H Fac.(Ohio)	371 (YV)		MHW	(Cont.) (Mich)
* Archbold Int,18,CG-LG	3.5 NNW;RR N	716	28 L3	(Ohio)
Attica (Ind)	2 S;hwy W	647	26 S1	80 oct.Data unver.
Auburn (Ind)	1.3 NNW;RR E	872	27 S6	80,91 oct.P-lines E,W. Soft when wet.
BAER Tower (Ft.Wayne)	278		C	(4)
(A) [Baer](Ft.Wayne,Ind)	7.5 SSW; RR E	799	63h L5 S4	91 oct.100 oct.Army Fld lgts prior req.
BENDIX Tower (So.Bend)	278 (118.3)		C	(4); 118.3,122.5
[Bendix](So.Bend,Ind)	3.5 NW,hwy S	778	48h L3 S6	80-100 oct.P-line E,S.
Black Hawk (Sheridan)	5.3 N,hwy E	925	17 S2	80 oct. (Ind)
Bluffton (Ind)	0.1 S		31	Data unver.
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. (Ohio)
Bringham(Portland,Ind)	1.5 E;RR E	1020	20	Poles S;120'tank SW.
Bryan-Defiance Mem'l (Defiance, Ohio)	5.2 NW,riv E	705	31 S2	73,80 oct.P-line S,E.
(N) Bunker Hill NAS (N)	1.8 W;RR N	798	50h	INACTIVE. (Ind)
Cadet (So.Bend,Ind)	6.5 NE;RR E	730	33 S4	80 oct.Twr W;p-line E
Cass Co.Memorial (Dowagiac,Mich)	1 NW	750	31 S4	80 oct.P-lines E,NE. S blocked.
Cedar Lake (Ind)	1.5 NNW,lk E	751	28 S4	73,80 oct.Data unver.
Cedar Lawn (Kenton)	2.3 S,RR E	975	18 S2	80 oct.Poles E.(Ohio)
Chain Lakes (So.Bend)	5.2 W,hwy N,S	765	22 S3	80 oct. (Ind.)
Cheever(Demotte,Ind)	3 W		29 S1	80 oct.Data unver.
► CLINTON CO.AAF Range	114.3 (DWO)		VARW	(8-1630 Mon.-Fri)
CLINTON CO. Army H Fac. (Ohio)	201	220° 0.2	MH	(8-1630,Mon.-Fri.or on 30 min.notice)
CLINTON CO.Tower (O) (Wilmington, Ohio)	272 (126.18, 140.58,116.1)		CA(ILS-W) (GCA)	(3);126.18,137.7,116.1 Tr.on 137.88 on req.
(A) Clinton Co.AAF (Wilmington, Ohio) (A)	2 SE;hwy NE	1062	60h L5 S1	73,91,100 oct.JP-1. Rnwy lgts 1 hr's notice
* Coldwater Int,4,DY-GO	2 NW;crk NW	898	33 L3	(Ohio)
Coons(Nevada,Ohio)	0.3 NE;RR S		21 S2	80 oct.Data unver.
Cork(W.Lebanon,Ind)	4 W		24 S1	80 oct.Obsts NE.Data
Coxey's (Winchester, Ind)	1 ESE	1088	16 S6	80 oct.P-line unver. S,SW.Stacks NW.
Crabill (Springfld,Ohio)	2.5 SE;RR E	1040	29 S6	80 oct.P-line S.
Culver (Ind)	2 E;lk W	815	26	
Dahio (Dayton,Ohio)	8.5 W;hwy S	925	37 S4	80 oct.
DAYTON Range (Ohio)	245 (DY) (116.1)	90°, 3.2	SBMLZ-DTV	(3); 116.1
DAYTON Tower (Ohio)	278 (126.18, 118.9)		AC (ILS-W)	(4);122.5,126.18,118.9
(P) [Dayton] (Ohio)	10 N;hwy E	1007	55h L6 S6	73,81,91,100 oct.
Dr.Haines (Three Rivers, Mich)	2.3 NE;riv SE	820	26 S2	80 oct.N,E,S blkd.
E.Richmond (Richmond)	3.7 ESE;RR E	1090	20 S6	73 oct. (Ind)
Elkhart (Ind)	2.7 NNW	752	27 S6	73,80 oct.Hedge N.RRS
Elwood (Ind)	2 S;hwy NW	850	23 S6	80 oct.P-line S.
FINDLAY H Fac.(Ohio)	209 (JF)		BMHT	(4) (cont)
Findlay (Ohio)	1.5 SSW	800	27 L5 S4	80 oct. Hwy NW.
FORT WAYNE Range (Ind) (Baer Field)	251 (FW) (116.1)	51°, 3.5	BMRLZ-DTV	(4); 116.1
Franklin (Toledo,Ohio)	4.5 WNW	630	32 S4	80 oct.Poles sur fld.RR S
Gamble (Hobart,Ind)	1.8 NNW; hwy S	650	25 S6	80,91 oct.P-line NE,E
Gary (Ind)	6 S,hwy W	610	23 S6	80,91 oct.P-line E,SE,S.
Gordon (New Carlisle, Ind)	2.8 ESE; RR N	730	13 S1	Fuel avail. SW,W Poles E.
GOSHEN Range (Ind)	320 (GO) (116.1)	90°, 2.7	SBRAZ-DTV	(4); 116.1
(P) Goshen (Ind)	4.5 SSE	823	39 L3 S6	80,91 oct.P-line S,SE,SW
Grieser (Wauseon,Ohio)	2.5 E;RR N	750	24 S1	80 oct. Riv SW
Grimes (Urbana,Ohio)	1.5 N;RR W	1055	35 L4 S6	80,91 oct.Fld lgts prior
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct.Port req. lgts on req.P-line SW.
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE,SSW
Highland (Perrysv'l,Ind)	2.8 WNW	585	23 S2	Ltd 73 oct.
Hightman (Lebanon,Ohio)	3 E;RR W	880	16 S1	80 oct. Trees W,E.
Hillsdale (Mich)	1.6 NW;RR E	1160	19 S4	80 oct.Poles NE.
(P) Hulman (Terre Haute, Ind)	5 ESE hwy N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Huntington Mun.(Ind)	2.5 SSE;riv S	825	22 S4	73 oct.P-line W,NW.
INDIANAPOLIS Range(Ind)	266 (ID)(116.1)	82°,3.2	SBRAZ-DTV	(3); 116.1
INDIANAPOLIS Tower	278 (126.8, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7 (Exper. GCA)
(P) [Indianapolis](Ind)	8 SW,hwy N	796	53h (L6) S6	73-100 oct.Exper lgtg.
Jasper Co.(Rensselaer)	1.5 WNW	676	32 L3 S4	80 oct.Hwy S. (Ind)
Kendallville (Ind)	2.2 N;hwy W		25 S4	80 oct.No sto.P-line SW.
Kentland (Ind)	6 ENE		19	Data unver. S.
Kingman Fly.Svc.(Ind)	0.5 E;hwy N	710	26 S4	80 oct.No sto.Data unv
Kirsch (Sturgis,Mich)	1 NW;RR E	922	24 S4	80 oct.Poles S,E.Use strips only
Kokomo,mun.(Ind)	4.7 NE	827	40h L5 S2	80 oct.P-line N.Lgts
LAFAYETTE Range	227 (LF)	50°,	BMRL-DTV	(4); 116.1 prior req.
(Purdue Univ.)(Ind)	(116.1)	2.4		
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct.Pole N.(Ohio)
Lansdowne (Greenville) Ohio)	2 ESE,RR N	1208	19 S6	80 oct.Bldgs,hi-line N. Data unver.
La Porte (Ind)	2.5 SSW	801	29 L3 S6	80 oct.S&SW blkd.RR W
Legg (Coldwater,Mich)	1.5 NW	982	32 S4	80 oct. Trees E.
Lima (Ohio)	4 WNW	830	26 S6	80,91 oct.P-line N.RR
Lockwood (Frankfort,	2.5 S;RR W	873	20 S6	80 oct.E,SE blkd. NE
Logan (Logansport) (Ind)	7 S	594	15 S1	80 oct.P-line S. (Ind)
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct.No sto.Apprchs blkd except S,SW.Port lgts prior req.
Manchester (No.Manchester, Ind)	1.5 W;RR E	752	20 S2	80 oct. Poles S.
Marion (Ind)	3.8 SSW; hwy E	832	24 L S6	80,91 oct.P-line NE,E Port lgts on req.
Marion (Ohio)	2.5 WNW	915	28 S2	80 oct. RR S.
McCOOL H Fac. (Ind)	359 (ML)		MHW	Oper. cont.
* McCool Int,3,CG-LG	2 SW,hwy S	654	24 L3	(Ind)
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Mettel (Connersv'l,Ind)	2.8 NNE	950	29 S2	80 oct. Bet.RRs.
Meyers (Ft.Wayne,Ind)	3 SSE;rd S,E		24 S6	80,91 oct.Pwrline NE.
(P) Miami Univ.(Oxford. Ohio)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct.P-line S,W.
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct.Poles E,SW.
Midway (Goshen,Ind)	5 NW		36	Data unver.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct.Trees W.(Ohio)
Monticello(Chalmers)	3 ENE;RR W	650	19 S2	80 oct.Hwy W. (Ind)
Monroe (Newport,Mich)	3.5 SSE;lk SE	590	29 S4	80 oct.Trees NE,SE,SW
(P) Muncie (Ind)	3.5 N;RR SW	950	32h L4 S6	80,91 oct.Lgts on req.
National Avia.(Toledo, Ohio)	4.1 NNE; RR E	595	38 S6	91 oct.P-line S,W,NNE.
New Westville (New Paris, Ohio)	2.8 S;RR S	1180	21 S1	80 oct.Poles E,NW,SE.
Niles (Mich)	1.5 NE;RR NW	740	28 S2	80,91 oct.P-line NE,N
No.Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	No sto.Poles S. blkd
Ockley (Ind)	1 W		23	P-lines N,W.Trees E
PATTERSON Army Range (Fairfield)(Ohio)	379 (DPK) (137.88)	32° 2.96	SBMRAZ-DTV	(4);137.88 Data unver.
PATTERSON Tower	396 (126.18)+		CA(ILS-W) ●53,13	(4); 126.18
(A) Patterson (Fairfield)(A)	1.6 WSW	819	78h L6 S4	73,100 oct.JP-1.(Ohio)
.Paul S.Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S4	80,91 oct.P-line NE,SW
Paulding Co.(Paulding, Ohio)	2.5 NE;RR W	720	26 S2	80 oct.Poles S.Data unv.
Peru (Ind)	3.5 WSW	650	24 S6	80 oct.S,SW blkd.Riv E
Piqua (Ohio)	4 WNW;RR S	1000	19 S2	80 oct.Poles S,SE,SW.
(P) Plymouth (Ind)	1.5 NW;RR E	898	32 S4	80,91 oct.Poles W,E.
Port Core (Rushsylvania, Ohio)	1.6 SSW; RR NW	1275	14	Poles NNE;trees SSW.
Port Koneta (Wapakoneta, Ohio)	2.5 NNE;RR E		26	80 oct. Data unver.
Port O'the Woods (Annapolis, Ind)	2.2 NNW creek N	560	33 S4	80 oct.Trees ENE,WSW
(P) Purdue Univ.(Lafayette, Ind)	2.5 W;RR N	605	35h L3 S6	80 oct.No sto.P-line N stack NE.
Reimer (Lafayette,Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver.
Richmond,com. (Ind)	4 WSW;hwy N	1075	'38 L1 S6	80,91 oct.P-line N,E.
(P) Richmond,mun.(Ind)	6 SSE;RR W	1139	55h L5 S1	80,91 oct.No flood lgts.
► Rochester (Ind)	1.5 E;RR N	779	25 L S6	80,91 oct.Poles SE,NW,N.
Ruzicka(Kokomo,Ind)	2.5 S;hwy E	800	26 S6	80 oct. Pole E. NE blkd
St.Joseph Co.(Centerv'l)	5 SE;RR N	830	26	P-line N,NW blkd (Mich)
Shaffer's (La Fontaine)	5 NE;hwys N,W		19 S4	80 oct.Data unver (Ind)
Sidney (Ohio)	1 W;RR S		25 S2	80 oct. Data unver.
Skinner (Hicksv'l,Ohio)	1.6 NNW	810	26 S1	73 oct.Obsts sur fld RRS
Slager (Fremont,Ohio)	2 NW;RR SW	630	19 S6	73,80 oct.No sto.P-line
Smith (Ft.Wayne,Ind)	4.5 N,bet RRs	831	35h L4 S6	80,91 oct.Lgts N,E,SE prior req.
Smith (Warsaw, Ind)	4 N	790	27 S2	80 oct.P-line NE,SSW
SOUTH BEND Range (Bendix) (Ind)	215 (SN) (116.1)	75°, 3.3	SBMRAZ-DTV	(3); 116.1
So.Dayton (Dayton,O)	5 SSW;RR W	750	32 S6	80 oct.No sto.Hills S.
Spink-Wawasee (Syracuse, Ind)	3.4 E	880	15 S1	80 oct. P-lines N,NE,S, SW.
Sportsman (Mishawaka)	3.7 NE;riv S	760	18 S4	73 oct.No sto.Poles E,S.
Springfield (Ohio)	4.2 ESE: RR N	1050	27 L4	80 oct.No sto. (Ind.) Lgts prior req.
Stair (Mulberry,Ind)	0.3 NE;hwy S	650	16 S4	80 oct.No sto.P-line S
Starke Co.(Knox,Ind)	1.7 S		26 S3	80 oct.P- lines sur fld. Data unv No sto.
Steed (Portland,Ind)	1.5 NW	1030	20 S2	80 oct.Obsts N end NE/SW strip. Data unver
Stombaugh(Bryan,Ohio)	0.5 S		24 S4	80 oct.No sto.Fence E; wire W.Data unver.
TERRE HAUTE Range (Hulman)(Ind)	248 (TH) (116.1)	69°, 5.8	BMRLZ-DTV	(4); 116.1
Tiffin (Ohio)	1.9 N;RR W	750	26 S4	80 oct.Poles E.
TOLEDO Range (Ohio)	239 (TL) (116.1)	10°, 2.7	SBMRAZ-DTV	(3); 116.1
TOLEDO Tower (Ohio)	263		C	(4)
(P) Toledo (Ohio)	8.2 SSE	623	42h L5 S4	80,91,100 oct. RR W.
Treaty City (Greenv'l)	1.5 NNE	1060	20 S4	80 oct.P-line W.(Ohio)
Triangle (Wellsboro)	2 NNE,hwy S	800	23 S2	80 oct. (Ind) Hwy W
Tri-Co.(New Holland)	3 ESE;RR N	850	21 S1	80 oct. (Ohio)
(P) Tri-State (Angola,Ind)	4.2 W;lk W	900	35 S4	80,91 oct.P-line SE,S,SW
Urschell(Valparaiso)	1.7 NNE;hwy E	776	26 S2	80 oct.P-line N.(Ind)
Waco-Troy(Troy,Ohio)	1.8 SW;RR E	870	30 S6	80 oct.No sto.All appchs
Van Wert (Ohio)	1 WSW,hwy S	785	26 S6	80,91 oct.Poles blkd. N,S,NW,NE.
Voss(Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unv
Wakefield(Huntington)	4 N;hwy E	750	30 S4	80 oct.P-lines SE,SW.(Ind)
Washington(Wash.C.H.)	4.5 ENE;RR S	910	22 S3	80 oct.P-line S.(Ohio)
West Side (Marion,Ind)	2.5 NW;hwy S	835	26 S6	80, 91 oct.
Whittenberger(Wabash)	1.5 NNW	770	20 S2	80 oct. Hwy E. (Ind)
WRIGHT Tower (Ohio)	260 (126.1)		CA	3105,4495; 126.1
(A) Wright (Dayton, Ohio)	5 ENE;RR	800	72h L5	(A)

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs. Compass Locator in ms.)

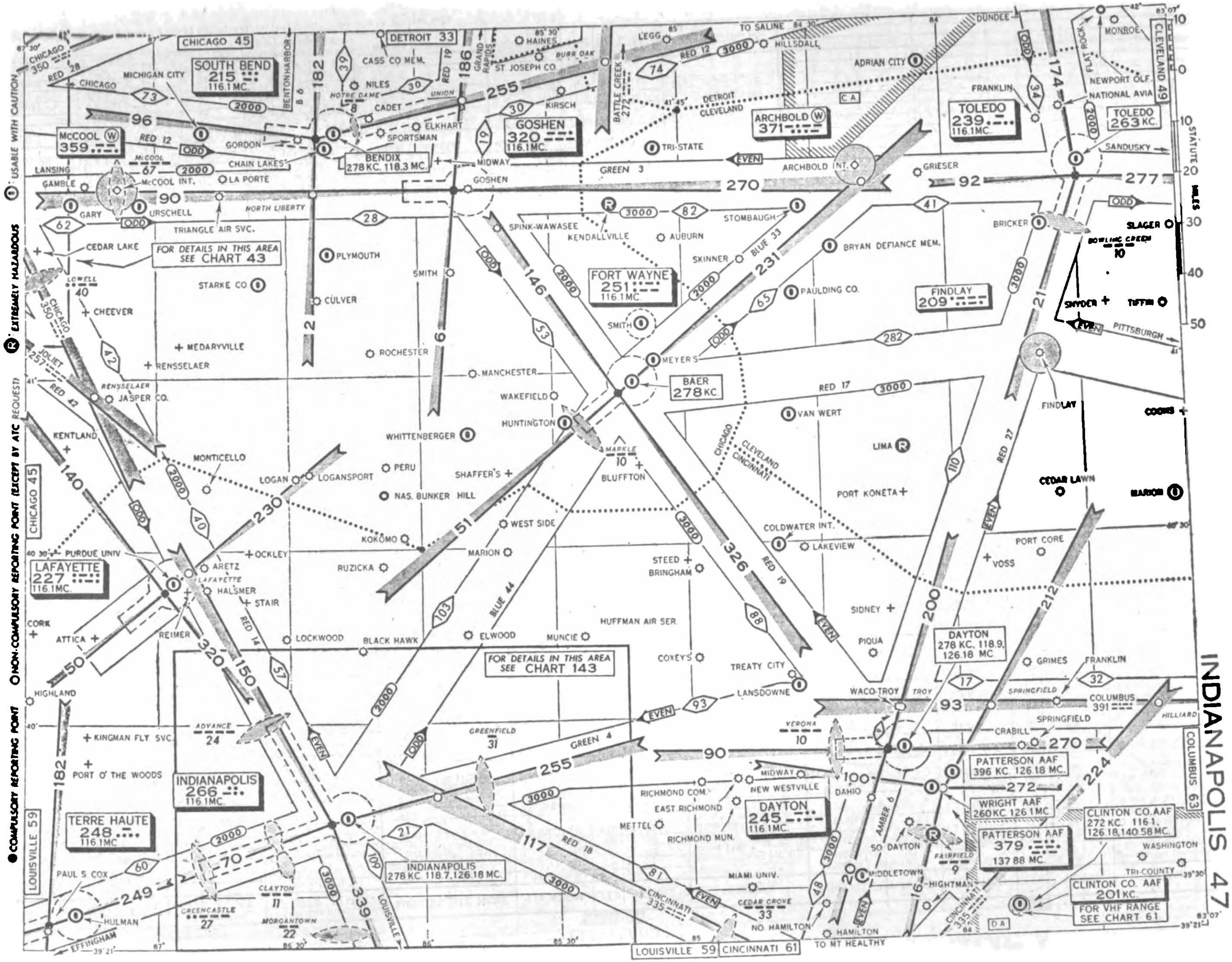
LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-
					MMH-	OMH-
DAYTON	110.3	335	55°	IM- ••••••(0.05)	MM-	OM- ——(4.4)
					MMH-	OMH-
INDIANAPOLIS(L6)	109.9	333.8	44°	IM-	MM- •——(0.89)	OM- ——(4.3)
					MMH-201 —••	OMH-219 ••
PATTERSON (A)	108.7	333.8	210°	IM- (0.05)	MM- ••••••(1.12)	OM- ——(4.5)
					MMH-	OMH-

NEW FACILITIES

► Crown Point (Ind)	2 N	650	27 S6	80 oct.Poles E,NE.	

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.B. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★ – Guarded only when associated tower inoperative.

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
► New or revised data. [Jones] – Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


INDIANAPOLIS 47
CHICAGO 45
DETROIT 33
CLEVELAND 49
SOUTH BEND 215 116.1MC.
McCOOL 359
GOSHEN 320 116.1MC.
BENDIX 278 KC. 118.3 MC.
ARCHBOLD 371
TOLEDO 239 116.1MC.
TOLEDO 263 KC.
FORT WAYNE 251 116.1MC.
FINDLAY 209
BAER 278 KC.
LAFAYETTE 227 116.1MC.
INDIANAPOLIS 266 116.1MC.
TERRE HAUTE 248 116.1MC.
DAYTON 245 116.1MC.
DAYTON 278 KC. 118.9, 126.18 MC
PATTERSON AAF 396 KC. 126.18 MC.
WRIGHT AAF 260 KC. 126.1 MC.
PATTERSON AAF 379 137.88 MC.
CLINTON CO. AAF 272 KC. 116.1, 126.18, 140.58 MC.
CLINTON CO. AAF 201 KC.
INDIANAPOLIS 278 KC. 118.7, 126.18 MC.
FOR DETAILS IN THIS AREA SEE CHART 43
FOR DETAILS IN THIS AREA SEE CHART 143
FOR VHF RANGE SEE CHART 61
LOUISVILLE 59
CINCINNATI 61
COLUMBUS 63
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
STATUTE MILES

RADIO AIDS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
MICHIGAN			
BISHOP (Flint)	278(118,3)	C	(4):118,3,122.5
→ DETROIT CITY (Detroit)	278(118.5)	C	(4):122.5
DETROIT NAS	269(142.74)	CN	(3):142.74 (8-17)
DETROIT	201 (D)	MHW;329°,2.2	Detroit City Arpt.
FLINT	335(FN)(116.1)	MHTV	(3);116.1
ROMULUS	230(DT)(116.1)	SBRAZ-DTV;86°, 2.8	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt Clemens)(Army)	388 (DLD)	SBMRAZ;119°,2.0	(3); 126.18
Selfridge Field	396 (126.18) +	CA(ILS-W)	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
→ YPSILANTI (Willow Run)			DECOMMISSIONED
Willow Run Arpt.	332 (118.7)	C(ILS-W)	(4); 118.7
OHIO			
AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272(118,9)	C; 45°, 0.4	(4);122.5,118.6
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 201°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(3); 116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (JF)	BMHT	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
→ HOMERVILLE FM			DECOMMISSIONED
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. - - - -)	FM; 280°, 26	Cleveland
CANADA			
WINDSOR, ONT.	353(QG)	SBRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)						
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM- (0.23)	MM- ····· (0,83)	OM- -- (4.31)
					MMK-	OMK-
WILLOW RUN			50°	IM-	MM-	OM-
					MMH 341 - (0,65)	OMK 359 - - -(5,80)
				IM-	MM-	OM-
					MMK-	OMK-

S Simul Range and Voice, W Without Voice, ‡ VHF Range Station Location Marker, (3)-3105, 6495, 6210 kcs, (4) 3105, 6495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Columns Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW, blkd
→ Ann Arbor	4 S	835	28 L3 S6	80 oct. NE blkd. SW
Baker's (Port Huron)	3 NNW;RR NNE	585	27 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	32 S2	80,91 oct. N blkd.
Big Beaver	0.8 E;hwy W	650	21 S6	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct. P-line N
Burns (Detroit)	8.5 WSW;RR N	625	19 S6	80 oct. SW blkd.
Caro	3 WSW;RR SE	741	22 S2	80 oct. S,SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line N
Croswell City	1 W;RR,riv E	732	26 S1	80 oct. S blocked.
Dalton (Flushing)	2 ESE;riv W		26 S4	80 oct. Data unver.
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. P-line E.
→ DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	80,91 oct. Fee, com acft ARPT OF ENTRY. P-line N.

AIRPORTS — MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct. Poleline sur fld
Gridley(Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct. Pole E;woods N.
→ Hance (Wyandotte)	2.5 W;hwy N,E	590	28 S6	80 oct. N blckd.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. P-line E, trees ENE, W, WSW, WNW
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct. Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	80 oct. Obsts sur fld.
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct. Poles NW; bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct. Poles N.W.
Milan	3.8 SW;RR SE	705	23 S2	80 oct. Poleline N
→ Monroe (Newport)	3.5 SSE;lk SE	590	29 S4	80 oct. Trees NE, SE, SW.
Nan-Bar (Flat Rock)	0.7 ENE,RR N	590	28 S6	80 oct. Smudge pots prior req. Data unver.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	635	29 S4	80 oct. Poles NE,NW.
(N) Newport OLF (N)	3 W;hwy E	608	20h	
→ Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct.
(NG) Romulus	See Wayne Co. under "New Airports" - name changed.			
Roseville	0.5 S;hwy W	610	31 S6	80 oct SE,SW blocked
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct. Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct. Poles NE,SE,SW, NW. Lgts on req.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. N,NE blocked.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct. JP-1. Poles E. FOREIGN CLEAR STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE
Stinson (Wayne)	1.4 SW;RR E	664	25h S6	80 oct. P-line NNE PRIV.
* Tecumseh	1.8 NNE;riv SW	815	26 S6	80 oct. P-lineS. Wblkd
→ Thomas B. Joy (Detroit)	See Joy under "New Airports" - name changed.			
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct. 30' poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct. Pole line N.
→ Washtenaw (Ann Arbor)	5 W	867	26 S2	80 oct. Hi-line S. Data unver.
West's (Clio)	4 SW;rd E	690	21 S2	80 oct.
(P) Willow Run (Ypsilanti)	4 E;RR N; riv S	715	74h R2 L5 S1	90,100 oct. Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	23 S1	73 oct. N,NE blocked.
OHIO				
(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct. No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80,91 oct. Poleline W
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. E blocked
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct. Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE	600	18	
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct Pole line all sides.
Gage (Mansfield)	4.5 W;RR SE	1360	13 S2	73 oct.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy S	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	80 oct. P-line SE,S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto. Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct. Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE.	1080	30 L S6	80 oct. Pole line sur fld.

AIRPORTS — OHIO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto. Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct. Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct. No sto. Poles SSW. Const. E/W rnwy.
Norwalk	0.8 NE;RR W	700	18 S2	80 oct. Poles W,SW.
Norwalk Airpark(NC)	2 NNE;RR W	690	29 S2	73,80,91 oct. Poles W, SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	29 S1	80 oct. Poles E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int.4B.CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus(Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct. Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV. ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto. Pole line N,E,SE.
Snyder (Fostoria)	1 E;reservoir SSW		32 S1	80 oct. Data unver.
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct. No sto. Poles sur fld.
Tiffin	1.5 N;RR W	750	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	623	42h R2 L5 S4	80,91,100 oct.
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE. Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct. Pole line W. Rnwy data unver.
Willard	1.6 SSW;RR NE	960	22 S2	80 oct. Poles W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.
NEW AIRPORTS				
Akron-Canton, (Ohio)	9.5 NNW;RR W	1227	56h L5 S2	80,91 oct. No bcn, fld lgts.
(NG) Wayne Co. (Detroit, Mich) (NG)	16 SW;RR N	630	61h R1 S3	100 oct. Tech maint NG. ARPT OF ENTRY.
→ Lodi (Ohio)	2.2 NE;hwy E	1135	25 S4	80 oct. Poles W, bldg NE
→ Joy (Detroit, Mich)	13 NE;RR W	616	24 S6	80 oct. Trees SW.

h hard surfaced runway(s) R radio facilities L lighting facilities S servicing (See page XIII) NC (not charted) → NEW OR REVISED DATA

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS

Ⓤ USABLE WITH CAUTION

CLEVELAND 49

HEAVY LINES ON LEGS JOURNEY ■ SHOW 10 STATE QUADRANTS

DETROIT AREA

DETROIT 33

JAMES CLEMENTS

SKYHAVEN

SAGINAW

SAGINAW 212

CARO

DETROIT 33

STATUTE MILES

FLINT 335 (116.1)

On request

DALTON

WEST'S

FORREST

CROSWELL CITY

MICH. 3 D.A.

BISHOP 278 (118.3)

LAPEER

SEELY'S

BAKERS

MICH. CAN.

ST CLAIR CO. MUN.

TO LANSING

ALLEN'S CENTER

SELFRIDGE AAF 388

OXFORD

PONTIAC

SELFRIDGE AAF 396 (126.18)

HIGHLAND

HOWELL

WIXOM 20

ROMULUS 230 (116.1)

WASHTENAW

ANN ARBOR

GRIDLEY

MCENNAN

SALINE 20

MITCHELL BAY

RED 1

CLEAR CREEK 248

CHATHAM

GREEN 2

TO BURR OAK

FLAT ROCK

ECORSE

RED 59

WINDSOR 353

CAN. OHIO

BUFFALO 51

MILAN

DUNDEE

WILLOW RUN 332 (118.7)

NAN-BAR

NAS. DETROIT 269 (142.74)

TECUMSEH

MONROE

NEWPORT OLF

RED 21

RED 20

FOR DETAILS IN CLEVELAND AREA SEE CHART 141

PERRY 332 (116.1)

On request

AMBER 9

CLEAR CREEK 248

NATIONAL AVIATION

MICH

OHIO

FRANKLIN

DETROIT CLEVELAND

OHIO 6 D.A.

CLEVELAND 344 (116.1)

PERRY

ERIE 371

TOLEDO 263

PUT-IN-BAY

PENINSULA

TO ARCHBOLD

VERMILION

ELYRIA

AVON LAKE

BRECKSVILLE

BLUE 11

SANDUSKY

BOWLING GREEN

BRICKER

HINDE

GREEN 3

TO ERIE

TO YOUNGSTOWN

TOLEDO 239 (116.1)

SLAGER

NORTH ROYALTON

PARKMAN

NORWALK

SNYDER

TIFFIN

PARKS

FINDLAY

KENT STATE

AKRON 362 (116.1)

MEDINA PRICHARD

WESTFIELD

LING

WILLARD

RED 17

MANSFIELD

AMBER 6

ASHLAND

AKRON 272 (118.9)

MILLER

TAYLORCRAFT

TO FORT WAYNE

TO TROY

FINDLAY 209

GAGE

AKRON-CANTON

WOOSTER

PORT BUCYRUS

GALION

McKINLEY

NOBLE

MARTIN

CLEVELAND

PITTSBURGH

DAYTON 245

COLUMBUS 63

COLUMBUS 391

HAYESVILLE

TO NEWARK

TO PITTSBURGH

TO WELLSBURG

HAYESVILLE 329

WIXOM 20

BIG BEAVER

BERZ

McKINLEY

KRIST-PORT

WARREN

THOMAS B. JOY

ROSEVILLE

DETROIT CITY 278

DETROIT 201

METTETAL

BURNS

TRIANGLE

NATIONAL FLY SVC

HARTSELL AIR TERM

FORD

STINSON

HANCE

WAYNE CO

ROMULUS 230 (116.1)

SCALE OF MILES 5 0 5 10

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albert (Philipsburg, Pa)	5.5 NNW;rd N	1750	38 S5	80,91 oct.P-lines sur fld. Rnwy data unver.
Angola (N.Y.)	1.4 N;RR SE	610	15 S1	80 oct.
Arcade (N.Y.)	2 N;RR E,W	1740	22 S4	Ltd 80 oct. No sto.
Ashtabula (Ohio)	3.1 W;lake N	621	17 S2	80 oct.
Audubon (Getzville, N.Y.)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia (N.Y.)	2.4 NNE;rd W	910	30 S6	80 oct.P-line W. Trees E.
Becker (Brockton, N.Y.)	0.7 S;RR S	320	15	
Bernard (Youngstown, Ohio)	3.4 E;lake NE	1140	28 S6	73,80 oct.P-line N,S,W.
Bird (Youngstown, Ohio)	2.6 NE;RR W	1000	22 S4	80,91 oct. P-line W, N.
→ Braebreeze (Marchand, Pa)	0.3 N;RR NW	1600	18 S2	80 oct. Trees N,NE.
Brockway (Pa)	1.3 NE	1700	18	
Brokenstraw (Youngsville,Pa)	2.6 W;RR S	1230	17 S4	73 oct.
BROOKVILLE H Fac. (Pa)	391 (BR)		MHW	
★ Brookville Int,45A,CG-LG (Pa)	2 WSW;RR E	1416	30 L3 S1	80 oct.
Buffalo Arpk (Gardenville,N.Y.)	1.5 ENE;rd S	680	27 S6	80 oct.
BUFFALO Range (N.Y.)	260(BJ)(116.1)	230°, 0.9	SBRAZ-DTXV	(3); 116.1
BUFFALO Tower (N.Y.)	278 (126.18, 118.5)		AC	(4); 126.18,122.5,118.5
(A) [Buffalo] (N.Y.)	6.1 ENE;RR NE	711	56h L6 S6	80-100 oct.;100 oct.Army. ARPT OF ENTRY.
Butler-Alameda (Butler, Pa)	3.4 WNW	1340	24 S6	80 oct. P-line E.
CLEAR CREEK Range (Ontario,Can)	248 (QO)		BRAZ-T	(4)
Clearfield (Pa)	1.5 WSW;RR SE	1220	20 S1	80 oct. P-line NE.
→ Conneaut (Ohio)	See Lakeville			
Conneaut Lake (Pa)	1.7 WSW;hwy SE	1250	18 S2	80,91 oct.P-line SE end.
Conway (Pa)	0.7 N	950	24 S4	80 oct.Hill N.Rnwy data
Country Club (Clarence,N.Y.)	2.3 E;RR S	800	36 L S6	80 oct. Trees SW. unver. Port lgts on req.
County (No.Tonawanda,N.Y.)	3.4 E;RR SW	577	21 S4	80 oct.
DUNKIRK H Fac. (N.Y.)	239 (DK)		MHW	
(P) Dunkirk (N.Y.)	3 E;RR N,S	692	40h L5 S6	80, 91 oct.
→ Dubois (Pa)	1.7 ESE;RR NE	1575	30 S6	80, 91 oct.
ERIE Range (Port Erie) (Pa)	371(ER)(116.1)	64°, 2.0	SBMRAZ-DTV	(4); 116.1
Erie City (Kearsarge, Pa)	0.5 W;hwy E	900	29 L S6	80 oct.Port rnwy lgts.P-line SE.
Erie County (Erie, Pa)	11.6 SW;hwy N	805	24 S6	80 oct.Poles N,E,S.
Falconer (N.Y.)	1.3 NNE;RR S	1250	22 S4	80 oct. Obsts sur fld.
Fredonia (N.Y.)	3.5 W;RR SE		27 S2	80 oct.P-line N,E.
Gowanda (N.Y.)	1.4 NNW;crk W	760	22 S6	80 oct. No sto.
Graf (Lockport, N.Y.)	2,8 N;RR S	380	15 S6	80 oct.
Green (Ridgeway, Pa)	3 NW;hwy 1 E	1720	21 S1	80 oct.
Greenville (Pa)	2.3 W;RR E	1180	17 S2	80 oct. P-line S.
Grove City (Pa)	2.1 SSE;RR E	1275	19 S4	80 oct.
Hall (Warren, Ohio)	3.5 ENE;RR NW	900	26 S2	73,80 oct.Poles E.
Hamburg Arpk(N.Y.)	2 NNW;RR,hwy W	722	23 S2	80 oct. P-line NE.
Harri-Emery (Bradford,Pa)	2.3 WSW;hwy N	1490	26 S1	80 oct.
Hayes (Blasdell, N.Y.)	0.7 SSE;RR,E,W	723	20 S4	80 oct. No sto.
Jamestown (N.Y.)	4.1 N;hwy E	1719	27h S6	80 oct. Trees S.
Keystone Park (Emporium,Pa)	0.5 SW	1210	15	P-line SW,NE.
Kylertown (Pa)	1 WNW	1660	40 S4	80 oct. Trees S,WNW.
→ Lakeview (Burt, N.Y.)	2.2 W;RR S	300	13	
→ Lake View (N.Y.)	1.5 E;hwy W	750	19 S2	80 oct.
→ Lakeville (Conneaut, Ohio)	2 ESE;hwy S	670	18 S1	80 oct.
Lee (Lockport, N. Y.)	1.8 SSE;hwy N	640	18h S2	80 oct. P-line N.
(P) McKean Co. (Bradford, Pa)	11 S;RR SW	2140	45h S1	80 oct.
Medina (N.Y.)	2 W;RR S	500	21 S1	80 oct. Obsts sur fld.
Mercer (Pa)	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
Merry's Pymatuning(Linesv'l,Pa)	1.5 NW;RR E	1200	21 S2	73 oct.P-line NNE.
MILBROOK Range (Pa)	109.1 (MC)		VARW	
Mount Jewett (Pa)	0.8 ESE;hwy N	2240	19 S2	80,91 oct.Trees NE,W.
NIAGARA FALLS Tower (N.Y.)	272 (126.18)		CI	(4); 126.18,122.5(8-20)
(P) Niagara Falls (N.Y.)	4 E;RR N	587	55h L5 S4	80-100 oct.IP-1.No sto.
New Castle (Pa)	4 WNW;hwy SE	1080	29h S5	80 oct.
Olean (N.Y.)	1.8 SE;RR N	1440	22 S6	80 oct.Trees W,N;hill S.
Orchard Park (N.Y.)	2.2 N;hwys W	775	20 S3	80 oct.
Osceola Mills (Pa)	0.5 NE,hwy N	1640	26 S2	80 oct. P-line E.
Palmer (Olcott, N.Y.)	1.2 SSW;RR S	315	17 S2	73 oct. P-line E.
Parker Cramer (Clarion, Pa)	1 ENE;riv N	1480	28 S2	80,91 oct.Rnwy data unver.
Patterson (Beaver Falls,Pa)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville, Pa)	3 SSW;hwy E	1365	20 S2	73 oct.
→ Pembroke Arpk(E.Pembroke,N.Y)	2.5 W;hwy S	900	17 S2	80 oct. Trees SW,W.
Penn-Mead (Meadvi lle, Pa)	3 SSW;hwy E	1365	20 S2	73 oct.
Perry Central (N.Y.)	1.7 NNW;lk SSW	1400	23	P-line,trees N,E.
Perry (Mars, Pa)	5 E,hwy E	1060	16 S6	80 oct.No sto.P-line E.
PHILLIPSBURG Range (Pa)	224(MJ)(116.1)	169°,5.0	SBRAZ-DTV	(4); 116.1
PHILIPSBURG Range (Pa)	108.7 (MJ)		VARW	
Philipsburg,51A,CG-LG (Pa)	7 E;hwy N	1940	30h L3	
Pittsburgh-Butler (Butler, Pa)	6.7SSW;hwy E	1235	49 L1 S6	80 oct.
[Port Erie] (Erie, Pa)	6 WSW;RR SE	735	46h L6 S6	80,91 oct.
Port Lawrence (Corry, Pa)	1.2 S;RR N	1745	23 S2	73 oct. Pwr line NW.
Port Meadville (Meadville,Pa)	3.4 W;hwy S	1400	32h L4 S6	80 oct.
Port Warren (Warren, Ohio)	1.5 N,RR W		24 S1	80 oct. Data unver.
Punxsutawney (Pa)	3 NE,hwy S	1470	22 S2	Ltd 80 oct.P-line ESE,S.
Ripley (N.Y.)	1.4 WNW;lake N	650	22 S4	80 oct. No sto.
St. Mary's (Pa)	3.2 ESE;RR W	1900	21	
Salamanca (N.Y.)	1.6 W;RR, N,S	1370	12 S6	80 oct.
Scott (Lancaster, N.Y.)	1.5 E;RR N,S	680	22 S1	80 oct.P-line SW.Rnwy data
Shawnee (North Tonawanda,N.Y)	4.5 NNE;riv SE	580	33 S6	80 oct.P-line E,W. unver.
Sheridan (Williamsville, N.Y.)	2.5 NE;hwy SE	640	38 S6	80 oct. No sto.
Silver Creek (N.Y.) (NC)	1 WSW;hwy SE	720	11	Trees E,NW.
Silver Springs (N.Y.)	0.5 E;lake NE	1420	15 S1	80 oct.
Sky Harbor (Williamsfield,Ohio)	1 S;hwy E	1140	26	Poles E. (NC)
Splane Memorial (Oil City, Pa)	4.1 NNW;hwy E	1490	22h L S4	80,91 oct.Port rnwy lgts.
Springville (N.Y.)	1.5 NE;RR W	1395	26 S4	80 oct.P-line N,E.Rnwy data unver.
Steffen (E. Amherst, N.Y.)	3.5 N	582	22 S6	80 oct. Obsts sur fld.
Swaney (E.Liverpool, Ohio)	4.9 NW;crk SE	1170	22 S2	80 oct.
Titusville (Pa)	3.7 WSW	1600	23 S6	80 oct.Pwr line E,NE.
Tonawanda (N.Y.)	3 SSW;RR E	610	30h S4	80 oct.Rough.Obsts sur fld.
TORONTO Range (Ontario,Canada)	368 (YZ)	17°, 4.0	SBRAZ-TX	3105,6210,3117.5
Transit (Depew, N.Y.)	2 SSW;RR N	670	13 S2	80 oct.Trees,bldg E.
Tyndall (Warren, Ohio)	6 NNW;RR E	940	30 L1 S4	80 oct. No sto.
Utahville (Pa)	1 N;RR S	1800	22 S4	80 oct. Ltd 91 oct.
Warren (Pa)	2 WSW;RR N	1100	23h L S4	80 oct. Port rnwy lgts.
Warren Airways (Ohio)	2.3 WNW;RR S,E	900	22 S2	73 oct. Trees S.
Watson (Youngstown, Ohio)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
Werle (Dunkirk, N.Y.)	1.8 ENE;RR N,S	640	22 S1	80 oct.Poles,trees sur fld.
Westfield (N.Y.) (NC)	1.5 WSW;hwy N	758	18 S1	S blocked.
Wilson Flying Field (N.Y.)	2.5 SSW;RR NW	310	18	ESE blocked.
YOUNGSTOWN Range (Ohio)	212(CT)(116.1)	185°,3.4	BMRLZ-DTV	(3); 116.1
YOUNGSTOWN Tower (Ohio)	278		C	(4)
[Youngstown] (Ohio)	11 N;hwy E	1178	39h L5 S6	80,91 oct.100 oct.on req.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

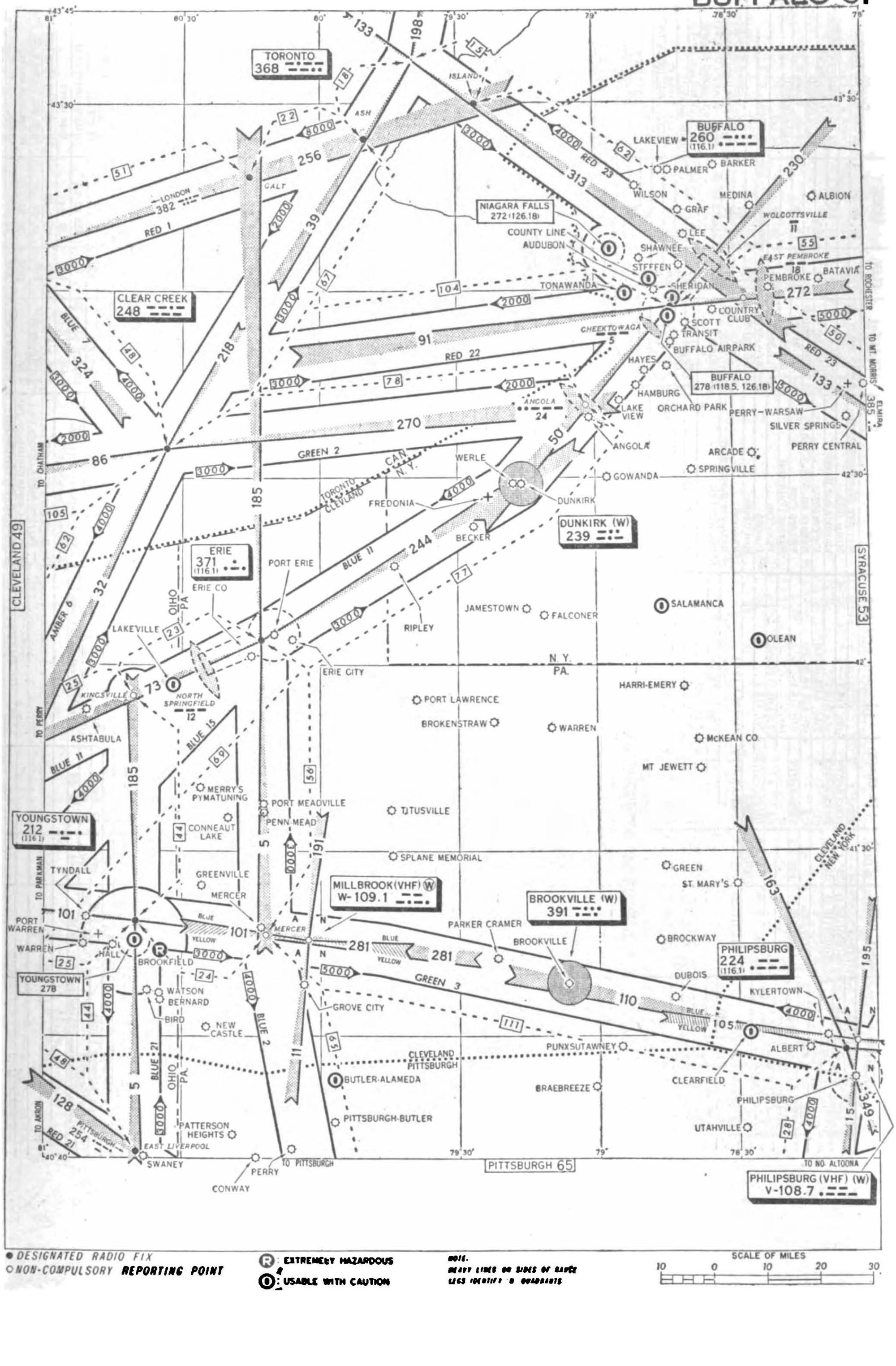
LOCATION	LC	LZ	R.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
						IM-	MM-	OM-
							MMH-	OMH-
						IM-	MM-	OM-
							MMH-	OMH-

NEW FACILITIES

Perry Flying Svc.(N.Y.)(NC)	3.3 W;RR 3 W	1640	21	P-line NNE. Reported ABANDONED.
Perry-Warsaw (Perry,N.Y.)	3 WNW;hwy N		15 S2	80 oct.
Brookfield (Ohio)	0.8 W;RR W	1130	20	Poles N, E

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● A.A C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ● – Guarded only when associated tower inoperative.

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) → New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


TORONTO 368
BUFFALO 260 (116.1)
NIAGARA FALLS 272 (126.18)
CLEAR CREEK 248
BUFFALO 278 (118.5, 126.18)
ERIE 371 (116.1)
DUNKIRK (W) 239
YOUNGSTOWN 212 (116.1)
YOUNGSTOWN 278
MILLBROOK (VHF) (W) W-109.1
BROOKVILLE (W) 391
PHILIPSBURG 224 (116.1)
PHILIPSBURG (VHF) (W) V-108.7
PITTSBURGH 65
LAKEVIEW
PALMER
BARKER
WILSON
GRAF
MEDINA
ALBION
WOLCOTTSVILLE
LEE
SHAWNEE
STEFFEN
SHERIDAN
COUNTY LINE
AUDUBON
TONAWANDA
EAST PEMBROKE
PEMBROKE
BATAVIA
COUNTRY CLUB
SCOTT
TRANSIT
BUFFALO AIRPARK
CHEEKTOWAGA
HAYES
HAMBURG
LAKE VIEW
ORCHARD PARK
PERRY–WARSAW
SILVER SPRINGS
PERRY CENTRAL
ANGOLA
ARCADE
SPRINGVILLE
GOWANDA
WERLE
DUNKIRK
FREDONIA
BECKER
PORT ERIE
ERIE CO
LAKEVILLE
KINGSVILLE
NORTH SPRINGFIELD
ASHTABULA
ERIE CITY
JAMESTOWN
FALCONER
RIPLEY
SALAMANCA
OLEAN
HARRI-EMERY
PORT LAWRENCE
BROKENSTRAW
WARREN
McKEAN CO.
MT JEWETT
TITUSVILLE
PORT MEADVILLE
PENN-MEAD
CONNEAUT LAKE
MERRY'S PYMATUNING
GREENVILLE
MERCER
TYNDALL
SPLANE MEMORIAL
GREEN
ST. MARY'S
BROCKWAY
DUBOIS
KYLERTOWN
PUNXSUTAWNEY
ALBERT
CLEARFIELD
PHILIPSBURG
UTAHVILLE
BROOKVILLE
PARKER CRAMER
PORT WARREN
WARREN
HALL
BROOKFIELD
WATSON
BERNARD
BIRD
NEW CASTLE
GROVE CITY
BUTLER-ALAMEDA
PITTSBURGH-BUTLER
BRAEBREEZE
PATTERSON HEIGHTS
EAST LIVERPOOL
SWANEY
CONWAY
PERRY
TO PITTSBURGH
TO NO. ALTOONA
TO ROCHESTER
TO MT. MORRIS
TO CHATHAM
TO PERRY
TO PARKMAN
TO AKRON
CLEVELAND 49
SYRACUSE 53
ELMIRA 385
CLEVELAND NEW YORK
PITTSBURGH 254
N. Y.
PA.
OHIO
ISLAND
ASH
CALT
LONDON 382
CAN. N. Y.
TORONTO CLEVELAND
RED 1
RED 22
RED 23
BLUE 7
BLUE 11
BLUE 15
BLUE 2
BLUE 21
GREEN 2
GREEN 3
AMBER 6
YELLOW
BLUE
133
198
151
22
8000
256
51
62
3000
4000
313
230
39
2000
67
104
91
218
48
324
78
270
86
105
32
244
77
73
25
12
69
185
56
5
191
44
24
101
281
111
110
163
195
15
349
128
254
18
55
50
272
42°30'
41°30'
42°
81°
80°30'
80°
79°30'
79°
78°30'
78°
43°45'
43°30'
40°40'
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION
NOTE.
HEAVY LINES ON SIDES OF MAPS
LIES IDENTIFY 10 QUADRANTS
SCALE OF MILES
10 0 10 20 30

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
DANSVILLE MH Fac.	212 (DA)		MHW	
ELMIRA Range (Chemung Co.)	385 (EA)(116.1)	75°,1.8	SBRAZ-DTV	(4); 116.1
ROCHESTER Range	206 (RC)(116.1)	298°,2.2	BMRLZ-DTV	(4); 116.1
Rochester Tower	278		CI	3105, 4495 (8-24)
ROME AAF Tower	396 (126.18)+		CA	(4); 126.18 (8-22)
SYRACUSE Range (Mun.)	350 (SR)(116.1)	178°,2.2	SBRAZ-DTV	(3); 116.1
Syracuse Mun. Tower	278		C	(4)
TRI-CITIES Tower	278		CI	3105,6210 (days)
UTICA Range	359 (UA)(116.1)	151°,3.0	BMRLZ-DTV	(4); 116.1
		PENNSYLVANIA		
ALLENTOWN Range (Allentown-Bethlehem)	320 (XA)(116.1)	192°,2.7	SBMRAZ-DTV	(4);116.1,122.1
LAKE CAREY FM	(- - - -)	360°,20.8	FM	Wilkes-Barre
SLATINGTON FM	(- - - -)	290°,12	FM	Allentown
SUNBURY MH Fac.	353(SV)(116.1)		MHTV	(4);116.1
SUNBURY Range	108.3 (SV)		VARW	
WILKES-BARRE Range (Wilkes-Barre-Scranton)	272 (WI)(116.1)	91°,4.0	SBMRAZ-DTV	(4); 116.1
WILLIAMSPORT Range	375(IA)(116.1)	281°,7.0	BMRLZ-DTV	(4); 116.1
	NEW RADIO FACILITIES			
WATERTOWN(N.Y)	109.1(WB)		VARW	
ALLENTOWN Range (Pa)	109.1(XA)	178°,5.7	VARW	

S-Simul. Range **and** Voice; **W-Without Voice;** Z-VHF Range Station **Location** Marker; **(3)-3105,** 4495, **6210 kcs;** **(4)-3105, 4495, 6210, 3117.5 kcs.**
Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 13**7.88, 140.58 mcs.**

AIRPORTS

NEW JERSEY

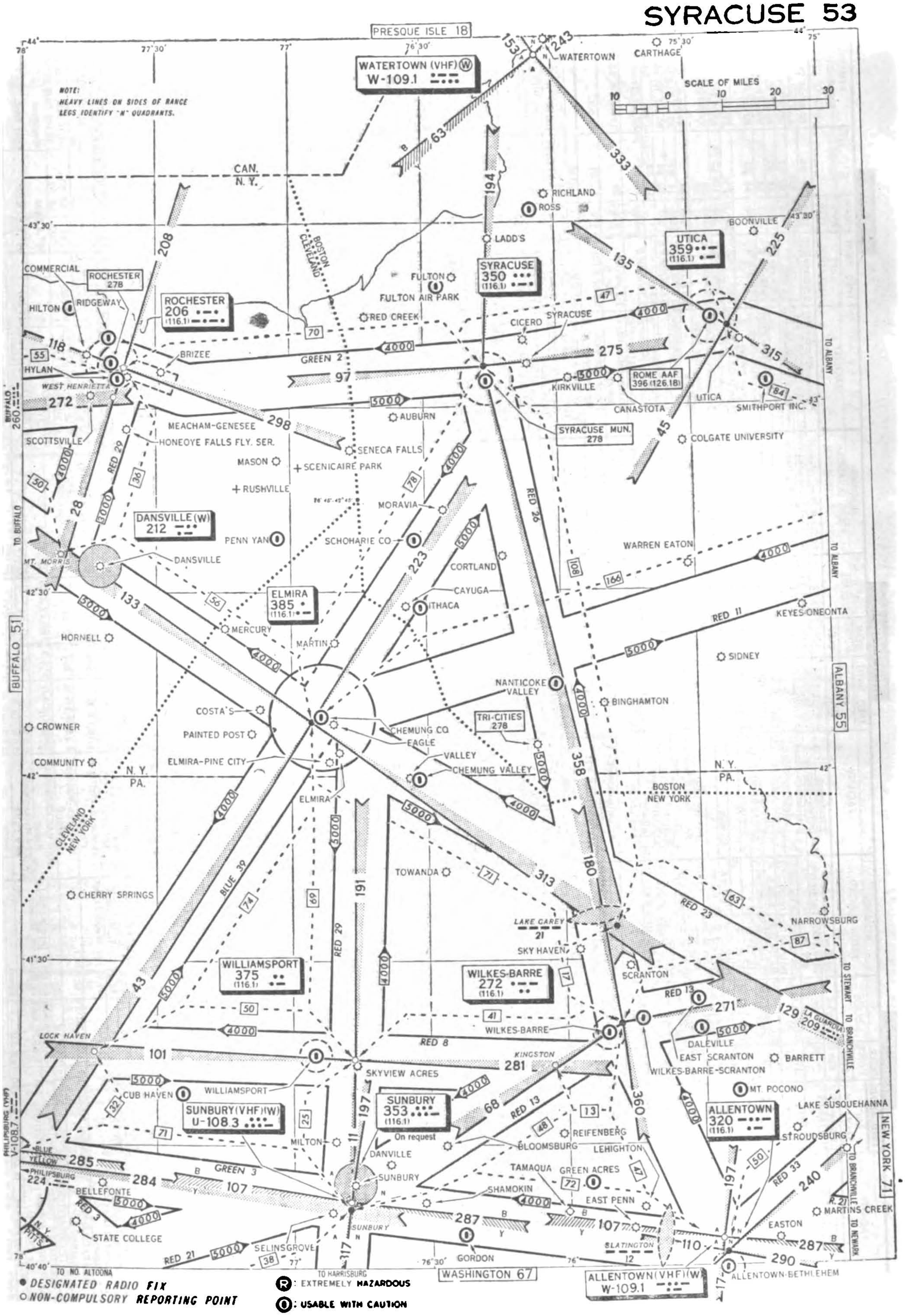
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Martins Creek (Belvidere)	3 SSW;riv SE	340	25 S6	80,91 oct.Pole line N.
		NEW YORK		
Angelica	1.5 WSW;RR N		18 S1	80 oct. Data unver.
Auburn	3.7 NNW;lake E	525	24 S4	80 oct.Poles,trees sur fld.
Bath-H'sport	2 SSW;hwy SE	725	18 S1	80 oct.Hill 0.6 E.Data unver.
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct. Trees N.
Bonnie Brae (Owasco) (NC)	1.7 SW;RR W	960	17	Cattle on fld.
Boonville	4.5 ESE;riv NE	1273	29 S1	80 oct. Obsts sur fld.
Brizee (Pittsford)	2 E; RR N	422	25 S4	80 oct. Pole line S, NW.
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage	1 E; RR NW	740	20 S1	80 oct. Hi-line W.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct. Pole line E.
(P) CHEMUNG CO. (Elmira)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate University (Hamilton)	5.4 N; RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct. Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30 S6	80 oct. Wooded ridge E.
Costa's (Painted Post)	2.7 NW	960	16 S1	80 oct. Trees W, NW.
Crowner (Wellsville)	1 W; RR E	1506	22 S2	80 oct. Obsts sur fld.
(P) Dansville	1 NW; RR NE	662	40h L3 S6	80 oct. Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct. Trees S,W.
Elmira	2 SSW;RR E	890	16	Trees adj NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy N	980	14	Trees WSW.
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct.No sto.Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct.Brush WNW.Rnwy data
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW. unver.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct. 3' fence E,S,SE.
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct. Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W	525	27 S6	80 oct. Trees E.
Ithaca	1.3 NW;inlet E	386	25h S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct. Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct. Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct.Pole line NE.
Martin (Montour Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct. Pole line S.
Meacham-Genesee (Rochester)	6 S; RR N	564	22 L S6	80 oct. Floodlgts in emerg.

h-hard surfaced **runways.** R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → **NEW OR REVISED DATA.**

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct. Hill W. CLOSED
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
Moravia Air Haven	1 NW; RR E	730	20 S1	80 oct. S approach blocked.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct. Mtns N, NE.
* Newark Int, 27A, CV-AZ	1.3 NNW;rd N,E			ABANDONED
Painted Post	4.4 SW;RR W	950	19 S2	80 oct. Trees E, W.
Parker (Palmyra)	2.8 S; RR N			ABANDONED.
Penn Yan	1.1 S; lake W	850	20 S2	80 oct.
→ Pulaski	See Ross Arpk. under "New Airports"- name changed.			
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct.
Richland	0.6 NE;RR SW	560	21 S4	80 oct.Hi-line S.No Sto.When wet
→ Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct.Pole lines W,NW,SE Ctr
(N) ROCHESTER	3.7SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OF ENTRY. NATS(Hospital flights)
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct. JP-1.
Rushville	2.5 NNE	1120	20 S1	Data unver.
Schoharie Co.(Richmondville)	1.3 NE;RR N	1000	16 S1	80 oct. Trees E.
Scottsville	1 N; RR W	600	10	Allway area: 1000 x 1000'
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct. Pole line S.
Smithport Inc. (Utica)	3.5 SSE	1150	20h S1	80, 91 oct. Data unver.
(P) Syracuse	3.5 NNE;hwy W	419	55h	
SYRACUSE MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct. Rdo rec rqrd.
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80 oct.Twr W;hill N;trees E
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct. Wooded ridge E.
(P) Watertown	5.9 WNW;hwy N	325	50h L5 S4	80,91 oct. ARPT OF ENTRY
		PENNSYLVANIA		
ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only. Fld lgts on req.req.
Barrett (Canadensis)	1.8 N;hwy SW	1450	18 S2	No fuel. Trees E.
Bellefonte	4.3 ESE;hwy N	1045	21 L3 S6	80 oct.
Bloomsburg	0.8 ESE;riv S	478	32 L5 S6	80,91 oct.Pole lines SW,E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	24 L S4	80 oct.Lgts prior req.
Cherry Springs (Galeton)	10 SW;hwy 1 S	2265	19 S2	80 oct. Trees W,SE,NW
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S1	80 oct. Pwr line E.
Daleville	0.6 N;hwy W	1775	19 S4	80 oct. Hill S.
Danville	2.2 SW;RR N	480	22 S3	80 oct. Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct. Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct.
East Scranton (Scranton)	7.3 ESE;lake E	1660	23	Trees S, N.
Gordon	1.8 W; RR E	960	18 S2	80 oct. Hill S.
→ Green Acres(Beaver Meadows)	2S	1260	20 S4	80, 91 oct. Pole line ENE
Lehighton	0.9 WSW;hwy NW	502	18 S5	80 oct. Trees WSW.
→ Mid Valley (Olyphant) (NC)	3 N; rd NE	1580	20	
Milton	0.8 S;RR W	450	24 S6	80 oct. Pole line SW.
Mt. Pocono, 21, BJ-LG	1.5 NW;hwy NE	1925	26h L3 S1	80 oct. Pole line NE.
→ Nicholson-Mt View (Nicholson)	4.8 ENE;crk NW	1280	39 S1	80 oct,50' trees S.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
Scranton	7.2 WNW;hwy N	1150	24h L3 S6	73-91 oct.Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S; RR N	639	20 S1	80 oct. Pole line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	19 S4	80 oct. Poles adj W.
Stroudsburg-E.Stroudsburg (Stroudsburg)	2.5 NNE;hwy S	426	22 S4	80 oct.
(P) Sunbury	2 NNE	443	37 R1 S6	80 oct. No sto.
* Tamaqua Int, 61B, CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S1	80 oct. Pole line SW,NE.
Wilkes-Barre-Wyoming Val'y	3.5 NNE;riv S	546	35h R1 L3 S4	80, 91 oct.
(P) Williamsport	5.1 E; riv S	526	43h R1 L5 S6	80,91 oct. Lgts prior req.
	NEW AIRPORTS			
Nanticoke Valley Arpk (Maine,N.Y.)	4 NNE;hwy E	975	18 S2	80 oct.Data unver.
ScenicAire Park (Geneva,N.Y.)	2 S;lake E	550	27 S2	80,91 oct.Data unver.
Valley (Sayre, Pa.)	2.7 WNW	800	29 S6	80 oct.
Wilkes-Barre-Scranton	10 NE;		52h R1 L3	(Wilkes-Barre, Pa)
→ JerseyShore (Pa)	1.5 E	530	28 S4	Data unver
→ Ross Arpk (Pulaski)	3 SE; riv N	500	25 L S6	80 oct. Port rnwy lgts. Trees
→ Skyview Acres,(Muncy,Pa.)	1.4 NE;cty SW	500	26 S2	80,91 oct.P-line S,SE WSW
→ Grand Canyon (Wellsboro,Pa)	4 W	2000	35 S2	80 oct,Data unver.
→ Mufflin Co (Reedsville,Pa)	2.7 N;hwy W	830	37 S4	80 oct.
→ Berwick (Pa)	2.2 ENE	620	22 S4	80 oct.P-line E,NE.

SYRACUSE 53


PRESQUE ISLE 18
WATERTOWN (VHF) W
W-109.1
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
WATERTOWN
CARTHAGE
SCALE OF MILES
10 0 10 20 30
153
243
63
333
194
CAN.
N. Y.
RICHLAND
ROSS
BOONVILLE
LADD'S
UTICA
359
(116.1)
SYRACUSE
350
(116.1)
208
225
135
COMMERCIAL
ROCHESTER
278
FULTON
FULTON AIR PARK
ROCHESTER
206
(116.1)
HILTON
RIDGEWAY
RED CREEK
CICERO
SYRACUSE
47
70
4000
118
55
BRIZEE
GREEN 2
275
315
HYLAN
97
5000
ROME AAF
396 (126.18)
KIRKVILLE
WEST HENRIETTA
272
AUBURN
UTICA
84
CANASTOTA
SMITHPORT INC.
MEACHAM-GENESEE
298
SYRACUSE MUN.
278
SCOTTSVILLE
HONEOYE FALLS FLY. SER.
SENECA FALLS
COLGATE UNIVERSITY
45
MASON
SCENICAIRE PARK
RUSHVILLE
78
MORAVIA
DANSVILLE (W)
212
PENN YAN
SCHOHARIE CO
WARREN EATON
DANSVILLE
MT. MORRIS
CORTLAND
CAYUGA
223
ITHACA
ELMIRA
385
(116.1)
133
56
MERCURY
HORNELL
MARTIN
KEYES-ONEONTA
RED 11
SIDNEY
NANTICOKE VALLEY
BINGHAMTON
COSTA'S
CROWNER
PAINTED POST
CHEMUNG CO
EAGLE
TRI-CITIES
278
VALLEY
CHEMUNG VALLEY
358
COMMUNITY
ELMIRA-PINE CITY
N. Y.
PA.
ELMIRA
BOSTON
NEW YORK
CLEVELAND
NEW YORK
BLUE 39
74
69
RED 29
191
TOWANDA
71
313
180
RED 23
63
NARROWSBURG
CHERRY SPRINGS
LAKE CAREY
21
SKY HAVEN
87
SCRANTON
WILLIAMSPORT
375
(116.1)
WILKES-BARRE
272
(116.1)
17
RED 13
271
129
LA GUARDIA
209
43
50
41
WILKES-BARRE
LOCK HAVEN
RED 8
DALEVILLE
EAST SCRANTON
BARRETT
WILKES-BARRE-SCRANTON
101
KINGSTON
281
SKYVIEW ACRES
CUB HAVEN
WILLIAMSPORT
MT. POCONO
LAKE SUSQUEHANNA
SUNBURY (VHF)(W)
U-108.3
SUNBURY
353
(116.1)
ALLENTOWN
320
(116.1)
68
RED 13
360
32
25
11
197
MILTON
On request
REIFENBERG
STROUDSBURG
NEW YORK 71
285
284
107
GREEN 3
DANVILLE
BLOOMSBURG
LEHIGHTON
TAMAQUA
GREEN ACRES
72
47
SUNBURY
SHAMOKIN
EAST PENN
MARTINS CREEK
224
BELLEFONTE
RED 3
287
107
110
290
EASTON
STATE COLLEGE
SELINSGROVE
RED 21
38
GORDON
SLATINGTON
12
WASHINGTON 67
ALLENTOWN (VHF)(W)
W-109.1
ALLENTOWN-BETHLEHEM
TO BUFFALO
BUFFALO 51
BUFFALO 260
PHILIPSBURG (VHF) V-108.7
TO ALBANY
ALBANY 55
TO STEWART
TO BRANCHVILLE
TO NEWARK
TO NO. ALTOONA
TO HARRISBURG
43°30'
42°30'
41°30'
40°40'
42°
77°30'
77°
76°30'
76°
75°30'
75°
44°
78°
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION

CONNECTICUT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Bethany	1.3 N;hwy E	680	21 L2 S6	80,91 oct.No bcn.Lgts
BRADLEY Tower	284 (126.18)		CI	3105,4495; prior req. 126.18
(NG) Bradley (Windsor Locks)	2.8 WNW; RR,riv E	171	50h R1 L1 S6	Ltd 73,100 oct.No sto. No trans facs for NG.
BRAINARD Tower	278 (118.5)		AC	(4);126.18,122.5,118.5
(NG) [Brainard] (Hartford)	2.8 SE;RR W	18	48h R2 L5 S6	73,100 oct.No facs for NG
BRIDGEPORT Tower	269 (118.7)		C	(4); 122.5, 118.7
(P) [Bridgeport]	3.5 ESE	9	48h R2 L5 S4	80, 91 oct.
Brookfield	0.5 S;hwy W	280	10 S6	80 oct.No sto.Hi-line E
Canaan	1 N;RR W	680	24 S6	80,91 oct.No sto.P-line
Danbury	2.5 SW;RR N	454	44h S6	80 oct.P-line SW. WSW,SSE.
Doane (Essex)	1.2 SW;RR E,N	30	21 S6	80,91 oct.Trees N,NW
Groton Trumbull	2.8 SE;RR W	10	50h	(Groton)
Hammonasset (Madison)	2 E;hwy N	15	14 S2	80 oct.Trees W.Use NE/SW strip only.
HARTFORD Range (Brainard)	329(HT) (116.1)	323°,2.3	SBMRAZ-DTV	(3) ; 116.1
Kinsley (Somers)	2.5 NNW;RR W	200	19	
Lufbery (Wallingford)	0.5 WSW;RR E	80	22 S6	80 oct.No sto.Stacks N,S
MERIDEN FM	(- - -)	244°, 17.6	FM	Hartford
MERIDEN Tower	278		CI	3105,4495 (days)
Meriden	2.7 SW;RR E	102	35 R1 L3 S6	80 oct.Hi-line W,S.
Milford	1.5 SSW;RR NW	10	20 S1	80 oct.
Monroe	0.7 SSE;rd E	620	20 S6	80 oct. Rd W.
[New Haven]	3.5 SSE;riv W	4	42h S6	80,91 oct;ltd 100 oct.P-
RENTSCHLER Tower	254 (126.18)		CI	(3);126.18 line NW.
Rentschler (E.Hart'd)	1 S;riv W	45	58h R1 L5 S6	80,91,100 oct.
Salem	2.1 E;lk NNE	400	21 S6	80 oct.
Southington	3.5 NNE;RR W	200	21 S4	80 oct.
Stephenson (Bristol)	1.5 ESE;RR N	240	18 S6	80,91 oct.
Tier Airstrip (Cheshire)	0.8 NNE;hwy W	200	14	W blckd.Use in emerg.
Waterbury	2.6 S;RR E,W	843	20 S6	80 oct. (Plymouth)
Waterford	1.7 N;RR SSE	60	20 S6	80 oct.Trees,hill S.
Watertown	2.2 S;lk N	660	19 L S4	80 oct.Port rnwy lgts on prior req.
West Haven	2.7 SW;hwy E	15	18 S4	80 oct.No sto.P-line E, W blocked.
Windham	3.5 NNW;hwy S	238	44h S1	80 oct.Trees NE,ENE.

MASSACHUSETTS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Adams	1.3 SSE;RR W	1400	18 S1	80 oct.
Agawam Land & Seaplane Base	0.5 S;riv E	50	16 S6	80 oct.P-line SE.
[Barnes] (Westfield)	3 NNE;RR W	268	50h R1 L5 S6	80,91 oct.
Bowles (Agawam)	2.4 WSW;trk E	190	40 S4	80 oct.P-line S,SSE,NW,
Brookfield's	1 W;RR SW	680	20 S6	80 oct.P-line SW. W.
East Brookfield	1 W;hwy N	640	15 S4	No fuel,no sto
Fair View Farm (Williamstown)	4 SW;riv E	954	23 S1	80 oct.P-line ENE.Hill NNE. Lgt acft only.
Gardner	2 SW;hwy N	1020	18 S4	80 oct.
Great Barrington	2 WSW;riv N	726	27 S6	80,91 oct.Obst sur fld.
Hiller (Barre Plains)	2 SW;riv W	539	25 S1	80 oct.
La Fleur (Northampton)	1.2 ENE;riv SW,N	120	26 S4	80 oct. No sto.
Metropolitan (Palmer)	5 N;riv W	400	19 S6	80 oct. Hill N.
(P) Orange	1.5 SE;hwy SE	555	50h S1	80 oct. Poles NE.
Pilgrim (Northampton)	9 N	120	16 S3	No sto. Data unver.
Pittsfield,3B,AZ-BW	2.4 WSW;hwy NW	1140	27 L3 S1	80 oct.P-line N.
Southbridge	1.7 N	700	27 S1	80 oct.Trees W,N
Springfield	2.3 NE;RR S	205	26 S6	80,91 oct.Bldgs W.
Stevens (N.Adams)	2.8 WSW;RR N	690	20 S4	80 oct.No sto.P-line E.
Turners Falls (Montague)	4.2 N	350	33 S6	80,91 oct. Wooded ridge SE,SW.
WESTFIELD Range (Barnes)	230(WJ) (116.1)	27°,1.7	BMRLZ-DTV	(4); 116.1
WESTOVER Army Rng	272 (DOJ)	239°,2.7	BMRAZ	(3) .
WESTOVER Tower	396 (126.18)+		CA(ILS)(GCA)	(3);126.18 (Appch cont.)
(A) Westover (Chicopee Falls) (A)	3.8 NNE;riv W	244	70h R3(L6) S6	73,91,100 oct. No sto.
West Springfield	2.2 WNW;riv E	50	18 S1	80 oct.

NEW HAMPSHIRE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Claremont	1.3 W;riv NE	520	28h S2	80,91 oct. Req. (Keene)
Dillant-Hopkins	2 S;riv,RR W	481	40h L S6	80,91 oct.Flare pts prior
Brattleboro-Hinsdale (Hinsdale)	2.7 NW;RR W	360	18 S4	80 oct. Landing flares on prior req.
Keene Airpark	3 NW;RR W	500	21	CLOSED
Lebanon	3.3 WSW;RR N	579	40h L5 S4	80 oct.Rdo repairs.
LEBANON MH Fac.	209 (LP)		MHW	
Newport	2 NNW;RR W	780	20 S4	80 oct.P-line E.

NEW JERSEY

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Sussex	1.2 WSW;RR S	420	25 S1	80 oct.200' knoll NNE,

NEW YORK

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Accord (NC)	0.7 N;RR S	260	19	PRIV.Trees S,NE,SW.
Aero Lake & Seaplane Base (Kingston)	3.7 SSE;RR W	220	23 S4	80 oct. Trees S.
ALBANY Range	365(AZ) (116.1)	196°,3.1	SBRAZ-DTV	(3); 116.1
ALBANY Tower	278 (118.3)		AC	(4); 116.1,118.3,122.5
(P) [Albany]	6.9 NNW;riv N	283	35h R2 L5 S6	80,91,100 oct.ARPT OF
Amsterdam	6 N;rd NW	887	18 S6	80 oct,ltd 91 ENTRY. oct.Use strips only.
Arlington (Poughkeepsie)	1.5 E;RR E	280	18 S2	80 oct. P-line NE,trees SW.
AURIESVILLE FM	(- - - -)	302°, 27.2	FM	Albany.
(P) Ballston Spa	3 N;RR E	433	40h S6	80,91 oct.
Briggs (Carlisle)	0.6 SE;RR W	1320	12	
Catskill Valley (Catskill)	1.5 SW	100	26 S3	80 oct.Data unver.
Christie (New City)	1.5 N;RR E	150	16 S4	80 oct. P-line SW.
COLONIE LFM	(- - -)	206°,5.7	LFM	Albany
Cooperstown	1.4 NNW;RR SE	1660	16 L S4	80 oct.Pole S.Port lgts.
Cozine (Rhinebeck)	0.5 SE;RR W	200	20 S1	87 oct. Pole-line W.
Cliff Haven (Accord)	11 W;RR S	260	16 S1	80 oct.
Croton Arpk.	4.8 SW;riv SW	280	13	Hill SW. (Peekskill)
East Greenbush	0.8 NW;RR W	260	38 L S6	80 oct.Port rnwy lgts.P-
East Hampton	2.5 W;RR S	40	25 S4	80 oct.No sto. line N.
(A) Elizabeth (Fisher's Island) (A)	W end Island	7	29h L4	No bcn.
Farly's (New Baltimore)	3 S;RR W	10	20 S1	80 oct. Trees N.
* Ft.Plain Int,40A,CV-AZ	3 NNW;RR NE	680	35 L3	
Freedom Plains	2 W;rds N,E	340	11 S1	80 oct.Pwr line S.(Billings)
Fulco (Johnstown)	1 SE;hwy S	840	22 S4	80 oct.No sto.
GLENS FALLS MH fac	206(GB) (116.1)		BMHTV	(4);116,1 Data unver.
Glens Falls,	2.6 NW;rd S	474	36h S6	80 oct.
Glove City	1.5 NE;RR S	860	17 S1	80 oct. (Gloversville)
Halcott (Halcott City)	1 N		10 S1	80 oct. Data unver.
Hayduk (Herkimer)	0.6 SSW;RR N	400	12 S4	Ltd 80 oct.P-line E.
Huguenot (Port Jervis)	3.3 NE;RR SE	480	21 S6	80 oct.Trees SW.
Intercity (Schenect'y)	3.6 SSE;RR NE	340	20 S4	80 oct.
Kingston	1.5 NW;RR S	150	17 S4	80 oct.P-line NW.
(P) Kingston-Ulster	2.7 N;RR E	160	30 S4	80 oct.No sto.P-line E.
Lime Ridge (Beekman)	1.3 SE;RR S	420	16 L2 S6	80 oct.All lgts prior req.
Livingston Manor	0.5 SE;RR W		21h S4	80 oct.;91 oct.req.Data
Long Meadow (Rexford)	1.5 NE;RR N,S W	380	20 S1	80 oct.Poles unver. NNE,Rnwy data unver.
Mahopac	1 NNW;lake E		20 S1	80,91 oct.
Margaretville-Fleischmanns (Marg'v)	0.2 S;riv W		21 S4	80,91 oct.No sto.P-line NE. Data unver.
Mattituck	0.8 ESE;bay S	12	25 S6	80,91 oct. Poles N.
MEDWAY FM				DECOMMISSIONED
Miller (Nyack)	1.8 WNW;riv E	70	17 S6	80 oct.No sto.P-line SW.
Millerton	1.5 N;RR W	1000	13 S1	80 oct.Trees N.
Montgomery	1 WSW;riv W	393	22 S6	80 oct.Trees N,brush E.
(A) Montgomery U.S. Mil.Acad.#1 (A)	2 SW	355	35h	CLOSED.
Monticello-Sullivan County	1.4 S;RR E	1500	30 L S4	80 oct.No sto.Port rnwy lgts.Rnwy data unver.
Newburgh-Walden (Walden)	2.2 SSW;riv W	404	32 S6	80,91 oct.Obsts sur fld.
NEW HACKENSACK Range	236(NX) (116.1)	5°,5.3	SBRAZ-DTV	(4) ; 116.1
(P) New Hackensack	0.5 W	166	35h R1	Obsts NE.
New Paltz	0.8 W;RR E	190	20 S1	80 oct. NNE
Piseco	0.5 N;hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush
Plateau (Northville)	2.5 E;riv ESE	1040	24 S6	80,91 oct.Trees S. Rough.
PORTCHESTER FM	(. . -)	42°,16.5	FM	La Guardia
Randall's (Middlet'n)	1.8 ESE	520	20 S2	80,91 oct. RR NW.
Ravena	1.2 N;riv 2 E	180	14 S2	80 oct. Lgt acft only.
Rockland (New City)	1 SSE;RR E	240	14	Trees W;Hwy E. (NC)
Sacandaga Park (Northville)	1 SW;RR W	770	13 S1	80 oct.P-line WSW.
SARATOGA SPGS FM	(-)	28°,24	FM	Albany
(P) Schenectady Co.	3 N;RR SE	362	50h L5 S6	80,91,100 oct.
Schuylerville,Land & Seaplane Base	2.5 S;riv E	100	29	Trees N,S.
Selkirk	2.7 E;riv E	160	22	Trees N.
Sky Haven (Delanson)	0.9 NW;RR SE	1100	14 S2	80 oct.ESE,W blocked.
Somers	0.6 SE;RR E,S	563	20 S4	80 oct. No sto.
Spring Valley	0.3 E		19 S2	Fuel, Data unver.
Stanton's Newburgh Cub Port (Newb'g)	5.3 NW;RR S	520	12 S2	80 oct. Trees S.
Starhaven (Middletown)	1.3 NW;RR SW, N	750	29	Trees SW, SE, NW.
Steenburgh Avia. Svc.(Gloversville)	1.5 ENE;RR N	900	8 S1	80 oct.
STEWART Army Rng	335(DMU)		MRLW	
STEWART Tower	396 (126.18)	125°,2.4	CA	(3); 126.18 (7-23)
(A) Stewart (Newburgh)	4 W;hwy N	474	61h R1 L5 S6	100 oct. JP-1. (A)
Stone Arabia	3.6 ENE;hwy E	880	18	P-line NNW.(Ft.Plain)
Stormville	1 ENE;RR S	350	23 S4	80 oct.No sto.Trees NE
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	(LG-UL)
★ Ticonderoga Int,22,	2.7 NNE;rd E	210	32 L3 S1	80 oct.Obst sur fld.
Troy	2 SSE;riv W	327	30 L4 S6	73,91 oct.Trees NW.
Valley Air Park	1.5 NNW	635	20 S4	Data unver.(Middleb'g)
Vaughan (Johnstown)	1 E;hwy W	760	18 S1	Ltd 80 oct.Trees W.
(A) Wallkill,U.S. Mil.Acad.#2 (A)	3 NW;riv E	340	35h	CLOSED
Wappingers Falls	0.9 SE;rd S	152	21 S4	80 oct.P-line E,W,S.
[Warren Co.] (Glens Falls)	2.4 NNE;rd N	325	40h R1 L5 S1	80,91 oct.
Warwick-Wickham	4.5 NE;RR W	540	24 S4	80 oct.Ridge N.
WESTCHESTER CO. Tower	260		C	(4)
(P) Westchester Co. (White Plains)	4 NE;lake W	435	50h R1 L5 S6	80,91 oct.days.
White (Bedford) (NC)	3.6 SE;hwy E	475	12	
Wingdale	1.5 NE;RR W	400	25 S4	80 oct.No sto.ROUGH.
Wurtsboro	2 NE;RR E,SE	560	31 S6	80 oct.Obsts sur fld.

PENNSYLVANIA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Matamoras	0.5 SSE;riv SE	450	18h L4 S6	80 oct.No bcn.Lgts prior req.

VERMONT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Bennington	2.5 WNW	830	13 S1	80 oct.470' hill WNW.
Equinox (Manchester)	1 E;riv E,N	700	18 S6	80 oct.P-line,mtn E.
Fair Haven	1.5 N	370	20 S2	80 oct.Hills sur fld.
Hartness (Springfield)	3.8 NNW;riv E	570	20 S6	80 oct.
Rutland	5.8 SSE;hwy W	784	40h L3 S4	80 oct.No sto.All lgts
Twin State (White River Junction)	1 SW; riv, RR E	540	19h S6	80 oct. prior req. Hill NW.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WESTOVER (A) (L6)	109.9	333.8	239°	IM- (0.49)	MM- ····· (0.79)	OM- -- (3.38)
					MMK-	OMK-
WESTOVER (A) (L6)	109.5	332.6	59°	IM- (0.02)	MM- ····· (0.72)	OM- -- (4.42)
					MMK-201	OMK-219
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Island (Shelton,Conn.)	0.3 E;riv E,W		19 S4	80 oct.No sto.Data unver.
Duanesburg, (N.Y.)	0.3 S;hwy W,N	700	22	Sto.
Westchester (Armonk, N.Y.	0.5 SSE	380	23 S6	80,91 oct.
Prattsville (N.J.)	1 S	1200	16 S2	80 oct.Data unver.
QUABBIN (Army) FM, (Mass)		59°,8.5	FM	Westover
QUABBIN (Army) H Fac (Mass)	317 (D)	59°,8.5	FMHW	Oper cont.
BRIDGEPORT Range, (Conn)	221(WQ)	231°,4	MRLW	(4)Call Bridgeport twr for contacts

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

→ NEW OR REVISED DATA (NC)-Not charted. [Jones] Airline Stop

ALBANY 55

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS

Ⓞ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

PRESQUE ISLE 18

TICONDEROGA

On request
GLENS FALLS
206
(116.1)

BURLINGTON 323

BLUE 18

FAIR HAVEN

RUTLAND

NORTHFIELD 38 6000

MONTPELIER BLUE 4 88 7000

TWIN STATE

LEBANON(W)
209

LEBANON

BLUE 40

35

NEWPORT

CLAREMONT

HARTNESS

TO CONCORD

STATUTE MILES 10 20 30

PISECO D.A

WARREN CO.

GLENS FALLS

HUDSON FALLS

SACANDAGA PARK

CORINTH

MOREAU

PLATEAU

STEENBURGH

GLOVE CITY

AMSTERDAM

BALLSTON SPA

SARATOGA SPRINGS 24

N.Y. VT.

EQUINOX

VT. N.H.

BOSTON 57

TO UTICA

GREEN 2 4000

VAUGHAN

LONG MEADOW

SCHUYLERVILLE

HAYDUK

FULCO

SCHENECTADY CO.

FORT PLAIN

122 3000

84

AURIESVILLE 27

STONE ARABIA

ALBANY
365
(116.1)

BENNINGTON

KEENE

DILLANT-HOPKINS

BRATTLEBORO-HINSDALE

SKY HAVEN

166

BRIGGS

COOPERSTOWN 4000

INTERCITY

COLONIE 6

TROY

STEVENS

RED 11 6000

VT. N.H. MASS.

GARDNER 27

FAIR VIEW FARM

293

ALBANY
278 KC 118.3 MC

DUANESBURG

VALLEY AIRPK.

5000

EAST GREENBUSH

SELKIRK

RAVENA

ADAMS 5000

64

TURNERS FALLS

ORANGE

118

GARDNER

BOSTON 263

WESTOVER AAF
272

42°30'

144

72

207

149

PITTSFIELD

FARLY'S

5000 GREEN 2

4000

LAFLEUR

PILGRIM

239

QUABBIN W
317

QUABBIN

HILLER

WESTOVER AAF
396 (126.18)

E. BROOKFIELD

BROOKFIELD

METROPOLITAN

SOUTHBRIDGE

SYRACUSE 53

15

BLUE 18

86

N.Y. MASS.

GREAT BARRINGTON

BARNES

WESTFIELD
230
(116.1)

59

SPRINGFIELD

30

329

BOSTON

HALCOTT

+MARGARETVILLE—
FLEISCHMANNS

+ CATSKILL VALLEY

4000

193

W. SPRINGFIELD

KINGSTON-ULSTER

COZINE

CONN.

CANAAN

21

BLUE 41

BOWLES

KINSLEY

303

WOODSTOCK

42°

MILLERTON

BRADLEY
284 KC 126.18 MC

AGAWAM

WALLKILL NO. 2

KINGSTON

ARLINGTON

SIMSBURY

30

244

3000

LIVINGSTON MANOR

BOSTON NEW YORK

CLIFF HAVEN

AERO LAKE

NEW HACKENSACK

SOUTHINGTON

WEATOGUE

14

RENTSCHLER
254 (126.18)

NEWBURGH-WALDEN

NEW PALTZ

FREEDOM PLAINS

81 STEPHENSON

HARTFORD
329
(116.1)

WINDHAM

STEWART AAF (W)
335

158

258

WINGDALE

RED 13 4000

27

WAPPINGERS FALLS

15

LIME RIDGE

WATERBURY

MONTICELLO

MONTGOMERY

272

TO MOOSUP

87

WURTSBORO

STANTON'S

STORMVILLE

5000 WATERTOWN

MERIDEN
18

323

40

BRAINARD
278 KC 118.5 MC

SALEM

MONTGOMERY NO. 1

NEW HACKENSACK
236
(116.1)

BETHANY

BROOKFIELD

94

STARHAVEN

HUGUENOT

RANDALL'S

55

4000

64

AMBER 7

TIER

LUFBERY

MERIDEN
278

SALEM

58

BOSTON 263

WATERFORD

MATAMORAS

STEWART AAF
396 (126.18)

DANBURY

MONROE

DOANE

25

GROTON TRUMBULL

RED 23

4000

63

RED 33

3000

45

MAHOPAC

SOMERS

HAMMONASSET

TO WILKES-BARRE

TO LAKE CAREY

129

63

SUSSEX

38

WARWICK-WICKHAM

CROTON

WESTCHESTER

135

ISLAND

NEW HAVEN

WEST HAVEN

2000

ELIZABETH AAF

28

LA GUARDIA 209

MILFORD

BLUE 41

231

BRANCHVILLE

N.Y. N.J.

CHRISTIE

338

222

80

248

GREEN 5

240

4000

SPRING VALLEY

51

5000

BRIDGEPORT W
221

BRIDGEPORT
269 KC 118.7 MC

N.Y. 3
D.A

87

75°

72°

41°

ALLENTOWN
320

LA GUARDIA
209

MILLER

NEWARK
341

PORT CHESTER

16

NEW YORK 71

MITCHELL AAF
227

MATTITUCK

EAST HAMPTON

WESTCHESTER CO.
260 KC

SUFFOLK CO

72°48'

72°30'

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
→BRUNSWICK NAS PORTLAND	208(PW)(116.1)	BMRL2-DTV,148°, 2.2	DECOMMISSIONED (4); 116.1
→YARMOUTH FM (Navy)			DECOMMISSIONED
[illegible]SETTS			
BEDFORD (Army)	522 (DBH)	MH	Operates cont.
Bedford AAF	212(26.18,137.88)	CA	(3);126.18,137.88
BOSTON (Logan)	263(BW)(116.1)	SBRAZ-DTV	(3) ; 116.1
BRANT ROCK FM (Navy)	(- -)	FM, 141°, 20.2	Squantum NAS
EASTON FM (NAVY)	(- - -)	FM, 218°, 17.7	Squantum NAS
EVERETT LFM	(- - ·-)	LFM, 298°, 4.2	Boston
FRANKLIN FM	(· · - - -)	FM, 238°, 28.7	Boston
LOGAN (Boston)	278 (118.7 . 126.18,119	AC ;238°,1.4	(4), 122.5,126.18, 118.1. 118.7
PEABODY FM	(-)	FM, 31°, 9	Boston
SOUTH BOSTON LFM	(- - -)	LFM, 238°,4.7	Boston
→SOUTH WEYMOUTH (Navy)			DECOMMISSIONED
South Weymouth NAF	3295 (142.74)	CN	(3),142.74,(8-1630,Mon-Fri.)
SQUANTUM (Navy)	472(NZW)	BMRLZ	(3):142.74 flt opers.
Squantum NAS	323(142.74)	CN(GCA);321°,3.7	3105,4495;142.74(8-30 min before sunset)
NE[illegible]			
BOSCAWEN FM	(- - - -)	FM, 332°,14.2	Concord
CONCORD	251 (CN)(116.1)	BMRLZ-DTV 332°,1.9	(4),116.1
GRENIER(Manchester) (Army)	338(DUR)	SBMRAZ	(3)
Grenier Field	278(126.18)	CA(ILS),352°,0.4	(3):126.18
RHODE ISLAND			
CHARLESTOWN NAAS	269(142.74)	CN	3105;142.74 (0700-1800)
GREENE(Providence)	278 (118.9)	AC	(4); 118.9,122.5
PROVIDENCE (Greene)	347(PR)(116.1)	BMRLZ-DTV; 47°, 3.2	(3);116.1
QUONSET POINT (Providence) (Navy)	356 (NCO)	BMRLZ;339°,2.2	3105;142.74
Quonset Point NAS (Providence)	227(142.74) (126.18)	CN(GCA)	(3);142.74,140.58, 126.18

NEW RADIO FACILITIES

DEDHAM,Mass.FM	· · - - -	FM;238°,14.4	Boston
MOOSUP, Conn.FM	(- - - -)	FM;286°, 18.6	Providence

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRENIER (A)	109.5	332.6	352°	IM- (0.03)	MM- ·····(0.71)	OM- (5 00)
					MMH- 201	OMH- 219
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Foster(Stonington)	1 NE,RR S	5	18 S4	80 oct. Lgt acft only
Plainfield	1.5 SSW,RR E	160	21 L S6	80 oct Port rnwy lgts.
* Putnam Int, 14,LG-BW	1.7WSW;riv E	460	22 L3	Pole line N;poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC (not charted). →NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Biddeford	2 SSW;RR NW	110	22 S2	80 oct. Pole line SE.
(N)Brunswick NAS (N)	1.5SE;RR N	77	60h	INACTIVE.
Douglas (Brunwsick)	3.5 W;RR SE	170	15	
Hilltop (West Buxton)	0.8WSW,RR S	300	22 S4	80 oct. Poleline ESE.
Kennebunk	1.6 SW	50	16 S1	80 oct.
Merrymeeting(Bowdoinham)	1 SSE;riv E	60	18 S1	80 oct. Trees N,S.
PORTLAND	2 W,riv E	60	43h R1 L5 S6	80,91 oct.
Port of Maine (South Portland)	1.8 SSW,RR E	40	28 S6	80 oct.Rnwy data unverified.
Riverside Airpark (Brunswick)	1 WNW,RR S	60	18 S4	80 oct. No sto. Trees NNW
(P)Sanford	4 SE,hwy N	243	60h L5 S6	80,91 oct.
Scarboro	2 W,RR SSE	20	25 S2	80 oct.
Stover (Freeport)	3.5 NNW	180	11 S1	80 oct.

MASSACHUSETTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Ames (Brockton)	3 WSW,RR W	120	20 S6	73 oct. RR S.
Auburn	2 SW,RR W,E	700	15 S1	80 oct. Lgt acft only.
(A)Bedford AAF (A)	1 S	128	50hR2 L5S6	73,100 oct;JP-1.
(CG) Beverly	3 NW,lake E	108	50h L5 S1	80,91 oct.
Bolton (Clinton)	2.3 NE,RR W	400	17 S6	80 oct. Trees around fld. RR S.
Boston-Metropolitan (Canton)	1 W,riv W	50	21 S6	80 oct.Trees NW.
Brockton	2 S,hwy E	128	22 S6	80 oct.Poles E.W.Rnwy data unver.
Cape Cod (West Barnstable)	2.1 SW, lake SW	100	25 S2	80 oct.
Country Club(Wareham) (NC)	1.3 E,riv S	25	17 S4	80 oct.P-line,trees N
Chatham	1.7 WNW,lk E	66	14 S4	80 oct.P-line NW.
Eastham	1.2 NW;hwy E	50	20 S4	80 oct.FEE.Rnwy data unver.Smudge pots prior req.
Edgartown	2 S,rds E,NW	20	30 S4	80 oct. P-line E.
Falmouth (NC)	2.5 NE	40	18 S4	80 oct Data unver
Fitchburg	2.5 SE,bet RRs	334	45h S6	80 oct Knolls,dike S.
(A)Fort Devens AAF(A) (Ayer)	See Ayer, Mass under "New Arpts" - name changed			
Franklin-Norfolk (Norfolk)	2.5 WNW RR SSE,NW	140	20 S6	80 oct.Pole line S
Grafton (No Grafton)	0.7 SSW,riv N	450	30 S6	80 oct. Wooded hill S
Groton	4.6 WNW,RR W	280	28 S6	80 oct
Haverhill	2 NNE,lake S	125	17 S6	80 oct Stack S;pole line NW
HYANNIS	1.2 N,RR E	56	39h L5 S6	80,91 oct.Lgts prior req.
King (Taunton)	4.5 ESE,RR N	45	26 S6	80 oct.P-line NNE.
(P)LAWRENCE	2.5 ENE,lake E	155	40h L5 S6	91 oct days.P-line SSE.
Leicester	2 N	1140	15h S4	80 oct. Reservoir SE
(NG)LOGAN (Boston) →	1.5 E in harb	12	70h R2(L5)S6	80,91,100 oct. Rdo rqrd FEE
Mansfield	2 SSE,RR NE	124	25 S2	80 oct Pole line NWNE
Marlboro	2.4 E,RR WSW	265	15 S4	80 oct.Ridge SSE,NNW
(N) MARTHA'S VINEYD. →(Vineyard Haven)	4.3 S,rd S	68	38h L5 S4	80,91 oct.Lgts prior req Obsts SE side TMP INACT. NO NAVY FACS
Mendon	0.3 S,lake W	450	18 S4	80 oct. No sto P-line N,NW
Myricks	0.8 N,RR SW	65	20 S4	80 oct. Pole line S
NANTUCKET	2.6 SE,rd N	47	40h L S6	80,91 oct.Port lgts.
(P)New Bedford	2.5 NNW,RR W	78	50h L5 S2	No fuel.
→North Shore(Essex)	See Cape Ann Airways, under "New Airports"-name change			
Norwood	1.8 E,riv E	55	40h L5 S1	80,91 oct.
Oak Bluffs	0.8 SW,rd W	20	20	Avail emerg only.
(N)Otis OLF(Falmouth)	9 NNE	126	70h	INACTIVE (N)
Plum Island (Newburyport)	2.3 SE,riv N	15	25 L1 S6	80 oct. Pole line E.
Plymouth	SSE	149	25	Data unverified.
Providence (Seekonk)	2.1 ESE,rd NE	25	17 S4	80 oct. Pole line NNE
Revere	1 N	20	21h L S6	80,91 oct. Port lgts,fee Data unverified.

MASSACHUSETTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
→Richardson (Dracut)	2 NNW Lowell	115	21 S4	80oct,P-lineENE; No sto.
Shawsheen Pines (Billerica)	2.7 E,RR NE	110	24h S6	80, 91 oct.Ltd sto.Rnwy data unver.Trees NE,E,SE
Sherman Memorial (Mansfield)	See Clifford Sherman Memor'l under "New Arpts"- name changed.			
(N)South Weymouth NAF	1.5 SSE,RR W	152	45 R1 L5 S4	100 oct. B-2 lgts.
Spencer (N)	3.5 NNE	1040	17 S6	80 oct.
(N)Squantum NAS (N)	0.8 W,bay N	10	41h R2 S4	91,100 oct. No sto. No ngt flying.
Westboro	1.9 WNW,hwy N	310	13 S6	80 oct.
→Wilkins (No Attleboro)	2 NE,lake NW	200	18 S6	80,91 oct. Pole line ESE.
WORCESTER	3.5 W,RR SE	1009	55h	

NEW HAMPSHIRE

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Boire (Nashua)	2.8 WNW,RR N	185	20h L3 S6	80,91 oct.Lgts prior req P-line S
CONCORD	1.5 E,riv W	346	40h R1 L5 S6	80,91 oct
→Daniel Webster(Nashua)	3.8 NNW;riv E	195	25 S6	80,91 oct.ENE,NNW blkd.
Gate City (Nashua)	4 S		20 S4	80 oct. Data unver
(A)Grenier (Manchester)	4 S,RR E	230	70h R3 L5 S6	73,91,100 oct. (A)
Hampton	1.6 N,RR W	80	20 S5	80 oct. No sto.Trees N,S.
Hooksett Land & Seaplane	2 S,RR E	187	20 S6	80 oct. No sto.
→Laconia	3.8 NNE;RR S	536	35h L5 S6	73,80,91 oct.All lgts prior req except obst lgts.
Lakes Region (Wolfeboro)	2.6 W,RR E	580	14	CLOSED
Merrimack Bay(Concord)	5 NNW,RR W	260	15 S2	80 oct.Poleline S.
Plymouth Mun.Arpk	3.5 WNW,RR N	506	18 S2	Ltd 80 oct.Poleline N
(P)Portsmouth	3 W,bay W	94	50h L5 S6	80,91 oct.
→Wayside(Sommersworth)	2.4 W,RR N	212	15 S2	80 oct.Trees SSE.

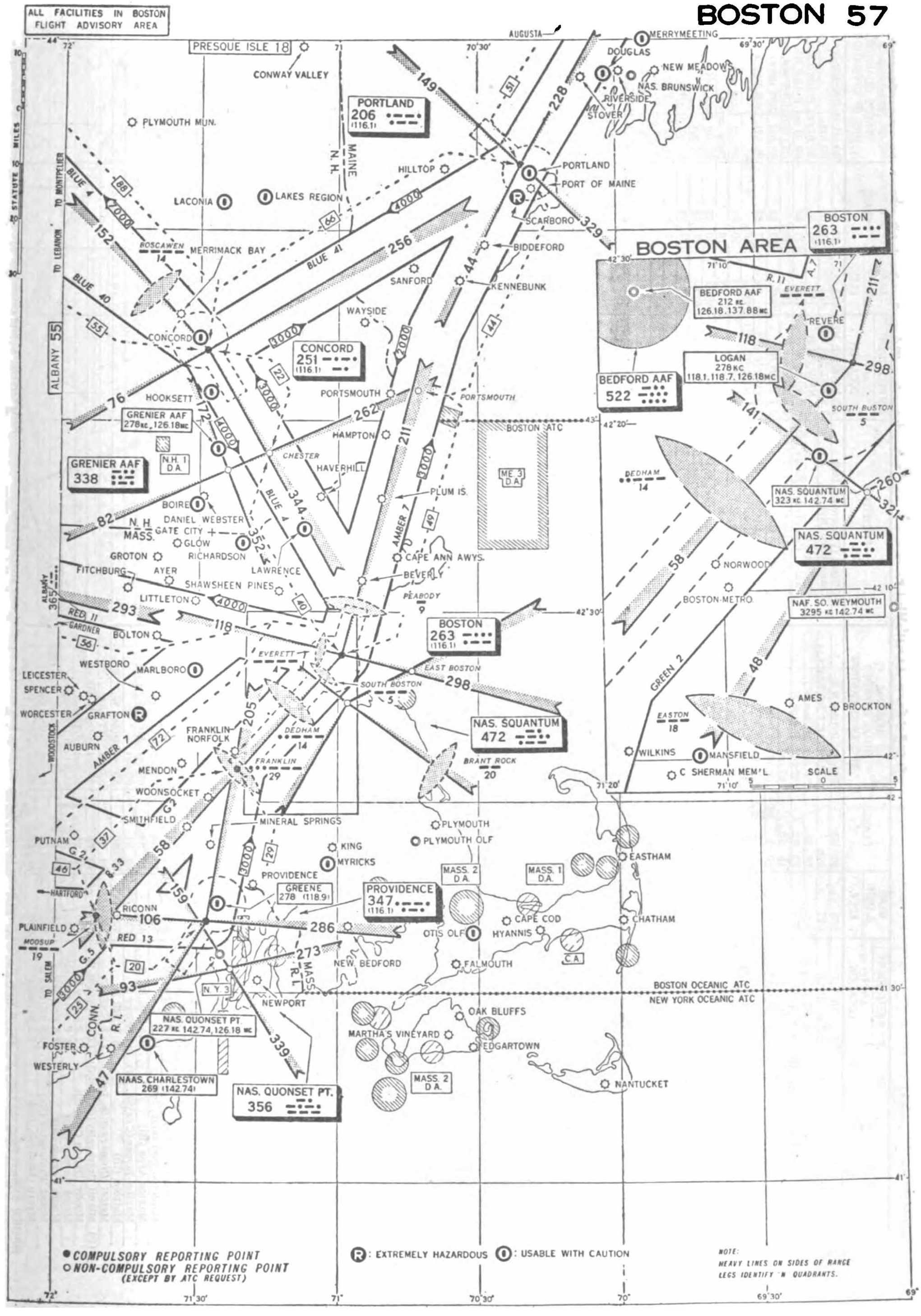
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AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(N)Charlestown NAAS(N)	1.9 SW,hwy N	32	58h R1 (L5) S1	91,100 oct. No bcn.
GREENE(Providence)	7 S,RR W	53	41h R2 L5 S6	80,91 oct.
→Newport Arpk	3.5 NNE	150	24 S6	80,91 oct, P-line NNE.
Mineral Springs (Providence)	4.6 NW,hwy E	240	11 S4	73 oct.No sto.Trees surround field
(N) Quonset Point NAS (Providence) (N)	16.5 S	14	60h R2 L5 S6	91,100 oct. NATS
→Riconn (Greene)	1.8 WNW,RR S	390	20 S6	80 oct. Rnwy data unver.
Smithfield	1 NE,RR W	400	17 S6	80 oct. Flares on req.
Westerly	2.4 SSE	81	40h	Riv. E.
Woonsocket	2.5 E;riv WSW	400	20 S2	80 oct.

NEW AIRPORTS

(N)Plymouth, Mass. DLF (N)	4.5 SW	140	28	
(A) Ayer, (Mass.)	1.5 NW;riv W	268	52h	
→Conway Valley (Conway,N.H.)	0.6 WNW; RR NNE.	460	26 S5	80,91 oct. Poles SW.
Clifford Sherman Memor'l (Mansfield,Mass)	3 SSW;RR W	130	17 S1	73 oct.Trees sur fld.
Cape Ann Airways (Essex, Mass)	0.9 NNW.Riv E, SE.	20	14 S1	80 oct.
→Provincetown Land Fld (Mass)	2 WNW	5	17 S4	Fuel.No sto.Data unver. Lgt planes.
→De Florez (Woodstock,Conn)	2.4 SSE;hwy V	450	19 S4	80 oct.Trees N.
→Coventry (R.I.)	2.8 ESE;hwy S	260	17	Private.S appch blkd.

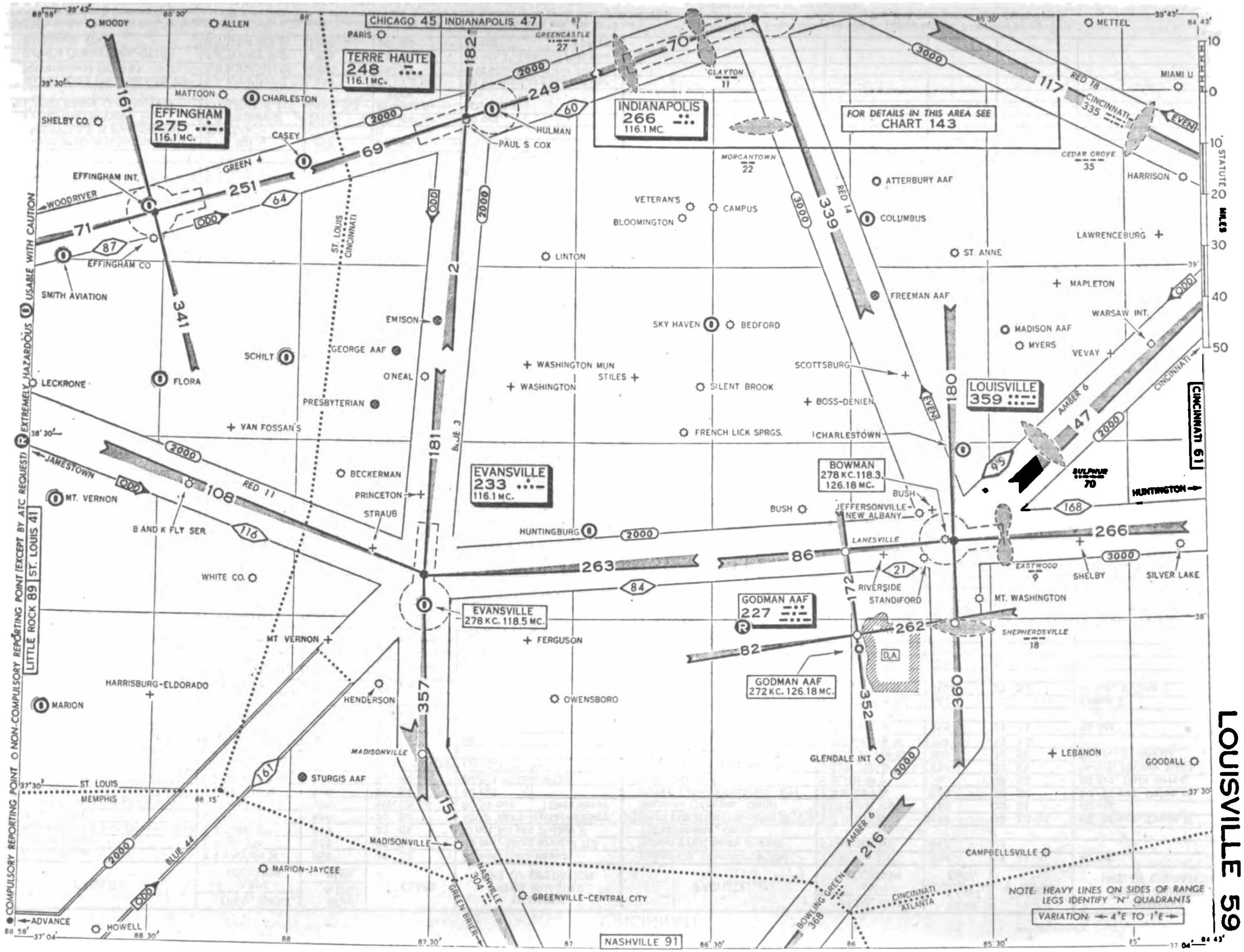
BOSTON 57


ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
BOSTON AREA
PRESQUE ISLE 18
CONWAY VALLEY
PLYMOUTH MUN.
LACONIA
LAKES REGION
HILLTOP
BOSCAWEN
MERRIMACK BAY
CONCORD
HOOKSETT
GRENIER AAF
278KC, 126.18MC
N.H. I D.A.
BOIRE
DANIEL WEBSTER
GATE CITY
GLOW
RICHARDSON
GROTON
AYER
FITCHBURG
LAWRENCE
SHAWSHEEN PINES
LITTLETON
BOLTON
MARLBORO
WESTBORO
LEICESTER
SPENCER
WORCESTER
GRAFTON
AUBURN
WOODSTOCK
FRANKLIN-NORFOLK
MENDON
WOONSOCKET
SMITHFIELD
PUTNAM
HARTFORD
PLAINFIELD
MOOSUP
FOSTER
WESTERLY
SANFORD
WAYSIDE
CHESTER
HAMPTON
HAVERHILL
PORTSMOUTH
KING
MYRICKS
PROVIDENCE
GREENE 278 (118.9)
RICONN
NEWPORT
NAAS. CHARLESTOWN 269 (142.74)
NAS. QUONSET PT. 227 KC 142.74, 126.18 MC
NAS. QUONSET PT. 356
MINERAL SPRINGS
PLYMOUTH
PLYMOUTH OLF
PLUM IS.
CAPE ANN AWYS.
BEVERLY
PEABODY
SALEM
LYNN
EVERETT
EAST BOSTON
SOUTH BOSTON
DEDHAM
FRANKLIN
BRANT ROCK
NAS. SQUANTUM 472
BOSTON 263 (116.1)
PORTLAND 206 (116.1)
CONCORD 251 (116.1)
GRENIER AAF 338
BEDFORD AAF 522
PORTLAND
PORT OF MAINE
SCARBORO
BIDDEFORD
KENNEBUNK
AUGUSTA
MERRYMEETING
DOUGLAS
NEW MEADOWS
NAS. BRUNSWICK
RIVERSIDE
STOVER
BEDFORD AAF 212 KC 126.18.137.88 MC
LOGAN 278 KC 118.1.118.7.126.18 MC
REVERE
SOUTH BOSTON
NAS. SQUANTUM 323 KC 142.74 MC
NAS. SQUANTUM 472
NAF. SO. WEYMOUTH 3295 KC 142.74 MC
NORWOOD
BOSTON-METRO
AMES
BROCKTON
EASTON
WILKINS
MANSFIELD
C SHERMAN MEM'L
BOSTON ATC
ME. 3 D.A.
MASS. 2 D.A.
MASS. 1 D.A.
EASTHAM
CHATHAM
CAPE COD
HYANNIS
OTIS OLF
FALMOUTH
NEW BEDFORD
OAK BLUFFS
MARTHA'S VINEYARD
EDGARTOWN
NANTUCKET
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
ALBANY 55
TO MONTPELIER
TO LEBANON
25 STATUTE MILES
SCALE
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Allen (Arcola, Ill)	2 W;RR N,E	665	20 S6	80 oct. P-line N,E.
(A) Atterbury AAF (Columbus,Ind)	3.5 N;RR SE	617	50h	TMP INACT.NO FACS.(A)
B & K (Fairchild, Ill)	1.4 WSW;RR S	500	26 S5	80 oct. P-line N.
Beckerman (Mt. Carmel, Ill)	4 W; RR S	424	23 S2	80 oct. P-line N.
(P) Bedford (Ind)	3.5 SE	682	19 S6	80 oct.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct.Port rnwy lgts. Trees N,Soft when wet
Boss-Denien (Salem, Ind)	3 WNW;RR N		26 S6	80 oct.P-line S.Data unver.
BOWMAN Tower (Louisville,Ky)	278(126.18,118.3)		AC	(4); 122.5,126.18,118.3
[Bowman] (Ky)	5.5 ESE	546	44h L5 S6	80,91 oct.No flood lgts.
Bush (Jeffersonville, Ind)	3 NE		20 S2	80 oct. Data unver.
Bush (Ramsey, Ind)	1.5 WSW;hwy N	680	12 S4	73 oct.
Campbellville (Ky)	2 ENE;RR NW	500	18 S4	80 oct.Hills NE,SE.
Campus (Bloomington, Ind)	1.5 ENE;RR S	883	22 S4	80 oct.
Casey (Ill)	1 NW	645	26 S4	80,91 oct. Data unver.
Charleston (Ill)	1.3 SW;RR NW	690	26 S6	80,91 oct.Flares on req.P-
(P) Columbus (Ind)	4.5 SSW	616	45h S4	80 oct.No sto. line N,E,W.
EFFINGHAM Range (Int.)(Ill)	275(EF)(116.1)	341°,0.0	BMRLZ-DTV	(4); 116.1
Effingham Co. Mem'l (Ill)	3.6 S;hwy W	585	30 S6	80 oct.
* Effingham Int,10,LS-ID (Ill)	2.5 N;RR E	608	26 L3 S1	73 oct. on req.
(A) Emison (Oaktown, Ind)(A)	3.6 WSW	425	45h	CLOSED.
EVANSVILLE Range (Ind)	233(EV)(116.1)	177°,5.7	SBRAZ-DTV	(3); 116.1
EVANSVILLE Tower (Ind)	278 (118.5)		C	(4); 118.5, 122.5
→ [Evansville] (Ind)	4.5 NNE;bet RRs	383	60h L5 S6	80,91,100 oct.Twr W.Fld lgts on req.No floods
Ferguson (Richmond, Ind)	0.5 SE		13	Data unver.
Flora (Ill)	0.8 SW;RR N	490	35 S6	80 oct. P-line N,W.
(A) Freeman (Seymour, Ind) (A)	2 SW;hwy N	575	55h	CLOSED.
French Lick Springs (Ind)	1 SE;RR W	500	27h	
(A) George (Lawrenceville,Ill)(A)	4.5 NE;RR S	428	52h	CLOSED.
* Glendale Int,75B,DL-LV (Ky)	0.5 NE;RR W	702	25 L3	
GODMAN Army Range(Ft.Knox)	227 (DKX)	172°,3.1	BMRLZ	(Ky)
GODMAN Tower (Ky)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Godman (Ft. Knox, Ky) (A)	1 NW;RR E	740	52h L5 S4	73,91,100 oct. No sto.
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct.WNW,SW blkd.
Greenville-Central-City (Ky)	1 NE;RR W	415	22 S4	80 oct.
→ Harrisburg-El Dorado (Ky)	Adj E	400	27 S1	80 oct. Data unver.
Harrison (Ohio)	2 ESE;RR SW	580	26 S6	80 oct.P-line S.Rnwy data
Henderson (Ky)	4.7 WSW;hwy E	350	23 S1	80 oct. unver.
Howell (Paducah , Ky)	4 WNW;RR S	371	20 S6	80 oct.All appchs blkd.
(P) [Hulman] (Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct.Fld lgts prior req.
(P) Huntingburg,19,LS-LV (Ind)	3 S;RR E	500	31 L2 S4	80 oct.
INDIANAPOLIS Range (Ind)	266(ID)(116.1)	82°, 3.2	SBRAZ-DTV	(3); 116.1
Jeffersonville-New Albany (Jeffersonville, Ind)	2 NW;riv S	470	29 S6	80 oct.Poles SW.
Lawrenceburg (Ind)	1 SW		22	Data unver.
Lebanon (Ind)	1 S; RR N	925	16 S4	80 oct. Trees SW.
(P) Leckrone (Salem, Ill)	1.9 NW;lake NW	545	39 S6	80,91 oct.Flares on req.Der-
Linton (Ind)	3.3 E;RR S	500	19 S4	Ltd 80 oct. N,NE rick NW blkd.
LOUISVILLE Range (Bowman)	359 (LV)	269°, 1.4	SBMRLZ-DTX	(3) (Ky)
(A) Madison AAF (Ind) (A)	6 NNW;RR SW	850	50h	Closed to all acft.
Madisonville (Ky)	6 ENE;hwy SE	420	24 S4	80 oct. No sto.Use strips
Mapleton (Seymour, Ind)	3 E	630	18 S4	80 oct.Data unver. only.
Marion Arpk (Ill)	1.8 ESE;RR S	430	29 S6	80 oct. All appchs blkd.
Marion-Jaycee (Crayne, Ky)	1 N;hwy E	650	20 S1	80 oct.
Mattoon (Ill)	4 E; RR N	720	23 S6	80 oct. Poles W.
Mettel (Connersville, Ind)	2.8 NNE	950	29 S2	80 oct. Bet RRs.
(P) Miami University (Oxford,O)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
Moody (Dalton City, Ill)	2.2 S;hwy W	680	19 S6	80 oct. P-line N.
Mount Vernon (Ind)	1 E;bet hwy,riv	390	26 S1	80,91 oct.Data unver.
Mount Vernon (Ill)	2.5 ENE;RR S	465	27 L S6	80,91 oct.Temp port lgts.
Mount Washington (Ky)	0.5 NE;hwy E	720	20 S6	80 oct.P-line E,NE.
Myers (Madison, Ind)	2.2 N;RR W	960	24 S6	80 oct.N,NE,E blkd.
O'Neal (Vincennes, Ind)	1.5 WNW;RR NE	415	33 S6	80 oct.P-line NE;trees N.
Owensboro (Ky)	2.5 ENE;RR NW	484	29 S6	80 oct.
Paris (Ill)	3.5 NNW;RR E	740	30 S1	80,91 oct.Poles SW,S,W.
Paul S. Cox (Terre Haute,Ind)	3.2 S;hwy W	485	27 S4	80,91 oct.P-line NE,SW.
(A) Presbyterian Church #3 (A)	4 WNW;hwy E	430	45h	CLOSED (St.Francisv'l,Ill)
Princeton (Ind)	0.7 E;RR NE	502	23 S2	80 oct. Data unver.
Riverside (Louisville, Ky)	7.5 SW;riv W		27 S4	80 oct. Data unver.
(P) St. Anne #2 (North Vernon,Ind)	2.3 NNE;RR W	750	45h	
Schilt (Olney, Ill)	1.5 E;RR S		30 S1	80 oct. Data unver.
Scottsburg (Ind)	2 W		18	Data unver.
Shelby (Shelbyville, Ky)	2.5 ENE;hwy S	850	20 S2	80 oct Data unver.
Shelby Co. (Shelbyville, Ill)	1.9 ESE;RR N	677	21 S6	80 oct.
Silent Brook (Orleans, Ind)	5 W;riv SW	650	21 S4	80 oct.Hi-line W,SW.
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80,91 oct. Poles N.
(P) Sky Haven (Bedford, Ind)	2 SSW;riv S	650	36h S6	80,91 oct.P-line E,NE.S. 80'hill W end WSW rnwy
Smith Aviation (St. Elmo, Ill)	1.3 SW;RR,hwy N	647	32 L1 S6	80 oct. Bcn twr NE;poles N
(NG) Standiford (Louisville, Ky)	4.3 SSE;hwy E	480	50h	
Stiles (Shoals, Ind)	1 N	740	22 S2	80 oct. Data unver.
Straub (Cynthiana, Ind)	0.5 NW		13	Data unver.
(A) Sturgis AAF (Ky) (A)	1.5 ESE;hwy SW	371	50h	CLOSED.
TERRE HAUTE Range (Ind) (Hulman)	248(TH)(116.1)	69°, 5.8	BMRLZ-DTV	(4); 116.1
→ Van Fossan's (Mt. Erie, Ill)	0.5 N;lake NE		27 S1	80 oct.P-line E,NW,SE.Data
Veteran's (Bloomington, Ind)	2.5 W; RR N	890	18 S6	80 oct.Poles W. unver.
Vevay (Ind)	1 E	450	20 S2	73 oct.Tree NE corner.Data
* Warsaw Int,5,LV-CV (Ky)	0.8 SW;riv NW	485	30 L3	unver.
Washington (Ind)	3 W		21	Data unver.
Washington Mun. (Ind)	4 N		30 S4	80 oct. Data unver.
White Co. (Carmi, Ill)	1.1 NE;RR S	450	28 S1	80 oct. P-line S, SSE.
NEW FACILITIES				

RADIO: **S - Simul. Range** and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, **6210 kcs.** **(4) - 3105, 4495, 6210,** 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. **(vhf) -** Voice **on 116.1 and 111.1 mcs. + - Army** A.C.S. **transmits on and guards 116.1, 137.88, 140.58 mcs.**
◆ **A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) e - Guarded only when associated tower inoperative.**

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing **(see page XIII)**
→ New or revised data. [Jones] - Airline **Stop. N. B. Radio facilities are all CAPITALIZED.** Airports are indented and non-capitalized.


CHICAGO 45 | INDIANAPOLIS 47
TERRE HAUTE 248 116.1 MC.
EFFINGHAM 275 116.1 MC.
INDIANAPOLIS 266 116.1 MC.
FOR DETAILS IN THIS AREA SEE CHART 143
EVANSVILLE 233 116.1 MC.
LOUISVILLE 359
BOWMAN 278 KC. 118.3, 126.18 MC.
EVANSVILLE 278 KC. 118.5 MC.
GODMAN AAF 227
GODMAN AAF 272 KC. 126.18 MC.
NASHVILLE 91
CINCINNATI 61
MOODY
ALLEN
PARIS
GREENCASTLE
METTEL
MIAMI U
MATTOON
CHARLESTON
SHELBY CO.
CASEY
HULMAN
PAUL S COX
CLAYTON
CINCINNATI 335
EFFINGHAM INT.
WOODRIVER
GREEN 4
EFFINGHAM CO
SMITH AVIATION
ST. LOUIS CINCINNATI
MORGANTOWN
CEDAR GROVE
HARRISON
ATTERBURY AAF
VETERAN'S
CAMPUS
BLOOMINGTON
COLUMBUS
LAWRENCEBURG
LINTON
ST. ANNE
MAPLETON
FREEMAN AAF
WARSAW INT.
EMISON
SKY HAVEN
BEDFORD
MADISON AAF
MYERS
VEVAY
SCHILT
GEORGE AAF
O'NEAL
WASHINGTON MUN
STILES
WASHINGTON
SILENT BROOK
SCOTTSBURG
BOSS-DENIEN
LECKRONE
FLORA
PRESBYTERIAN
VAN FOSSAN'S
FRENCH LICK SPRGS.
CHARLESTOWN
JAMESTOWN
MT. VERNON
BECKERMAN
PRINCETON
STRAUB
B AND K FLY SER.
HUNTINGBURG
BUSH
JEFFERSONVILLE-NEW ALBANY
LANESVILLE
WHITE CO.
RIVERSIDE
STANDIFORD
MT. WASHINGTON
EASTWOOD
SHELBY
SILVER LAKE
SHEPHERDSVILLE
D.A.
FERGUSON
MT VERNON
HARRISBURG-ELDORADO
MARION
HENDERSON
OWENSBORO
MADISONVILLE
GLENDALE INT
LEBANON
GOODALL
STURGIS AAF
ST LOUIS
MEMPHIS
MARION-JAYCEE
GREENVILLE-CENTRAL CITY
CAMPBELLSVILLE
ADVANCE
HOWELL
HUNTINGTON
CINCINNATI
ATLANTA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 4°E TO 1°E
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
LITTLE ROCK 89 | ST. LOUIS 41
STATUTE MILES
LOUISVILLE 59

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Abken (Russell, Ky)	2.7 NW;riv N	555	26 S3	80 oct. Data unver.
Ashland (Ky)	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Attaway Air Ranch(Mason,Ohio)	4.2 S;RR NW	850	23 S4	80 oct.No sto.P-line E.
Bethel (Ohio)	1 ESE	890	30 S6	1500' hard-surfaced rnwy.
→ Blue Grass (Lexington, Ky)	6 W;hwy N	978	40h L5 S6	80,91 oct. | Data unver.
Bollinger (Charleston,W.Va)	4.5 SW;riv N	900	21 S4	80 oct.
Campbell (Cincinnati, Ohio)	6.2 NNW;RR E	820	24 S2	80 oct.P-line WSW.
CHARLESTON Range (W.Va)	400(KN)(116.1)		SBMRAZ-DTV	(4); 116.1
* Cherry Fork Int,4,CC-WA(Ohio)	0.5 NNW	939	39 L3	
Cheviot (Cincinnati, Ohio)	9 W;RR 1 E	914	18 S6	80 oct.
→ Chillicothe Skypark (Ohio)	1.8 N;riv W	640	30 S4	80,91 oct
CINCINNATI Range (Lunken) (Ohio)	335(CC)(vhf)	227°,5.2	SBRAZ-DTV	(3);116.1,122.1.DTV lctd at Greater Cincinnati Arpt.
Cincinnati Inc.(Sharonville)	2 SE;hwy N	860	37 S6	80 oct. (Ohio)
Clark (Winfield, W.Va)	5 N St. Albans	600	27 S6	73 oct.No sto.Riv E.
CLINTON AAF Range (Ohio)	114.3 (DWO)		VARW	(8-1630 Mon-Fri)
CLINTON CO Army H Fac.(Ohio)	201		MH	0.2 mi.end Rnwy 22(8-1630, Mon.-Fri.or on 30 min.not.
CLINTON CO.Tower (Ohio)	272 (126.18, 140.58,116.1)		CA (ILS-W) (GCA)	(3);126.18,137.7,116.1. Trans.on 137.88 on req.
(A) Clinton Co.AAF (Wilmington)	2 SE;hwy NE	1062	60h L5 S1	73,91,100 oct.JP-1.(Ohio)(A)
Cool Meadow (Lexington,Ky)	4.8 NE;rd W	910	28 S6	80, 91 oct.
Falmouth (Ky)	2.3 SE;riv E	750	16 S2	80 oct.Trees NE,SW
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct.WNW,SW blkd.
GREATER CINCINNATI Tower(Ky)	221(118.9,126.18)		AC (ILS)	(4);118.9,122.5,126.18 Call:
(P) [Greater Cincinnati] (Covington)	8.2 W;riv NE	890	55h L6 S6	80,91 oct.(Ky) | Kenton Twr
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE,SSW.
Happy Landings (Morrow,Ohio)	2.4 ESE;RR S	880	28	Area SE unusable.
Harrison (Ohio)	2 ESE;RR SW	580	26 S6	80 oct.P-line S.Rnwy data un-
→ Hightman (Lebanon, Ohio)	3 E;RR W	880	16 S1	Trees W,E.80 oct. | ver.
Hinton (W. Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Spgs)	1 E;riv,RR S	1520	26	Hill W, E. (W.Va)
HUNTINGTON Range (W.Va)	236 (HI)(116.1)	75°, 2.3	BMRLZ-DTV	(4); 116 1
(P) Huntington(Chesapeake,Ohio)	2 WSW;riv S	560	29h S6	80, 91 oct.
Jody (London, Ky)	2.7 SSE;hwy E	1240	25 L S2	80 oct. Flood lgts.
Jones (Chillicothe, Ohio)	7.2 SE;RR SW	720	20 S2	Ltd 80 oct.
Knore (Minford, Ohio)	2 SE;RR W	670	20 S6	80 oct.No sto.Pwr line S.
Lakewood Arpk (Cincinnati,O)	9.5 NNW	870	20h S6	80,91 oct.P-line E.
Lancaster (Ohio)	2.5 E;RR N,SW	830	25 S4	80 oct. Poles E.
LEXINGTON Range (Ky)	108.3 (LM)		VARW	
Logan (W. Va)	7.2 NNW;riv E	630	15h S1	80 oct. Hill S,N.
Loving ,35A,NA-WA(Pulaski)	2.8 N;RR SE	2200	27 L3 S4	80 oct.Poles SW.No sto.(Va)
LUNKEN Tower (Ohio)	227 (118.7)		AC	(4); 118.7, 122.5
(P) [Lunken](Cincinnati, Ohio)	4.3 SE;RR SW	488	41h L5 S6	73,91,100 oct.
Marietta (Ohio)	1.8 ESE;riv S	615	27 S2	80 oct.
Maysville (Ky)	3.5 NW		26 S2	Fuel.Data unver.
(P) Miami University (Oxford,Ohio)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N, NW.
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct.Poles E, SW.
Morris (Williamson, W.Va)	5 NNW;RR E	600	12 S1	80 oct. P-line S.
Mt.Healthy (Cincinnati,Ohio)	9.5 NW;hwy E	870	22 S6	80 oct.Trees WSW,NE,ENE
Narrows (Va)	1 E;RR S	1550	2052	Ltd 80 oct.Trees W.
North Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	80 oct. No sto. Poles S.
Ohio University (Athens,Ohio)	1.5 E; RR S	640	40 L S6	80 oct. Port rnwy lgts.
Paris (Ky)	1.2 NNE	850	20 L S1	80 oct.Flood lgts NE,SW. NW blocked.
Parks Watson (Cincinnati,O)	9 NE;RR E	865	26 S6	80, 91 oct.
PAYNESVILLE H Fac. (W.Va)	356 (IR)		H	(6-23)
Princeton (W.Va)	1.7 SW;hwy E	2450	20 S4	80 oct.
PULASKI Range (Loying)(Va)	272(US)(116.1)	247°, 2.1	SBMRAZ-DTV	(4): 116.1
Raven Rock (Portsmouth, O)	3.5 WSW;riv S	538	24 L3 S6	80,91 oct.Lgtg fac not ver.
Ravenswood (W. Va)	0.6 NNW;RR W	600	23 S1	Ltd 80 oct.Obst sur fld.
Reed's (Watertown, Ohio)	4.9 W;hwy E,S	820	13 S1	80 oct.P-line NE.Rdo re-
Richlands (Va)	2.7 WSW;RR N	1950	20 S2	80 oct. | pairs.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Roane Co. (Spencer,W,Va)	1 SE;hwy NE	954	17 S1	80 oct.
Scioto Trail State Forest (Chillicothe, Ohio)	8 SSE;RR NE	640	24	
(P) Scott (Mt.Hope)(Beckley,W,Va)	2.6 N;RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Shumate (Jackson, Ohio)	8 SSE;RR NE	720	20 S1	80 oct.
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80, 91 oct. Poles N.
Somerset (Ky)	5 N;RR W		20 S2	80 oct. Data unver.
South Dayton (Dayton, Ohio)	5 SSW;RR W	750	32 S6	80 oct. No sto. Hills S.
Stewart (Parkersburg, W.Va)	2.3 NNW;riv W	602	33 S6	80 oct. P-line SE.
Sutton Int, 21, CC-WA (W.Va)	3.6 ENE;RR W	1264	32 L3	
Tri-County (New Holland, Ohio)	3 ESE;RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis,Ohio)	1.8 ENE;riv SE	563	30	Trees E.
Washington (Washington Court House, Ohio)	4.5 ENE;RR S	910	22 S3	80 oct. P-line S.
Wolfords (Amanda, Ohio)	0.8 E;RR NW	960	13	
Zaleski State Forest Service (Zaleski, Ohio)	1 SSW;RR NW	705	22	

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-
					MMH-	OMH-
GRTR. CINCINNATI	109.9	333.8	360°	IM-	MM- •—•—(0.6)	OM- — —(4.3)
					MMH- 206 •••—	OMH- 215•——
				IM-	MM-	OM-
					MMH-	OMH-

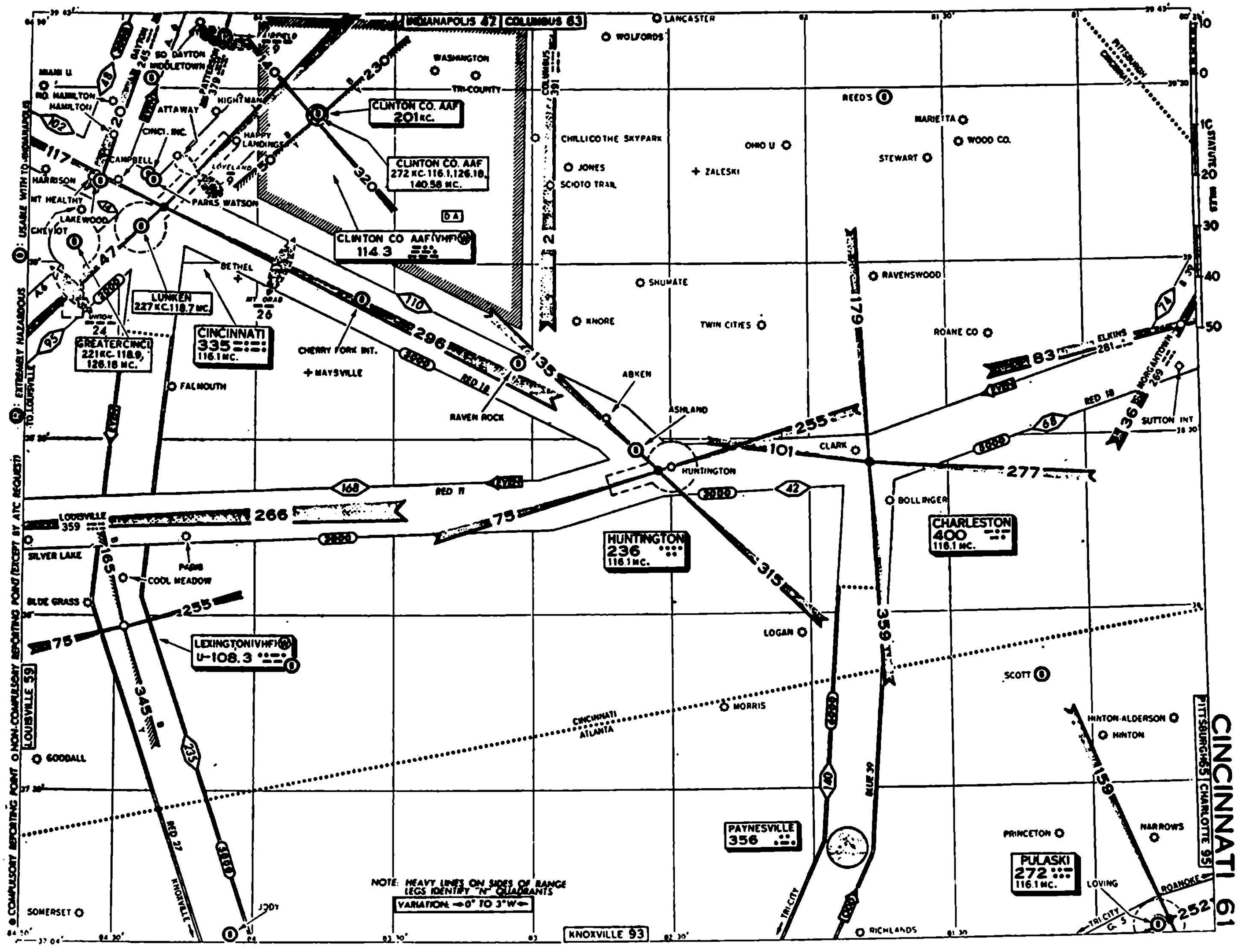
NEW FACILITIES

Huntington (W. Va) — See Huntington Airport, Chesapeake, Ohio

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) *-Guarded only when associated tower inoperative.

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page xiii) →←New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

8-3465-OB


INDIANAPOLIS 42
COLUMBUS 63
CINCINNATI 61
PITTSBURGH 65
CHARLOTTE 95
KNOXVILLE 93
CLINTON CO. AAF 201 MC.
CLINTON CO. AAF 272 MC. 116.1, 126.18, 140.58 MC.
CLINTON CO AAF (VHF) 114.3
LUNKEN 227 MC. 118.7 MC.
CINCINNATI 335 116.1 MC.
GREATER CINCI 221 MC. 118.9, 126.18 MC.
HUNTINGTON 236 116.1 MC.
CHARLESTON 400 116.1 MC.
PULASKI 272 116.1 MC.
PAYNESVILLE 356
LEXINGTON (VHF) U-108.3
LOUISVILLE 359
WASHINGTON
TRI-COUNTY
LANCASTER
WOLFORDS
REEDS
MARIETTA
WOOD CO.
STEWART
CHILLICOTHE SKYPARK
OHIO U
JONES
SCIOTO TRAIL
ZALESKI
SHUMATE
KNORE
TWIN CITIES
RAVENSWOOD
ROANE CO
ELKINS
MORGANTOWN
SUTTON INT
ABKEN
ASHLAND
RAVEN ROCK
CHERRY FORK INT.
MAYSVILLE
FALMOUTH
BETHEL
MT. ORAB
HAMILTON
MIAMI U
RD. HAMILTON
ATTAWAY
HIGHLAND
CINCI. INC.
HAPPY LANDINGS
LOVELAND
CAMPBELL
HARRISON
MT HEALTHY
LAKEWOOD
CHEVIOT
PARKS WATSON
SO DAYTON
MIDDLETOWN
CLARK
HUNTINGTON
BOLLINGER
LOGAN
SCOTT
MORRIS
HINTON-ALDERSON
HINTON
PRINCETON
NARROWS
LOVING
ROANOKE
TRI CITY
RICHLANDS
SILVER LAKE
COOL MEADOW
BLUE GRASS
GOODALL
SOMERSET
JUDY
CINCINNATI ATLANTA
TRI-CITY
BLUE 39
RED 11
RED 27
KNOXVILLE
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
USABLE WITH TO INDIANAPOLIS
EXTREMELY HAZARDOUS TO LOUISVILLE
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 0° TO 3°W
STATUTE MILES

RADIO

OHIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CLINTON CO. (Wilmington)	272 (126.18, 140.58,116.1)	CA(ILS-W)(GCA)	(3); 126.18,137.7,116.1 Tr on 137.88 on req.
Clinton County (Wilmington) (Army)	201	MHW	0.2 mi. end Rnwy 22,(8-1630. Mon-Fri.or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-DTV,86°, 1.9	(3);116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS-W)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°,25.0	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC (ILS)	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1

WEST VIRGINIA

CHARLESTON	400 (KN)(116.1)	SBMRAZ-DTV	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-DTV.75°, 2.3	(4):116.1
→ PAYNESVILLE	356 (R)	R	(6-23)

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-
					MMK-	OMK-
LOCKBOURNE (A)	109.9		3°	IM- (0.16)	MM- ·····(0.85)	OM- --(4.29)
					MMK-	OMK-
PORT COLUMBUS	109.5		95°	IM-	MM- -·-·(0.65)	OM- --(4.50)
					MMK-	OMK-

S Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

Briggs (Zanesville)	6.4 NNE,RR W	780	18 S2	80 oct. Poles E.
Cambridge	2 N, RR W	800	27 L3 S2	73 oct.
Cedar Lawn (Kenton)	2.3 S, RR E	975	16 S2	80 oct. P-lines E,SE
* Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
→ Chillicothe Skypark	1.8 N;riv W	640	30 S4	80,91 oct.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N,RR,riv E	800	28 S2	73, 80 oct.
Crabill (Springfield)	2.5 SE,RR I E	1040	29 S6	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII (NC)-Not charted. → NEW OR REVISED DATA

OHIO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L4 S6	80,91 oct.Fld lgts prior req.
Grove City	1 S, RR W	860	21 S6	73,80 oct. No sto.Poles W.
Jones (Chillicothe)	7.2 SE,RR SW	720	20 S2	Ltd 80 oct.
Knore (Minford)	2 SE,RR W	670	20 S6	80 oct. No sto. Pwr line S.
Lancaster	2.5 E;RR N,SW	830	25 S4	80 oct. Poles E.
(A) Lockbourne AAB → (Columbus)(A)	11.5 SSE,RR W	744	55h R3 L5 S5	73, 100 oct. JP-1. No range.
Magnolia	0.5 NW,RR SE	970	22 S1	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S4	80 oct.
Newark,2, CO-PG	3.5 SW,RR N	880	25 L3 S2	73 oct. 200' stacks S.
(P) New Philadelphia	2.5 SE,RR SW	885	36 S6	80 oct. Poles N,E,W.
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS → (Columbus)	7 E, RR S	817	50h R3 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	14	Poles NNE; trees SSW.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW,riv S	538	24 L3 S6	80,91 oct. Lgtg fac not verified.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE. Rdo repairs.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S4	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	WSW blkd.
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,hwy E	1050	28 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver.
Tri-Co (New Holland)	3 ESE,RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE;hwy S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	960	13	
Woodsfield (NC)	1 W,hwy NE	1220	19	
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S2	80,91 oct.Pole line E. RR E. NE,W blocked.
Zaleski St. Forest Svc.	1 SSW,RR NW	705	22	(NC)
(P) Zanesville	6.2 E,hwys N,S	902	50h R1 L5 S1	80 oct. prior req.

WEST VIRGINIA

Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts emerg only.

NEW AIRPORTS

Logan (W.Va.)	7.2 NNW,riv E	630	15h S1	80 oct Hill S,N.
Huntington (W.Va.)				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.
(P) Huntington (Chesapeake,Ohio)	2 WSW;riv S	560	29h R1 S6	80,91 oct.
Port Lancaster Corp. (Hooker,Ohio)	0.8 N;RR W	800	28 S1	80,91 oct.Hwy W.
Snook (Reynoldsburg,Ohio)	1.4 NE;RR N	980	21 S6	80 oct.P-line E;trees SW
→ Hillsboro (Ohio)	5 W;hwy S		20 S2	80,91 oct.Use strips only.Data unver.

COLUMBUS 63

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
(R): EXTREMELY HAZARDOUS (O): USABLE WITH CAUTION

CLEVELAND 49
CEDAR LAWN
MARION
MAGNOLIA
+VOSS
MT. LIBERTY
WYNKOOP
NEW PHILADELPHIA
CLEVELAND CINCINNATI
CLEVELAND PITTSBURGH
COLUMBUS 391 (116.1)
COMMERCE
BRIGGS
GRIMES
OHIO STATE U
SUMMIT STA
SPRINGFIELD
93
264
85
CAMBRIDGE
SNOOK
NEWARK
RIVERSIDE
ZANESVILLE 263 (116.1) On request
CRABILL
SPRINGFIELD
CLICKENGER
PRICE
GROVE CITY
NORTON
NEWARK
ZANESVILLE
SULLIVANT AVE.
LOCKBOURNE AAB 317 126.1R
PORT LANCASTER
LANCASTER
CROOKSVILLE
PORT COLUMBUS-NAS 278 (118.5, 126.1R)
WASHINGTON
TRI-COUNTY
On request
CLINTON CO. AAF 201
CLINTON CO AAF 272 ac 116.1 126.1R 137.8R 140.5R mc
FOR CLINTON CO AAF V H F RANGE SEE CHART 61
CHILLICOTHE SKYPARK
JONES
REED'S
MARIETTA
WOOD CO.
OHIO U
STEWART
CHERRY FORK
SHUMATE
RAVENSWOOD
KNORE
RAVEN ROCK
OHIO W. VA.
ROANE CO. 281
MAYSVILLE
OHIO KY.
ABKEN
ASHLAND
HUNTINGTON
CLARK
101
277
CHARLESTON 400 (116.1)
BOLLINGER
HUNTINGTON 236 (116.1)
LOGAN
W. VA KY.
SCOTT
MORRIS
CINCINNATI ATLANTA
PAYNESVILLE 356
PRINCETON
CINCINNATI 61
INDIANAPOLIS 47
PITTSBURGH 65
TO LOUISVILLE
RED 11
RED 18
RED 17
AMBER 6
BLUE 15
BLUE 45
335
296
135
75
315
255
83
179
359
212
224
272
205
262
100
254
109
168
140
42
110
17
32
20
10
25
15
2
379
TO CLEVELAND
TO FORT WAYNE
STATUTE MILES
NAUTICAL MILES

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALLEGHENY CO. Tower (Pa)	278 (126.18, 118.7)		AC	(4); 140.1,122.5,126.18
[Allegheny Co.](Pittsburgh,Pa)	5.3 S;RR NW	1251	57h L6 S6	80-100 oct.No ctc lgts.Rdo rec.rqrd
Allegheny Valley (Tarentum, Pa)	3.2 W;RR W	1125	24 S4	80 oct.
ALTOONA Range (Pa)(Blair Co.)	338(RF)(116.1)	203°,1.3	SBMRAZ-DTV	(4); 116.1
Altoona (Duncansville, Pa)	1 SW;RR E	1050	36 S4	73 oct.
Augusta (Waynesboro, Va)	6 WSW;riv SE	1420	24 S4	80 oct. Pole line SE.
Baker Arpk (Burlington,W.Va)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg,W.Va)	6 E;hwy S	1200	38h S6	80, 91 oct.
Blair Co., 24A, CO-PG (Martinsburg, Pa)	0.9 SE	1495	44h L4 S2	80, 91 oct.
* Buckstown Int,12B,WA-CV (Pa)	1 E;hwy S			ABANDONED.
Buford's (Montvale, Va)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
CECIL H Fac (Pa)	219 (C)	265°,10.3	FMHW	Pittsburgh.
CECIL FM (Pa)	(- - -)	265°, 10.3	FM	Pittsburgh.
(P) Connellsville (Pa)	4 SSW;hwy E	1250	34h S2	80, 91 oct.
Covington (Va)	1 NE	1500	20 S4	80 oct. Data unver.
Covington-Clifton Forge (Va)	6.5 E;hwy S	1115	24 S4	80 oct.
Cresson (Pa)	1 NE;RR W	2240	25 S2	80 oct. P-line S.
(P) Cumberland (Md)	2.5 S;riv N,S	780	58h L5 S1	80 oct. Mtns SW. Bcn inop.
Elk Garden (W. Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct.P-line NW.
ELKINS Range (W.Va)	281(EK)(116.1)	174°,2.9	SBMRAZ-DTV	(4); 116.1
(P) [Elkins] (W.Va)	2.6 S;RR W	1988	45h L5 S4	80,91 oct. No sto.
Forman (Terra Alta, W.Va)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
FRONT ROYAL Range (Va)	359(FZ)(116.1)		SBMRAZ-DTV	(4); 116.1
Glendale (W.Va)	0.5 WSW;bet. RR & riv	640	29 S6	80 oct Trees N,S P-line S.
GORDONSVILLE Rng (Va)(Int.)	388(GJ)(116.1)	135°,2.5	SBMRAZ-DTV	(4); 116.1
Gordonsville (Va)	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* Gordonsville Int,51,NA-WA(Va)	5 SSE	438	31 L3	Pole line SW.
GREATER PITTSBURGH Tower	396 (126.18)+		CA	(3); 126.18
(A) Greater Pittsburgh (Pittsburgh, Pa) (A)	15 WNW;riv N	1145	55h L5 S4	100 oct. JP-1. No sto.
(A) Greenbrier AAF (White Sulphur Springs, W.Va) (A)	2 SW	1795	35h	
(P) Greene Co.(Waynesburg,Pa)	2.7 E;RR NW	1100	32 S6	80 oct.
Hamilton (Indiana, Pa)	2.5 E;hwy S	1440	26 S6	80 oct. P-line S.
→ Harrison City (Pa)	1.1 NW;hwy S	1200	17	Poles NW.
Hartman (Harrisonburg,Va)	1 NW	1350	22 S6	80,91 oct.
Herron (New Cumberland,W.Va)	4 NE;lake W	1250	17 S4	80 oct. Data unver.
Hinton (W.Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Springs, W. Va) (NC)	1 E;riv,RR S	1520	26	Hill W, E.
HOOKSTON FM (Pa)	(- - - -)	308°,32	FM	Pittsburgh.
Huntingdon (Pa)	1 S;riv NE	620	20 S4	80 oct. P-line W.
Ingalls (Hot Springs, Va)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
(P) Johnstown (Pa)	4.7 E;hwy N	2282	45h S5	80,91 oct.
Keystone (Ebensburg, Pa)	3 SW;RR NW	2100	23 S4	87 oct. Obst sur fld.
Latrobe (Pa)	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg (Pa)	1.6 ESE;hwy W	960	30 S6	73 oct. P-line N,NE.
Lewis (Buckhannon, W.Va)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
Lexington (Va)	2.7 SW;hwy S	1200	17 S1	73 oct.P-line NE,SW.
(P) Louis Bennett (Weston,W.Va)	3.3 N;RR E	996	37	Hill S;pole line WNW.
→ LYNCHBURG Range (Preston Glenn)	206(LB)(116.1)	165°,1.9	SBRAZ-DTV	(4); 116.1 (Va)
Marlinton (W.Va)	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW.
MARTINSBURG Range (W.Va)	209(MR)(116.1)	35°,2.9	BMRLZ-DTV	(4); 116.1
Mayer (Pittsburgh, Pa)	10 WSW;RR S	770	16 S4	80 oct.P-line S.
Mexico Farms (Cumberland,Md)	3 S;RR E	630	36 S2	80 oct. Mtns E.
Moorefield (W.Va)	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
MORGANTOWN Range (W.Va)	269(MG)(116.1)	173°, 5.6	BMRLZ-DTV	(4); 116.1
(P) Morgantown (W.Va.)	2.2 ENE;hwy NW	1254	36h L3 S6	80,91 oct.
MT. PLEASANT FM (Pa)	(- -)	124°,24.7	FM	Pittsburgh
Narrows (Va)	1 E;RR S	1550	20 S2	Ltd 80 oct.Trees W.
NEW ALEXANDRIA FM (Pa)	(-)	85°, 30	FM	Pittsburgh
New Alexandria (Pa)	1.5 ENE;hwy N	1200	18 S4	80 oct. P-line N.
Orange Co. (Orange, Va)	4 E;hwy S		26 S2	80 oct. Data unver.
* Petersburg Int,29,CC-WA(W. (W. Va)	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
PITTSBURGH Range (Pa) (Allegheny Co.)	254(PT)(116.1)	85°,2.2	SBRAZ-DTV	(3); 116.1
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct. (Pa)
Pittsburgh-Greensburg (Greensburg, Pa)	2.3 SE;hwy N	1280	26 L3 S6	80 oct.Twr W.No bndry lgts.
Pitt-Wilkins (Pitcairn,Pa)	1 NNW	1200	17 S2	80 oct.
PRESTON GLENN Tower (Va)	248		C	(4)
(P) [Preston Glenn](Lynchburg,Va)	6.7 SSW;RR SE	935	40h L5 S6	80, 91 oct.
Ridgeway (Bunker Hill,W.Va)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.P-line SSW
Romney (W.Va)	2.1 NNE;riv W	750	16 S2	80 oct.Mtns WNW,ESE,SSE
Ronceverte (W.Va)	2 N;hwy SE	2175	18 S2	80 oct.
Salix (Pa)	0.6 S;RR NW	2200	24 S4	80 oct.
Scott (Tiltonsville,Ohio) (NC)	1.5 SSW;riv E	650	25	
Shenandoah (Va)	0.5 SW;hwy W		19 S1	Data unver.
Somerset (Pa)	2 NNE;RR SE	2200	27 S4	80 oct.P-line W.
Star Valley Arpk (Charleroi,Pa)	2 S;RR W;riv E	765	25 S1	80 oct.Bldg S.Data unver.
Staunton (Va)	4.4 NE;RR NW	1300	26 S6	80,91 oct.P-line NNE.
Stokes (Front Royal, Va)	2.5 W;riv E	735	19 S2	80 oct. P-line S,E.
(P) Stultz (Altoona, Pa)	10.7 NNE;RR N	970	35 S6	80,91 oct.P-line N.Rnwy
SUMMERHILL FM (Pa)	(- - - -)	281°, 22	FM	Altoona data unver.
* Sutton Int,21,CC-WA (W.Va)	3.6 ENE;RR W	1264	32 L3	
Timberlake (Lynchburg,Va)	9.5 SW;RR N	950	26	
Toronto (Ohio)	1.5 NW;riv E	1050	22	
(P) University of Va.(Charlottesville, Va)	5 ESE;riv E	300	35 S6	80,91 oct. Trees ESE.
Valley (Waynesboro, Va)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy
Vandergrift (Pa)	2 WNW;RR E	1000	21 S2	73 oct.P-line NW data unver.
Weirton (Hollidays Cove,W.Va)	1.5 E	1144	16h S6	80 oct. Data unver.
(P) Wheeling Ohio Co. (W.Va)	7.5 NNE;riv W	1193	50h L5 S1	80,91 oct.
Winchester (Va)	3 SSE;hwy E,S	700	22 S6	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALLEGHENY CO.			95°	IM-	MM-	OM-
					MMH 201 ·—·—· (0.80)	OMH-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bedford, (Pa.)	5.2 N jct of hwys	1187	18 S4	Fuel,Data unver.
→ WHEELING Range(W.VA)	108.3(WN)		VARW	
→ Tyrone Speedway (Pa)	4.2 SW;riv S	965	23 S4	80 oct.Mt.S.Trees WSW, N,ENE

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

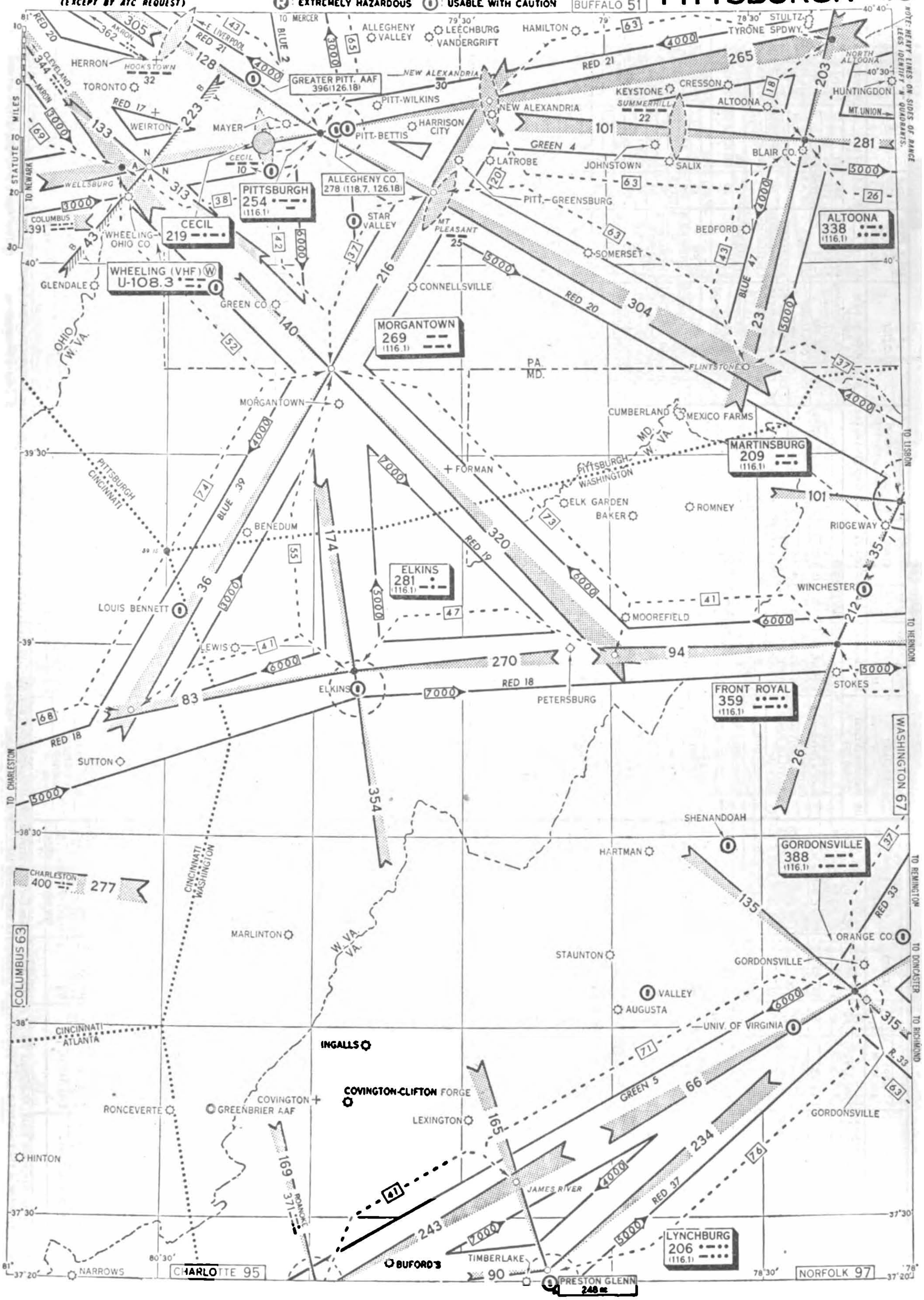
→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

BUFFALO 51

PITTSBURGH 65



DELAWARE

FACILITY	ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Bellanca (New Castle)	1.5 W	30	25h L1 S5	80,91 oct.Poles N.
Biggs (New Castle)	1 NW;rivSE	60	21 S2	80 oct. Riv S. NW.
Bridgeville	1.7 SE;hwyS,W	40	22 S6	80 oct.No sto.P-line
DOVER Tower				DECOMMISSIONED
Dover	1.4 ENE	34	19 S2	80 oct. P-line N.
Dover Arpk.	2.2 N;rdW	37	25 S2	80 oct.
(A) Dover AAF (A)	4 SE;hwyE	28	70h	TMP INACT.NO FACS
DuPont(Seaford)(NC)	0.8 WSW;RR NE	25	21	Poles NE.PRIV.RST'D
DUPONT Tower	388		CI	3105,3117.5,5582.5 (8-20 daily except Sun.)
DuPont(Wilmington)	3 WNW;RR E	185	29 R1 L4S4	80 oct. No sto.
(P) Georgetown	1.5 E;RR NW	51	50h	
Harrington	1.8 E;RR W	50	25 S2	80 oct.
Holly Brook(Laurel)	1.5 N;RR,hwyW	40	25 S1	80 oct. P-line SE
Laurel	1.5 SW;hwy E	30	19 S2	80,91 oct. cept on req.
NEW CASTLE Range	350 (NC)	19°,2.8	MRLZ	Replies on twr freq ex-
NEW CASTLE Tower	219 (118.5)		CI	(4);116.1,118.5,122.5
(NG) New Castle County (Wilmington)	4.8 SW;hwy SE	75	70h R2 L5 S1	73,100 oct NG,emerg repairs only for mil acft
Rehoboth Beach Aircrafters	2.5 W;hwy N	10	35 L S6	80,91 oct.Obsts sur fld.Port rnwy lgts.
Sussex (Frankford)	1.5 N;hwy W	30	20 S4	80 oct.Port flares on req.

DIST. OF COLUMBIA

WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1

MARYLAND

Aberdeen Arpk.	1 SW		21 S4	73,100 oct.Data unver.
Aldino(Churchville)	2.2 NE;RR SE	400	20 S6	80 oct.
Andelot(Worton)(NC)	4 WNW;bay W	25	20	Trees N.
ANDREWS Range (Camp Springs)	248(DCM)	10°,1.2	MLZ	
ANNAPOLIS Tower	2870(142.74)		CN	3105,2870,6420;142.74 (7-17)
Annapolis	2 SE		18h S4	80,91 oct.No sto.Data
BALTIMORE Range	257(BO)(116.1)	12°,2.4	BMRLZ-DTV	(3);116.1 unver.
BALTIMORE Tower	278(118.9,126.18)		C	(4);118.9,122.5,126.18
(NG) [Baltimore Mun.]	6 SE;RR NE Harbor S	14	46h R2 L5 S6	Ltd 100 oct,no maint; NG.Rdo rqrd.Stacks
BELTSVILLE FM	(-)	41°,17.6	FM	Washington,D.C. N,SE
C.A.P. Base (Westminster)	2.6 N;hwy E	780	20 S4	80 oct.P-line E, NE.
Delmarvia(Salisb'y)	2.8 NE;hwy W	45	21 S6	80 oct.P-line N,E,NE.
DONCASTER FM	(. . - - -)	209°,24.7	FM	Washington, D.C.
(P) Easton	2.2 N;RR E	66	40h L S4	80 oct.No sto.Port lgts
(A) Edgewood Arsenal(A)	1.3 S	18	50h L5 S4	91,100 oct.No bcn.CLSD
Faybrook(Rock Hall)	1.5 NNW;bay W	20	14 S4	80 oct.Trees WNW,NNE
Frederick City	1.8 E;riv N,E	305	49	(Frederick)
Glenburnie-Whipp Seaplane Anchor.	1 E;hwy W	56	26 S6	80 oct.
Hagerstown	4.2 N;RR W	700	39h L3 S4	80oct.Fldlgts prior req
Hickman(Ocean City)	7.5 NW;rivS	15	25 S4	80,91 oct.Flares
Kent (Worton)	1 N;RR S	60	23 S2	80 oct. on req.
Lee Annapolis (Annapolis)	4.8 WSW;hwy E	30	28 S1	73 oct.P-line ESE. Rnwy data unver.
MARTIN Tower	317		CI	(4)(8-sunset,Mon-Fri)
Martin (Baltimore)	10 E;RR N	18	70h R1	PRIVATE.
MEEKINS NECK FM (Navy)	(-)	57°,16	FM	Patuxent River.
PATUXENT RIVER Navy Range	215(NHK)	57°,4.4	MRLZ-D	(3); 142.74
PATUXENT RIVER Tower	347 (142.74)		CN (GCA)	(3); 142.74
(N) Patuxent Riv NAS(N)	2.9 NE Jarboes	38	97h R2(L6)S4	91,100 oct.JP-1.NATS.
PHILLIPS Tower	215(126.18)		CA	(3);126.18 (8-18 Mon. Fri.8-1630 Sat.& Sun)
(A) Phillips(Aberdeen)	3.2 S;RR W	57	50h R1 L5 S1	100 oct.CLOSED.(A)
Pimlico(Baltimore)	6 NW;hwy SW	449	32 S6	91,80 oct.
(N) Piney Point	0.8 WNW	10	14h S1	73 oct.Use rnwys only
Rutherford(Baltimore)	7 W;RR W	500	23 S6	80 oct. Twr N.
Salisbury	5.3 ESE	52	50h L5 S1	91 oct.Lgts prior req.
Shady Side (NC)	1.8 SSW	10	15	P-line SSW,RR W
Stevens(Frederick)	5.8 N;hwy E	440	28 S6	80 oct.Trees SW,S,W.
Taneytown	2.9 WNW	500	20 S4	80 oct.P-line S,SW,W
Webb (Easton)	2.5 E	50	26 S6	80 oct.No sto.P-line S,
WEBSTER Tower	3345 (142.74)		CN	3105;142.74 (24 SE hrs.advance notice)
(N) Webster (Priest Point) (N)	1.5 W Ingoes	21	50h R1 S1	Ltd100 oct.JP-1 on req

NEW JERSEY

Alexandria(Pittst'n)	2 WNW;lk NE	340	18 S4	80 oct.No sto.Trees
Buck's (Bridgeton)	3.7 NNE;RR S	100	18 S4	80 oct.P-line S,W,NE
Greenwich	2.5 W;rivSW	30	21 S6	73,80 oct.Trees N.
Kroelinger(Vineland)	2.5 NNW;RR E	100	19 S6	80 oct.P-line S,E
MILLVILLE Range	365(NV)(116.1)	144°,4.3	SBRA-DTV	(4); 116.1
(P) Millville	3.3 SW;lk N	68	50h R1 L5 S6	80,91oct,Fldlgts on req.
Penns Grove	3 SE;riv W	10	22 S2	73 oct.P-line W,SSW.
Salem	2 ESE;rdS	15	22	CLOSED.
Woodstown(Auburn)	1.5 SSE;RR E	100	20 S1	80 oct.P-line N,NE.

PENNSYLVANIA

[Allentown-Bethlehem](Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only.Fld lgts pri req.
Berks (Reading)	4.5 NW;hwySW	360	23 S4	80,91 oct.Hill NW.
Bethlehem-Easton (Easton)	4.5 SW;riv S	360	23 S6	80,91 oct.No sto. P-line sur fld.
BOOTHWYN FM.	(- - -)	260°,9.5	FM	Philadelphia.
Cargill(Granville)	1.5 SW;RR SE	490	23 S2	73 oct.Obsts sur fld.
CARLISLE FM	(- - - -)	284°,18	FM	Harrisburg.
Carlisle	1.8 WSW;RR N	480	23 S2	80 oct.
Centerville(Carlisle)	11.3 SW;RR N	660	23	Trees E,NE. (NC)
Chambersburg	1.2 SSE;RR SW	650	22 S6	80 oct.E/W strip rough
Coatesville	1.6 W;RR S	623	26 L1 S4	80 oct.Obsts sur fld.
Convair(Allentown)	3 SSW	399	40h	
Devener(Hanover)	2 NNE;hwy W	590	20 S6	73,80 oct.
Doersom(Gettysb'g)	2.4 NW;RR N	590	19 S6	73 oct.Pwr line NE.
Estler(Mohrsville)	3.5 W;pond W	390	22 S6	Ltd 80 oct.Trees W.
Fogelsville	0.7 E;RR SE	460	22 S4	80 oct.No sto.P-line SW
Gettysburg	2.8 NNW	600	24 S3	80 oct.No sto.RR SW.
HARRISBURG Range	242(HX)(116.1)	118°,1.1	SBRAZ-DTV	(3); 116.1
HARRISBURG Tower	278		C	(4); 116.1,122.5
(N) [Harrisburg State]	3.5 S;RR N	344	40h R2 L5 S4	80,91 oct.Svcg days NATS
Hershey	1.1 NNW;RR S	415	21 S2	80,91 oct.
Kutztown	1.5 S;RR SE	400	25 S4	73 oct.
Lancaster	1.5 NNW;RR SW	320	26 S6	73,80 oct.Pwr line W
Lancaster,35,CO-PG	5.5 N;hwy W	385	27h L4 S4	80 oct.Poles S,WSW.
Layfield(New Hanover)	2 NE;hwy W	320	17 S6	80 oct.Trees NE.
Lebanon Co.(Myerstown)	1.8 W;hwy S	525	17 S5	80 oct.
Lewistown	4 SW;riv SE	560	19 S6	80 oct.Wded hill NW.
Madeira(Reading)	3.2 N;RR W	360	20 L S6	80 oct.Port flood lgts.
MIDDLETOWN FM	(- -)	118°,9	FM	Harrisburg.
Millard(Annville)	1.5 SW	480	18h S5	80,91 oct.
(P) Mount Union	4 S;hwy E	560	30 S4	80,91 oct.
New Hanover	0.5 W;hwy SE	320	30 S6	80,91 oct.Rnwy data unver
OLMSTED Tower	396(126.18) +		CA:45,05	(4); 126.18
(A) Olmsted(Middletown) (A)	1 W;RR N	300	50h R1 L5 S6	62-100 oct.JP-1.Poles N,NE. Riv S.
Penn-Harris (Harrisburg)	4 ESE;RR N	400	18 L S6	80,91 oct.Flood lgts.
PHILADELPHIA Rng (Southwest)	266(PG)(116.1)	97°,3	SBMRAZ-DTV	(4); 116.1
Philadelphia Main Line (Paoli)	2.8 WNW;hwy S	310	21 S4	No fuel.P-line ESE.
Pottstown	4.5 E;hwy N	311	30 S6	80 oct.Bldg NW.
(A) [Reading]	3 NW;riv E	342	52h L6 S6	80,91 oct.B-2 lgts prior req.
Reigel(Campbellt'n)	1 N;hwy N	475	20 S4	80 oct.
Schuylkill(Pottsv'l)	8.3 ESE;lkSE	510	29 L S6	80 oct.Port rnwy lgts. Hills E,NE,SW
SEVEN VALLEYS FM	(- - -)	172°,25	FM	Harrisburg
Sky View Acres (Muncy)	1 E	510	24 S4	Data unver
Sunset Arwys (Chambersburg)	3.5 NNE;rd E,S	650	25 S1	80 oct.P-line E,NNW.
Swatara Valley	4 WSW;RR N	480	21 S4	80 oct. (Pine Grove)
Taylor(New Kingston)	0.5 SE;hwy N	440	28 S6	80 oct.P-line N.
Valley Arpk(York)	3 ENE;RR N	420	21 S6	80 oct.Poles SSE,
Waynesboro	3 SE;hwy N	700	20h S6	80 oct. NNW.
West Chester	2.5 NE;lk S	470	32 S4	80 oct.
Womelsdorf	3 NW;hwy E	540	13 S1	73 oct.
York	8.3 WSW;RR E	500	19 L S6	73,80 oct.Flood lgts. Pole N.

VIRGINIA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
ARCOLA Range	233 (EC)		SRAZ	(4)
Blue Ridge (Herndon)	4 WSW;hwy NE	280	30	P-line E.
Central(Richmond)	2.5 ENE;RR W	172	45 S6	80 oct.Poles WNW,SE.
CHESTER FM	(- -)	218°,9.15	FM	Richmond
CHINCOTEAGUE Navy Range	227 (NKZ)	98°,4.5	MRLZ	3105,4495; 142.74 (V-7-24)
CHINCOTEAGUE Twr	3295(142.74)		CN	(3); 142.74 (8-17)
(N) Chincoteague NAAS	4.5 WNW;hwy S	38	60h R2 L5 S4	100 oct. (N)
Currell's(Weems)	1 N;jct or rivs		17 S1	80 oct.P-line SE.Use strips only.Data unver.
DAHLGREN Tower	375(142.74)		CN	(3);142.74(8-16 except
(N) Dahlgren NAF Proving Grnds.(N)	0.5 E	20	40h R1 L5 S2	100 oct,CLSD. Sun.)
DAWN FM	(- - - -)	3°,25.1	FM	Richmond
Harcum (NC)	0.2 NW	85	40	Poles,Rnwy data unver.
Hermitage(Richm'd)	3.2 NNW;RR W	200	20 S6	80 oct.Trees,poles E,W
HERNDON FM	(- - - -)	317°,21.8	FM	Washington, D.C.
Hummel (Greys Pt.)	3 NE Harmony	30	21	Obsts sur fld. (NC)
Johnson(Ononcock)	1 ESE;RR E	35	22 S1	80 oct.
Kellam(Weirwood)	0.3 SW;RR E	15	20 S1	73 oct.Trees NE,SE.
Leesburg Arpk.	0.7 ESE	280	26 S6	80 oct.P-line NE.
* Lively Int,6,NW-WA	3.4 WSW;riv W	15	34 L3	35' trees,bldgs NW.
Manassas	2.7 NW;RR S	250	21	P-line SW,SSE.
(P) Melfa Flgt Strip	1.3 W	48	70h	
Midway (Chester)	2 E;hwy S	178	26 S2	80 oct.20-50' trees E.
* Milford Int,49B,AG-LG	1.5 S;RR W			ABANDONED.
MT. VERNON FM	(. . - - -)	209°,8.2	FM	Washington, D.C.
MT. VERNON H Fac.	269 (W)	209°,8.2	FMHW	Washington, D.C.
Northfield(Richm'd)	3 N;hwy W	197	20 S4	80 oct.
Parksley	0.6 WNW	25	18 S4	80 oct.
QUANTICO Navy Range (MCAS)	203 (NYG)	20°,4.6	MRLZ	3105,4495
RICHMOND Range (Bryd)	260(RW)(116.1)	20°,1.9	SBRAZ-DTV	(3); 116.1
RICHMOND Tower	See Byrd Fld under "New Facilities" - name changed			
(A) [Richmond AAB](A)	See Byrd Fld under "New Facilities" - name changed.			
Shannon(Fredericksburg)	1.6 SSE;riv E	50	23 S6	80 oct.
(A) Tappahannock Flgt Strip (A)	0.8 W	30	40h	8000' strip avail. * CLOSED.
(P) West Point	2.3 ESE	24	50h S4	80,91 oct.Riv SSW.
Zieger(Warrenton)	3.7 S;hwy NE	440	20 S2	80 oct.Hill W,NW.

WEST VIRGINIA

(P) Martinsburg	4 S;hwy W	550	50h R1 L5 S6	80,91,100 oct.
North End (Martinsburg)	2.5 NNE;RR W	515	28 S2	80 oct.Pole line S.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
(BYRD)	109.9		63°	IM- ••••••(0.17)	MM- •-•-(0.90)	OM- — — (4.36)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Emmaus (Penna)	0.5 NW		20 S4	80 oct, Data unver.
Grimes (Bethel,Pa.)	1.7 ENE;hwy S	582	29 S6	80,91 oct.No sto.Mtn NE
(A) Byrd Fld (Richmond, Va.)	7.3 ESE;RR S	167	50h R3 L5 S4	73,100 oct.
BYRD Tower(Richmond, Va)	396(126.18, 118.7)		AC (ILS-W)	(4);122.5,118.7,126.18
Phoenixville (Pa)	3 NE	300	24 S4	Data unver
Rock Hall (Md.)	2.4 NNE;hwy W	30	30 S4	80 oct.
Stowe-Pottstown (Pottstown,Pa)	1.7 NW	245	26 S6	80 oct,P-line S
Blackwood (N.J.)	0.5 ESE;hwy W	65	26 S4	80 oct.No sto.P-line N, N/S usable emerg.
BRANDYWINE Range (Md.)	379(BDW)		SMRLZ-D	
Paoli-Malvern Arpk (Malvern,Pa)	1.3 SSE	460	24 S4	80 oct.Trees NE,SE,SW.
Pilot's Haven (Newark,Dela)	2.5 SE;RR E,W	65	22	Private,Brush NW.
Red Lion (St. Georges,Dela)	3.2 N;hwy W	50	19 S4	80 oct.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. ➡ A.C.S.: Scheduled broadcast on 4765 kcs (first figure is scheduled time, second alternate time)

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page X(II)-➡ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized

WASHINGTON 67

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

(R) EXTREMELY HAZARDOUS

(O): USABLE WITH CAUTION

HARRISBURG 242 (116.1)

MT UNION

CARLISLE 18

HARRISBURG STATE 278

SYRACUSE 53

SCHUYKILL

ALLENTOWN-BETHLEHEM

FOGELSVILLE

ESTLER

KUTZTOWN

SWATARA VALLEY

GRIMES

BERKS

CONVAIR

BETHLEHEM-EASTON

ENNAUS

ALEXANDRIA

PENN-HARRIS

WOMELSDORF

LEBANON CO

LAYFIELD

MADEIRA

NEW HANOVER

READING

HERSHEY

MILLARD

REIGEL

MIDDLETOWN

STOWE-POTTSTOWN

POTTSTOWN

LANCASTER MUN

ALLENTOWN 320

FOR DETAILS IN THIS AREA SEE CHART 69

TAYLOR

CARLISLE

OLMSTED AAF 396 (112.8)

LANCASTER

MAIN LINE

COATESVILLE

W.CHESTER

SUNSET AWYS

CHAMBERSBURG

VALLEY

YORK

SEVEN VALLEYS

GETTYSBURG

DOERSON

N.Y. WASH.

DEVENER

NEW FREEDOM

LANCASTER

NEW CASTLE CO. 219 (118.5)

DU PONT

PENNS GROVE

PHILADELPHIA 266 (118.1)

WAYNESBORO PA.

MD.

HAGERSTOWN

TANEYTOWN

BIGGS

WOODSTOWN

NORTH END

CAP BASE NO 332

MARTINSBURG

STEVENS

ALDINO

NEW CASTLE 350

ABERDEEN

BELLANCA

KROELINGER

PHILLIPS AAF 215 (126.1)

BUCK'S

FREDERICK CITY

PINLICO

RUTHERFORD

SHALLCROSS

GREENWICH

SMYRNA

MARTINSBURG 209

EDGEWOOD ARSENAL AAF

MILLVILLE

LEESBURG

LISBON

MARTIN 317

KENT

BALTIMORE 278 (118.9, 126.1)

BALTIMORE 257 (116.1)

MILLVILLE 365 (116.1)

FAYBROOK

DOVER

DOVER AAF

SUNGLO

HARTLY

DOVER AIR PARK

BELTSVILLE

HERNDON 22

FRONT ROYAL 359

BLUE RIDGE

ARCOLA 233

GLENBURNIE WHIPP

ANNAPOLIS

CENTERVILLE

HARRINGTON

NAF. ANNAPOLIS 287.0 (142.7)

EASTON

WEBB

LEE ANNAPOLIS

MANASSAS

ALEXANDRIA

MT VERNON

WASHINGTON 332 (116.1)

ZIEGER

DE VRIES

BRIDGEVILLE

REHOBOTH

GEORGETOWN

NAS. PATUXENT RIVER 215

HOLLY BROOK

LAUREL

SUSSEX

PORTSMOUTH 371

CHESTER

BARLINGS

TO NORFOLK

DONCASTER 25

MCAS. QUANTICO 203

BRANDYWINE 379

NAF. DAHLGREN 375 (142.7)

NAS. PATUXENT RIVER 347 (142.7)

WEBSTER

PINEY POINT

TAPPAHANNOCK

DAWN 25

BYRD 396 (118.7, 126.1)

RICHMOND 260 (116.1)

WEST POINT

LIVELY

CURRELS

PARKSLEY

JOHNSON

MELFA

KELLAM

NORFOLK 97

NAAS, CHINCOTEAGUE 227

NAAS, CHINCOTEAGUE 329.5 (142.7)

DELMARVIA

SALISBURY

HICKMAN

POCOMOKE

NEW YORK 71

HERMITAGE

NORTHFIELD

CENTRAL

GORDONSVILLE 388

SHANNON

GREEN 5

AMBER 7

RED 37

RED 33

RED 20

RED 18

RED 45

RED 17

RED 21

RED 39

PITTSBURGH 65

PHILADELPHIA 65

NEW YORK 71

DA

RADIO

DIST. OF COLUMBIA

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANACOSTIA NAS Tower	396(142.74)+		CN	(3);142.74(7-sunset & on req.)
BOLLING Tower	212(126.18, 137.88)+		CA	(3); 126.18,137.88
WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1
Washington Nat'l. Tower	278 (126.18, 118.5, 118.1)		AC (ILS-W)	(4);118.5,126.18,122.5 (GCA test basis)
MARYLAND				
ANDREWS Army Range	248(DCM)	10°,1.2	MLZ	
Andrews Tower	317 (126.18)+		CA(ILS-W)(GCA)	(3); 126.18
BELTSVILLE FM	(-)	41°,17.6	FM	Washington, D.C.
DONCASTER FM	(. . - - -)	209°,24.7	FM	Washington, D.C.
PENNSYLVANIA				
BOOTHWYN FM	(- - -)	260°,6.5	FM	Philadelphia
HOLMESBURG LFM	(- - -)	238°,6.5	LFM	NE Philadelphia
JOHNSVILLE Tower	284(142.74)		CN	3105 cont.;4495,6210;116.1, 126.18,140.58,142.74 on req. (8-1/2 hr. past sunset)
MUSTIN NAAF Tower	251 (126.18, 142.74)		CN	(3); 126.18,142.74 (7-sunset, other hrs. on req.)
PHILADELPHIA SW Range	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia SW Tower	278 (118.1)		C	(4); 118.1
Philadelphia NE Range	371 (NF)	238°,2.8	MLWZ-DT	
Philadelphia NE Tower	212		CI	(4)
WILLOW GROVE Navy Range	391 (NXX)	241°,3.35	MRLZ	(3); 142.74
Willow Grove NAS Tower	356 (142.74)		CN	(3); 142.74 (days only except on 1 hr's advance notice)
WINGS Tower	278		CI	3105 (9-17)
VIRGINIA				
ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
HERNDON FM	(- - - -)	317°,21.8	FM	Washington, D.C.
MOUNT VERNON H Fac	269 (W)	209°,8.2	FMHW	Washington, D.C.
MOUNT VERNON FM	(. . - - -)	209°,8.2	FM	Washington, D.C.
QUANTICO Navy Range	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
Quantico MCAS Tower	3295 (142.74)		CN	(3); 142.74
NEW RADIO FACILITIES				
→ BRANDYWINE Range (Md.)	379(BDW)		SMRLZ-D	

INSTRUMENT LANDING SYSTEMS

(Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ANDREWS (A)	110.3	335	10°	IM- (0.05)	MM- (1.20)	OM-
					MMH- 379	OMH-
→ PHILADELPHIA SW	109.9	333.8	85°	IM-	MM- (0.66)	OM- (5.66)
					MMH- 230	OMH-
WASHINGTON	109.9	333.8	360°	IM- (0.03)	MM-	OM- (3.60)
					MMH-	OMH-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

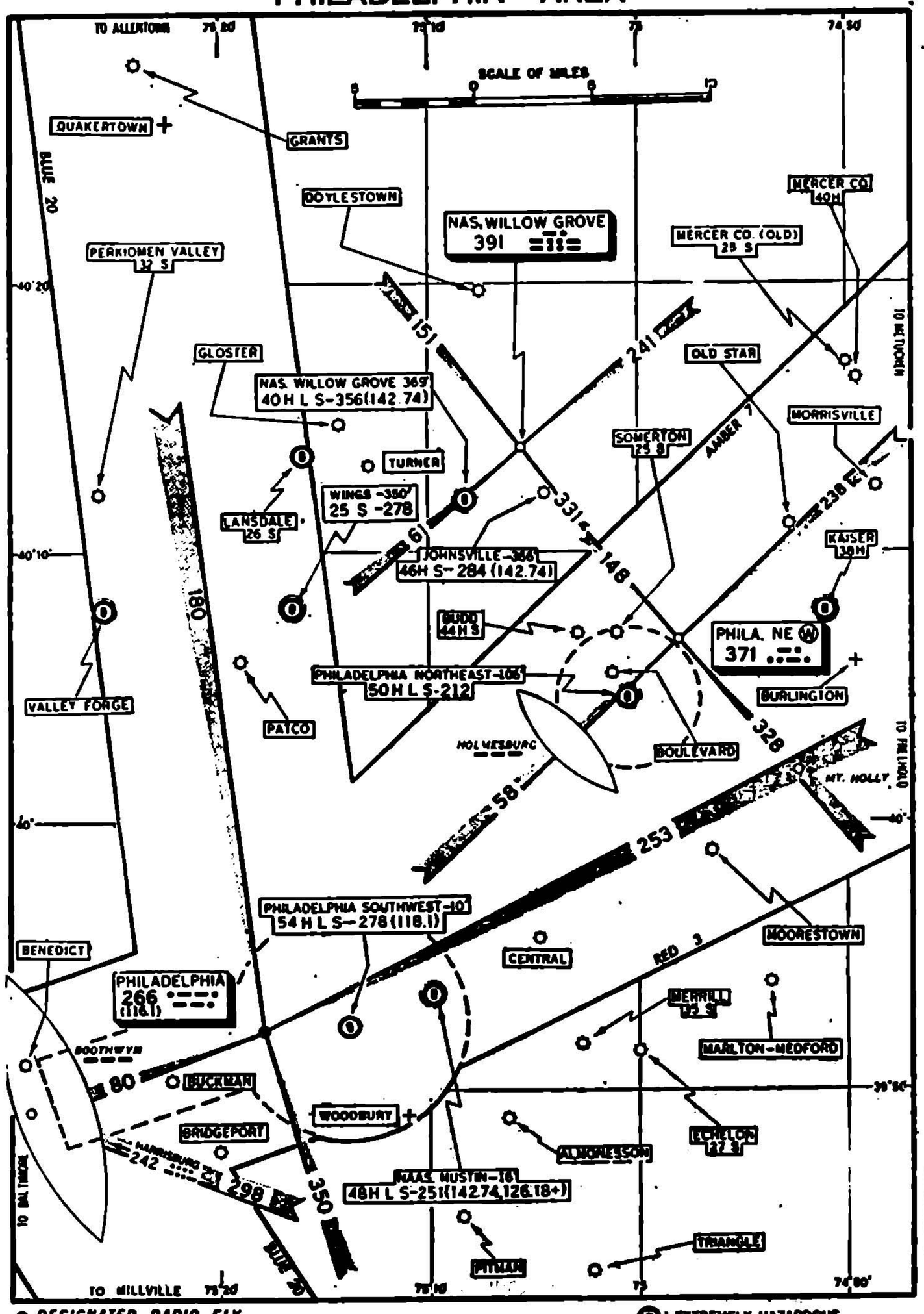
AIRPORTS

DIST. OF COLUMBIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Anacostia NAS (Washington) (N)	2.4 SE of Monument	8	50h R1 L5 S4	100 oct. No bcn.
(A) Bolling (Washington) (A)	3 SSE of Monument	20	60h R1 L5 S6	73,100 oct. Ridge E.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct. JP-1 on req. FOREIGN CLEAR. STN. NATS
MARYLAND				
(A) Andrews (Camp Springs)(A)	1.5 E	279	55h R3 (L6) S4	80, 100 oct. JP-1.
(N) Beltsville OLF (N)	5 ESE	180	40h	Fld open 0500-1530 daily
Capital (Berwyn)	2 NW; RR E	70	20 S4	80 oct. Pole line S.
College Park	8.5 NE of D.C.	50	22 S6	80 oct. Hill SE. RR NW.
Columbia Air Ctr. (Croom)	3 E; RR W	40	20	Trees N, NNW.
Congressional (Rockville)	2 SSE; hwy E	450	32 S6	80 oct. Pole line E, NE.
Curtis (Brandywine)(NC)	3 SSW; RR E	200	18	Pole line N, W.
Erco (Riverdale)	0.4 NE; RR W	50	15h S1	80 oct. Trees E, NE, SW
(A) Fort Meade (A)	0.5 NE ctr of reservation	180	20h	
Hyde (Clinton)	2 WSW	249	32h S6	80, 91 oct. Trees WNW, NE.
Maryland (Pomonkey)	0.2 S; RR S	170	32 S6	80,91 oct. Rnwy data unver.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct.
Schrom (Greenbelt)	0.3 SW; hwy W	177	27h S6	80 oct. Trees NW, SE.
NEW JERSEY				
Almonesson	0.6 NNW	50	18 S6	73 oct. Pole line NNE, SSE.
Bridgeport	0.8 ESE; RR N	23	18 S4	80 oct.
→ Burlington Airpark	1.7 NE; Hwy NNW	30	24 S4	80,91 oct. P-line E,SE,NNW.
→ Central (Camden)	1.8 E; riv S,W	20	25h L4 S5	80,91 oct.
Echelon (Ashland)	0.5 SE; RR W	100	27 S6	80, 91 oct. Pole line NW.
Marlton-Medford Inc. (Marlton)	1.5 ENE	80	30 S2	80 oct.
Mercer County, new (Trenton)	5 NW; RR SE	211	40h	
Mercer County, old (Trenton)	5.8 NW; RR E	200	25 S1	73, 80, 91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35 S6	80 oct. No sto. Obsts sur fld.
→ Moorestown	1 NNE; RR S	70	18 L S4	80,91 oct. Port rnwy lgts on req.
Pitman	1.6 NNW; RR E	100	17 S6	80 oct. Pole line S, SSW.
Triangle (Glassboro)	4.3 ENE	150	18 S2	80 oct. Pole line SW.
PENNSYLVANIA				
Benedict (Chester)	6.5 W	400	26 S2	80 oct. Data unver.
Boulevard (Philadelphia)	12 NE; RR SW	160	22 S4	80 oct. Obsts sur fld.
Buckman (Chester)	2.3 WSW; RR NW	90	20 S4	80 oct. No sto.
Budd (Philadelphia)	12.5 NE; RR N	240	44h	
Doylestown	1.5 NNE; RR SW	400	22 S6	80 oct.
Gloster (Montgomeryville)	0.7 SE; hwy W	460	22 S1	80 oct. Pole line SE,S,W.
Grants (Quakertown)	4 WNW; hwy E	600	18 S6	80 oct.
(N) Johnsville (N)	0.8 NW; RR E	366	46h R1 S4	91,100 oct.
Kaiser (Bristol)	2 N; riv SE	35	38h	Pole line SW. RESTRICTED.
Lansdale	1.6 ESE; hwy SE	450	26 S6	80,91 oct. No sto. Poles NE.
Morrisville	1.6 W; riv E	180	28 S4	80 oct.
(N) Mustin NAAS (Philadelphia)(N)	4 S; riv S	16	48h R1 L5 S6	100 oct. Pole line NE.
Old Star (Langhorne)	2.4 E; RR N	180	24 S5	80 oct. No sto. Poles N, S.
Patco (Norristown)	2.5 SE; bet RRs	200	19 S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE; rds NE	280	32 S6	80 oct. Obsts sur fld.
(P) Philadelphia Northeast	12.2 NE; hwy W	106	50h R3 L5 S1	80,91 oct.
PHILADELPHIA SOUTHWEST	6.5 SW; riv SW	10	54h R2 L6 S6	82,91 oct. Rdo rec rqrd.
Quakertown	2 W; hwy E	520	21 S4	80 oct. No sto.
Somerton (Philadelphia)	14 NE; RR N,E	200	25 S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW; riv NW	250	24 S6	80 oct. Riv SE.
(N) Willow Grove NAS (N) NATS	4 NNW; hwy E	369	40h R2 L5 S4	91,100 oct. No sto.
Wings (Ambler)	3 WSW; rds E,W	350	25 R1 S6	80,91 oct. Trees N,S.
VIRGINIA				
Beacon (Alexandria)	3 SSW; hwy E	240	24 L1 S6	80 oct. No sto. Pole line S.
Crossroads (Alexandria)	4.5 NW; RR E	250	20 S1	Ltd 80 oct.
Falls Church Airpark	1.9 SW	350	26 S6	No sto. Data unver.
Hybla Valley (Alexandria)	See Alexandria under "New Airports" - name changed.			
(N) Quantico MCAS (N)	1.2 SSW; RR W	10	42h R2 L5 S6	73,91,100 oct.
Springfield (Annandale)	3.5 SSE; RR E,N	240	20 S4	80 oct. No sto. Obsts sur fld.
NEW AIRPORTS				
Woodbury (N.J.)	2 S		20 S4	80 oct. Data Unver.
Alexandria, (Va.)	4.5 SSW; hwy E	66	50 S6	80 oct. Trees, pole lines sur field.
Turner (Lansdale, Pa.)	4.2 ESE	375	19 S6	80 oct.
→ Worth (Florence, N.J.)	1 SE; riv N	50	24 S4	80 oct. P-line WSW, NW. Trees S.
→ Mt Holly (N.J.)	1 N; rd N	70	22 S1	80 oct. Use strips only.

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

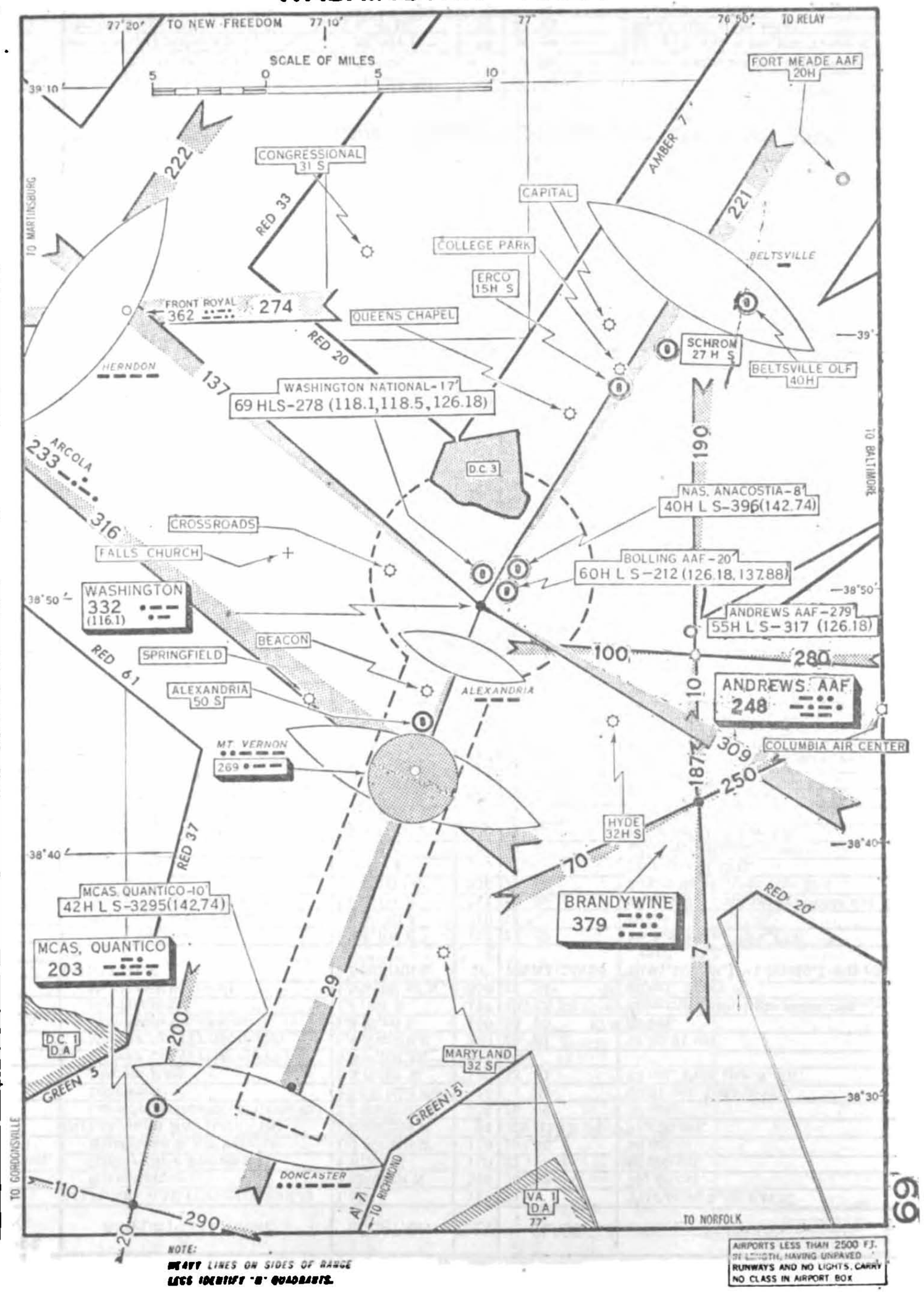
PHILADELPHIA AREA



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION

WASHINGTON AREA



NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
NEW JERSEY			
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
ATLANTIC CITY NAS	275(142.74)	CN(GCA)	(3): 142.74 (8-sunset)
CALDWELL-WRIGHT	254 (126.18)	CI	(4);126.18,122.5 (830-sunset, Mon-Sat,9-sunset Sun)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3,25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 222°, 47.5	La Guardia, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. . - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV;58°,1.0	(3); 116.1
Newark Airport	278(126.18,118.3)	AC(ILS-W)	(4); 122.5,126.18,118.3
TETERBORO (Bendix)	326	CI	3105,6210,3117.5;122.5
NEW YORK			
CLASON POINT LFM			DECOMMISSIONED
FLATBUSH	353 (F)	FMHW;222°,16.1	La Guardia
FLATBUSH FM	(- - -)	FM, 222°,16.1	La Guardia
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	388(142.74)	CN(GCA);122°,1.9	(3);142.74 (8-17)
Floyd Bennett Fld NAS	532(NSC)	MHW;122°,3.0	
GRUMMAN (Bethpage,L.I.)	323	CI	(8-1630,Mon.-Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°,2.3	
LA GUARDIA (New York)	209(LG)(116.1)	SBRAZ-DTXV;222°,3.2	(3);116.1
La Guardia Field	362(126.18, 118.1,118.7	AC (ILS-W)	(4);126.18,118.1,118.7,122.5, & airline freqs.
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays)
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAZ-DT;301°,3.2	(3)
Mitchel Field	396(126.18) +	CA(ILS-W)(GCA)	(3);126.18(approach control)
NEW YORK (La Guardia)			DECOMMISSIONED
NEW ROCHELLE FM	(-)	FM, 42°, 5.6	La Guardia
NEW ROCHELLE	275 (R)	FMHW;42°,5.6	La Guardia
PORT CHESTER FM	(- -)	FM; 42°, 16.5	La Guardia
REPUBLIC FIELD(Farmingdale)	371	CI	(3) (days only)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5.0	Floyd Bennett
PENNSYLVANIA			
PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.8	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LA GUARDIA	109.5	333.8	44°	IM- ·····(0.04)	MM- ·-·-(0.81)	OM- --(4.49)
					MMH-233 ---	OMH 317 ·-··
MITCHEL(L6)(A)	110.3	335	301°	IM- (0.04)	MM- ·····(0.87)	OM- --(4.14)
					MMH-257 --	OMH-272 ·--
NEWARK (L6)	110.3	335	58°	IM-	MM- ·-·-(0.61)	OM- -- (4.64)
					MMH-201 ·---	OMH-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + —Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NEW JERSEY				
Acro-Marine Terminal (Keyport)	1 NE;RR S			ABANDONED.
Acft.Radio Corporation (Boonton	2.6 N;riv S	550	32	Poles N,E.PRIVATE.
Asbury Park Air Terminal	4.5 W;rd N	100	21 S4	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	91,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N,E	100	20 S4	80 oct. Pole line NNE.No sto.
Clarke (Ocean City)	2.8 SW;RR SE	8	23	
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	
Downstown (Landisville)	1.8 WNW;RR S	120	23 S1	80 oct. Pole line N.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.Rnwy data unver.
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.
Hackettstown	2 SSW;RR N	560	30 S2	73, 80 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80 ,91 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S4	91,100 oct.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.5 SE;lake NW	26	S4	80,91 oct. Data unver.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	40h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;rd E	180	30 S5	80 oct.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto. Lgts prior req.
Murchio (Paterson)	4.5 WNW;rd N	350	32 S4	80 oct. Trees N.
(A) NEWARK	3.5 SSE;RR E	18	79h R3 (L6) S6	80,91,100 oct.JP-1.No sto.2-way rdo rqrd. FEE
North Brunswick	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.5 W;RR S	380	19	Poles N,S.
Ocean Co. (Adamston) (NC)	1 SW;riv N	14	30 S6	80,91 oct. Data unver. Obsts sur fld.
Pennington	2 ESE;RR W	230	20 S6	80 oct.No sto.Pole line ESE.
Princeton	3 N;riv E	160	27	Pole line E,ESE.
Red Bank	1 S;RR E	80	25 S6	80,91 oct. Pole line W.
Shinn-Woodbridge (Woodbridge)	3.9 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;RR W	20	19	Pole line WNW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	50 L S6	80,91 oct, Data unver.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on req.Rnwy data unver.
Trenton (NC)	6 NE;RR 1 SE	70	15	Restricted to USFS.
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h	Obsts S.
(P) Woodbine	2 SE	39	25h	Trees sur fld. At jct of RRs.
NEW YORK				
Bender's-Brentwood (Brentwood)	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)(N)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. NATS
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	119	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
(P) Mastic Flight Strip	2.6 NW	66	40h	
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	85	54h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN
Nassau (Hempstead) (NC)	4.5 E;hwy N	80	21	CLEAR. STN.
Republic (Farmingdale)	1.3 ENE;RR N	82	66h R1	NE blckd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.
PENNSYLVANIA				
Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.
NEW AIRPORTS				
Aviation Country Club (Hicksville)(N.Y.)	2 S;hwy S	104	24 S6	80,91 oct.
Nassau Arpk (Clarksville,N.J.)	1 NE;RR SE	80	30 S4	80 oct.
Toms River, (N.J.)	1.5 NNE		19 S2	80 oct.Water tanks S.Data unver.
Worth (Florence,N.J.)	1 SE;riv N	50	24 S4	80 oct.P-line W,SW,NW.Trees S.
Mt Holly (N.J.)	1 N;rd N	70	22 S1	80 oct.Use strip only.
Buehl (Philadelphia,Pa)	18 NE;RR SE	110	24 S4	80 oct.Data unver.
General Motors (Linden,N.J.)	1 SE	23	42h	CLOSED.W,E,S,NW less than 10-1.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS

Ⓤ : USABLE WITH CAUTION

ALBANY 55

TO BRANCHVILLE

LAKE SUSQUEHANNA

TRINCA

ALLENTOWN 320

LINCOLN PARK Ⓤ

MURCHIO

AIRCRAFT RADIO CORP.

CALDWELL-WRIGHT 254 KC 126.18 MC

TETERBORO 326 KC

NEW ROCHELLE 275

PORT CHESTER

STEWART 236

TO HARTFORD

PATTERSON

YONKERS

LITTLE FERRY

NEW ROCHELLE

GLENCOVE

E. HANOVER

HACKETTSTOWN

MORRISTOWN

LA GUARDIA 362 KC 118.1, 118.7, 126.18 MC

LA GUARDIA 209 (116.1)

AVIATION COUNTRY CLUB

HICKSVILLE

GRUMMAN 3 KC

CARLL

MASTIC

MACARTHUR 278 KC

NEWARK 341 (116.1)

NEWARK 278 KC 118.3, 126.18 MC

HOLMES 233

FLUSHING

GREAT NECK

ROOSEVELT

REPUBLIC 371 MC

ZAHNS

SYRACUSE 53

SOMERSET HILLS

LEBANON 32

WESTFIELD

ELIZABETH

MASPETH 317

FLATBUSH 16

MITCHEL AAF 396 KC 126.18 MC

FITZMAURICE

C.A.

NW JERSEY

ALLENTOWN 320

SOMERSET

SHINN-WOODBRIDGE

FLATBUSH 353

COLUMBIA

IDLEWILD (W) 248

MITCHEL AAF 227

NEW YORK

GENERAL MOTORS

HUGHES

STATEN IS.

CONEY ISLAND

ROCKAWAY

ROCKAWAY 5

SOLBERG-HUNTERDON

HADLEY

MITCHEL

LONG BEACH

FLOYD BENNETT 379

NAS. FLOYD BENNETT 532

NO. BRUNSWICK

METUCHEN 13

YELLOW BLUE

PRINCETON

MATAWAN (W)(VHF) 108.7

NAS. FLOYD BENNETT 388 KC 142.74 MC

AMBROSE

PENNINGTON

RED BANK

MERCER CO.

NASSAU

MERCER CO. (OLD)

FREEHOLD 48

HIGHTSTOWN

ASBURY PARK

ASBURY PARK 20

OLD STAR

MORRISVILLE

SKYHAVEN

MONMOUTH CO.

PHILA. NE(W) 371

KAISER

BURLINGTON + WORTH

LAKEWOOD

CASSVILLE 3

NAS. LAKEHURST 3295 KC 142.74 MC

PHILADELPHIA 236

MT. HOLLY

FORT DIX AAB

TOMS RIVER

MORRISTOWN

NAS. LAKEHURST 520

FORKED RIVER 15

FORKED RIVER

MILLVILLE 365

EXTENSIVE FLEET AIR OPERATIONS IN OFF-SHORE AREA TO APPROX. 100 MI. SEAWARD. N. BOUND. U. S.-CANADIAN BORDER. S. BOUND. LAT. 35-00

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "M" QUADRANTS

REMAIN ABOVE 3000' NEAR LAKEHURST. ALSO BETWEEN THE NAS AND COAST (INTENSIVE AIRSHIP ACTIVITIES) UNLESS APPROVED BY THE NEW YORK CENTER

ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA

SOUTHERN NEW JERSEY

N. Y. OCEANIC ATC

WASH. OCEANIC ATC

NAS. ATLANTIC CITY 275 KC 142.74 MC

DOWNTOWN

CAVOLI'S

ATLANTIC CITY

WOODBINE

SMITH

WILDWOOD

CGAS. CAPE MAY

CAPE MAY

SCALE OF MILES

NEW YORK 71

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT;210°,4.7	(3);4220,126.18
➙ Fairfield-Suisun AAF (Army)	350(126.18)	CA(ILS-W)(GCA)	(3); 4220;126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ;160°.2.1	
➙ Hamilton Field	219 (126.18)+	CA◆ ;53.13	(3);126.18.4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA	(3); 126.18
➙ Mather Army (H fac.)	476 (DIM)	H ; 216°,0.8	
McCLELLAN (Sacramento)	396 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV,199°,0.2	(4);116.1.122.1
SACRAMENTO	236(SZ)(116.1)	SBMRAZ-DTV	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);122.5
SALINAS	266 (SB)	MRLW , 310°,2.4	
SAN FRANCISCO	227 (SF)	SBMRLZ-DT,291°,3.6	(3)
SANTA ROSA NAAS (NC)	3295 (142.74)	CN	(3); 142.74 (req. only)
SAUSALITO FM	(- - - -)	FM, 278°, 17.5	Oakland
STOCKTON	212(JW)(vhf)	BMRL-DTV;285°,3.1	(4);116.1,122.1
NEW RADIO FACILITIES			
SALINAS	109.1(SB)	VARW	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
FAIRFIELD-SUISUN(L6)(A)	110.3	335	210°	IM- (0.3)	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
American Legion(Salinas)	1.8 NNW	75	31	CLOSED.White crosses mark ends landing areas.
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg (Clarksburg)	2.4 NNE,riv SE	15	25 S6	80 oct.No sto.Power line E.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.
Carmel Valley	12.5 ESE,riv S	450	28 S4	80 oct.No sto.
(N) Cotati OLF (N)	1.5 N,RR E	94	40h	Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	INACTIVE.
Dos Palos	1.6 S,RR W	146	29 S6	80,91 oct.No sto.Pole line S.
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.No sto.
Fairfield-Suisun	1 E,RR N	7	30 S5	80 oct.Poles N,S.
(A) Fairfield-Suisun AAF (A)	5.5 NE	58	81h R3(L6)S4	73,100 oct.FOREIGN CLEAR STN.
(A) Franklin (A)	5.5 SSE, riv E	21	40h	CLOSED
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	16 S4	80 oct.No sto.
King City	1.5 NNE,RR W	360	46h S5	80,91 oct.
(P) Kingsbury (Lodi)	6 WSW; RR NE	15	40h	
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.
(P) Lincoln (Sacramento)	3.2 WNW,RR NE	120	40h	
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.No sto.Poles E.
Lodi Airpark	4.5 SW,RR W	25	28 S6	80 oct. Hwy E.
Los Banos	1,2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE,RR W Hwy W	2	17 S4	80 oct.
Martinez	0.8 N,RR S	6	20 S6	80 oct.Hill WSW.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	87	75h R2 L5 S6	91,100 oct. No sto. TEMP INACT
MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. Lgts prior req.
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L2 S1	80,91 oct.Lgts prior req NO NAVY
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S. ver.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
➙ Napa Sky Ranch (Napa)	2.2 NNW,RR W	75	20 S6	80, 91 oct. Hwy W Flares req.
(A) New Jerusalem(Tracy)(A)	8 ESE	56	40h	River E. CLOSED prior req.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	20 S1	80 oct.Pole line WNW.
Orange Bros. (Stockton)	5 N	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	15 S4	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct. Pole line E.
(P) Salinas	2.5 SE,RR SW	84	50h L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E,RR W	96	24 S1	80 oct.
(P) Santa Rosa	See Sonoma Co. under "New Airports" - name changed.			
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h R1 L5 S4	91, 100 oct. No sto.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S5	80,91 oct.Port rnwy lgts.Pole
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct. line SE.
State Forestry(Davis)(NC)	3 E,hwy N	228	26	Power line W.
(P) Stockton	4 SSE,RR W,SW	27	45h R1 L5 S6	80, 91, 100 oct.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW,RR E	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct.
Valley (Morgan Hill)	1.2 S,hwy E	540	17 S1	80 oct.Pwr pole SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW,bay W	125	17h	
West Lane(Stockton)	4.1 N,RR W	25	25 S1	73, 80 oct.
(A) Winters Flight Strip(Davis)	6.2 WNW,hwy W	97	60h	CLOSED (A)
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S4	80 oct.No sto.Port rnwy lgts.Poles
NEW AIRPORTS				
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5.3 N;hwy E		21h S2	80,91 oct.
Turlock, (Calif.)	4 WSW;RR N	100	18 S1	80 oct.
Turlock Arpk, (Calif.)	1.5 SSE;hwy E	95	15 S2	73,80 oct.
(P) Sonoma Co. (Calif.)	7 NW;RR E	118	45h L5 S6	80,91,100 oct.Lgts on req.
➙ Dixon (Calif.)	1.8 NNE;hwy NW	65	21 S2	80 oct.P-line N.Soft when wet.
➙ Southampton Bay Air Harbor (Benecia,Calif.)	2.9 WNW;hwy E	10	24 S3	80 oct.Wires SSE.Soft when wet.
➙ Fair Oaks Sky Nook(Fair Oaks,Calif.)	2.3 S;hwy,RR E	70	21 S4	80,91 oct.ENE blkd.
➙ Gilroy (Calif.)	2 NW;rd E,N	240	25 S2	80 oct.NE,E,SE blkd.
➙ San Ardo (Calif.)	0.6 NW;riv W	450	14	PRIVATE

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★-Guarded only when associated tower inoperative.

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) ➙ New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

SAN FRANCISCO

ALL FACILITIES IN OAKLAND FLIGHT ADVISORY AREA

MEDFORD 19

HOBERG

LAMPSON 35 S

YOLO FLYING 34 S

WHITEMAN 40H

NORTON SKY RANCH

ALEXANDER VALLEY

SONOMA CO. 45 H S

SANTA ROSA

JUSTMAN

FAIRFIELD-SUISUN AAF 248

FAIRFIELD-SUISUN AAF-38 81H L S-350 (126.18)

NAPA SKY RANCH

OAK VIEW

PETALUMA

COTATI OLF 40H

CALIF 16 DA

HAMILTON AAF 528

HAMILTON AAF-1-2 80H L S-219 (126.18)

MARIN CO.

SAUSALITO 18

GOLDEN GATE

FARALLON IS. 379

BOLINAS

SAN FRANCISCO 227

HALF MOON BAY 11

EXTENSIVE FLEET AND AIR OPERATIONS CONDUCTED TO APPROX. 100 MI. SEAWARD.

FOR DETAILS IN THE SAN FRANCISCO AREA SEE CHART 75

VALLEJO

STAMPS AIRPK

MARTINEZ

RICHMOND

BAY POINT

OAKLAND 335 (111.1, 116.1)

NEWARK 16

BELMONT

EVERGREEN 38

SANTA CRUZ SKY PARK

SANTA CRUZ

WATSONVILLE NO. 2 17H

CALIF. 9 DA

AMERICAN LEGION 31 S

MONTEREY PENINSULA 80H S

WATSONVILLE NO. 1 45H L S

SALINAS WHP W-109.1

SALINAS 266

SALINAS-2 30H S

CARMEL VALLEY 28 S

MORGAN HILL

GUSTINE

HOLLISTER

LOS BANOS 41

TURLOCK

TURLOCK ARPK.

MODESTO 40H S

NEW JERUSALEM 40H

MANTECA

STOCKTON 49-H L S

STOCKTON 22 (111.1, 116.1)

LINCOLN 40H

McCLELLAN AAF-75 70H L S-286 (126.18)

SACRAMENTO 236 (116.1)

SACRAMENTO-21 60H L S-278 (126.18)

MATHER AAF 476

MATHER AAF-87 79H L S-201 (126.18)

FRANKLIN 40H

DEY RANCH 28 S

MOTHER LODE

LINDEN 29 S

LODI

PEARDALE

ELKHORN 39

RIO LINDA 40H

ELVERTA 31 L S

MERCED

FRESNO 77

SANTA BARBARA 79

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

(E): EXTREMELY HAZARDOUS

(U): USABLE WITH CAUTION

BOTH HEAVY LINES ON SIDES OF ROUTE LOW ALTITUDE "E" EQUIVALENT.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CLOSED TO PLANES OF HEAVIER USE.

SCALE OF MILES

10 0 10 20 30

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C (ILS-W)	(4);126.18,118.5,122.5
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS(Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
MT.VIEW(Navy)(Moffett NAS)	323 (NUC)	BMRLZ; 320°, 1.9	(3);126.18, 142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMHW;123°,16.0	Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV	(4);116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4);126.18,118.7,122.5
PASO ROBLES	(108.7) (OB)	VARW	
→ POINT MUGU NAMTC	3295(142,74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227 (SF)	SBMRLZ-DT	(3)
San Francisco Airport	269(126.18,118.9)	AC;291°,3.6	(4);126.18,118.9,122.5
SAN FRANCISCO GAP	356 (F)	MHW;285°,10.0	San Francisco
SANTA BARBARA	320(OY)(116.1)	BMRLZ-DTV	(4);126.18,142.74,116.1
SANTA BARBARA	(108.3) (OY)	VARW	
Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,122.5 (6-19)
SAUSALITO FM	(- - - -)	FM; 278°, 17.5	Oakland

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-		MM- • — • — (0.62)	OM- — — (4.71)
						MMK-	OMK-
OAKLAND	109.9 — —	333.8	274°	IM-	····· (0.12)	MM-	OM- — — (2.00)
						MMK-	OMK-
				IM-		MM-	OM-
						MMK-	OMK-
				IM-		MM-	OM-
						MMK-	OMK-

S-Steel Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto. NATS
(A) Allen (Taft)(A)	26 ESE	500	31h	CLOSED
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 L5 S6	80 oct.No bcn,P-line N.Lgts avail. 1 hr after dark.
Belmont	0.5 N,RR W	5	30 S4	73,80 oct.No sto.Bay E.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
Concord	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	See Buchanan,Calif. under "New Arpts"-name changed			
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26.	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft) AAF (A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW,hwy NE	36	50h	CLOSED Lgts prior req.
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W
(P) Hayward	2 WSW,RR W	25	55h L5 S6	80,91 oct.No sto.Fld lgts prior req.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct, prior req.
→ La Cresta (Bakersfield)	2.5 NE,riv N	660	36h L S6	80,91 oct.Data unver. Flare pots
(N) Livermore NAS (N)	3.7 E,RR N	626	42h	INACTIVE.
(N) Livermore Sky Ranch	2 WNW,hwy E	448	40 L2	
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	CLOSED

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data

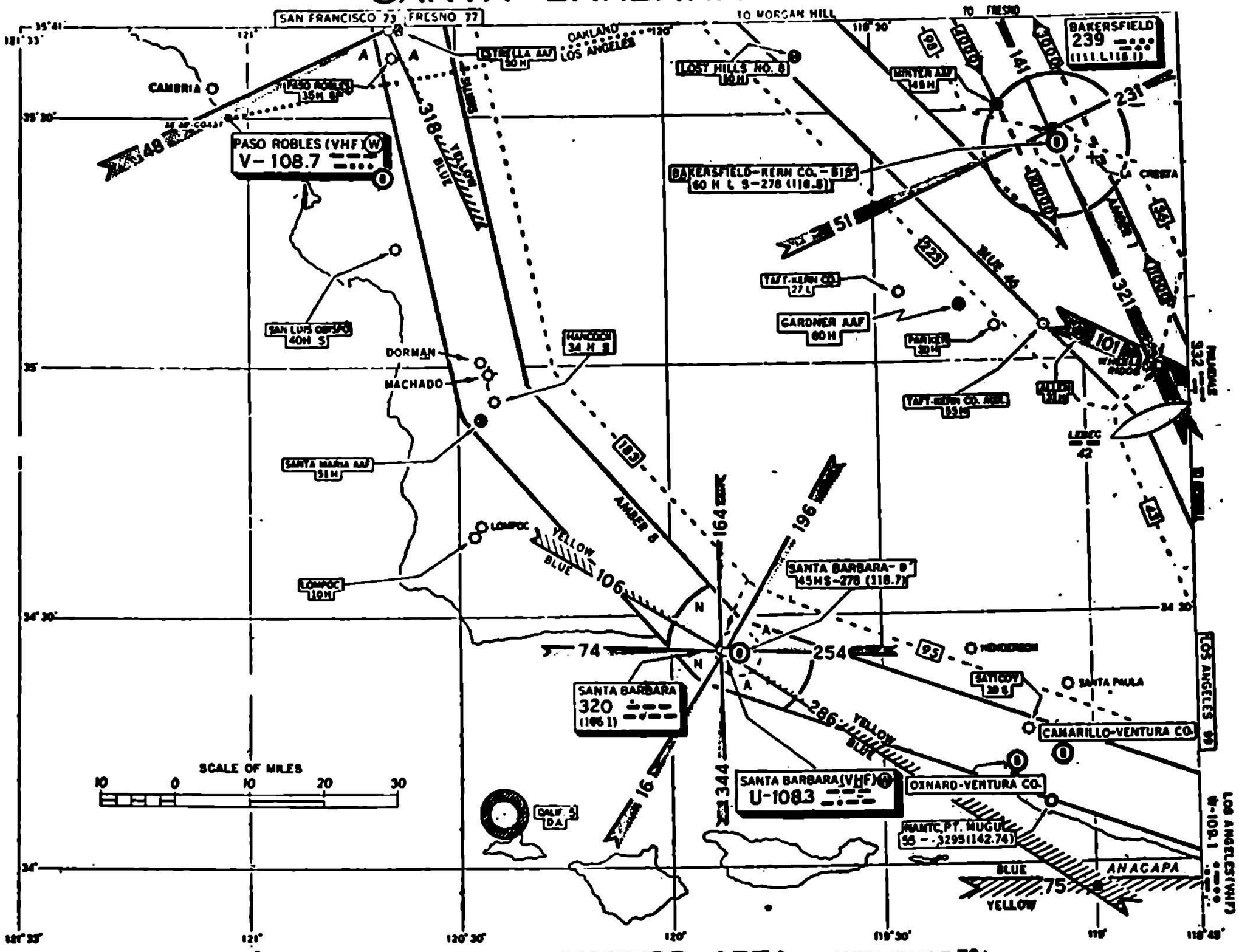
CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	70h R2 (L5) S4	91,100 oct.No sto. NATS
Mountain View	2.2 NW,RR W	57	31 S6	73 oct.
(N) Oakland (NAS)	5 S,RR SE	5	62h R3 L6 S6	73,80,91,100 oct.2-way rdo req.NATS
(P) Oxnard Flight Strip	See Camarillo-Ventura Co. under "New Airports" - name changed. (Hospital)			
Palo Alto	2 ENE,bay E	5	23 L S6	73,80 oct.Port.rnwy lgts.Poles S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct. Naval Air Missile
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED Test Center
Reid-Hillview (San Jose)	4 E,hwy N	140	27 L3 S6	80,91 oct.No sto.or bcn.Poles N,S.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	80h R2 L5 S1	80,100 oct.No sto.Rdo req.
San Jose City (San Jose)	2 NW;RR SW	70	18 S6	91 oct.No sto.Pwr line S.
(P) San Luis Obispo	2 SSE;hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W.
San Ramon	2.5 SE;RR adj E	440	25 S2	80,91 oct.
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S,obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	
Santa Paula	0.8 S;riv S	240	22 L S6	80 oct.Port.strip lgts prior req.
Saticoy	1.5 S;RR N	80	30 S1	80,91 oct.No sto.Trees NE.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
(P) Tracy #5	3.6 S	190	40h	
→ Ventura County (Oxnard)	See Oxnard-Ventura Co. under "New Airports" - name changed.			
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	29 S6	91,80 oct.No sto.

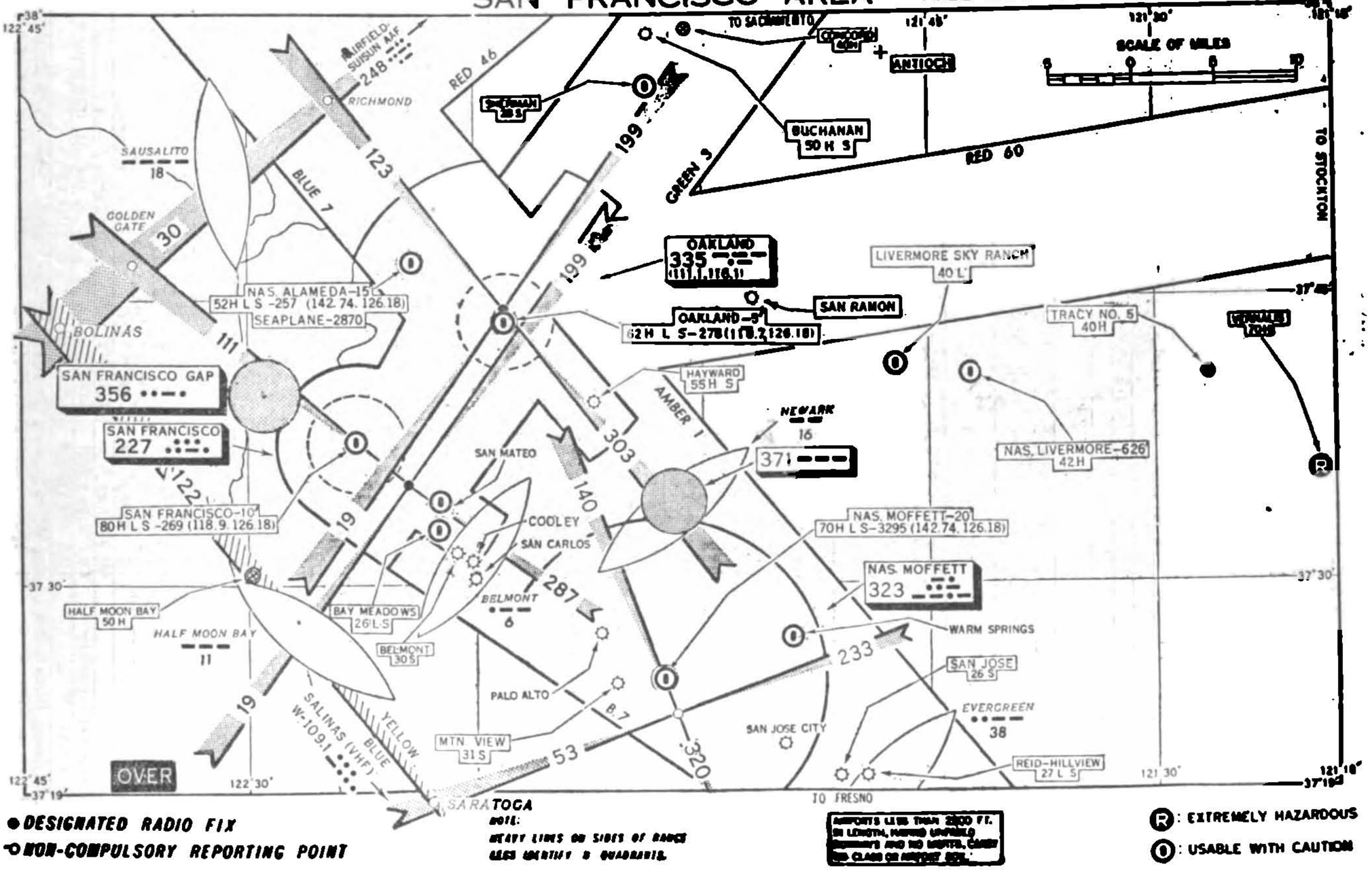
NEW AIRPORTS

Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
Cooley (San Carlos)	2.9 NNW;RR S	6	21 S6	80,91 oct. Hwy SW.
Machado (Santa Maria)	2.2 N;RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E; road SW	125	26 S4	91 oct.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Buchanan (Concord,Calif.)	1.5 NW;hwy N,S	22	50h L S6	80,91 oct. Port lgts. Lgts prior req.
(P) Camarillo-Ventura Co (Calif)	5.5 E;RR S	84	50h	
→ Oxnard-Ventura Co. (Calif)	1 W;hwy E	44	46h L5 S6	80,91 oct.Lgts to 8:15 on req.
→ San Francisco Bay (San Rafael,Calif.)	1 E;hwy S		20 S2	Fuel.Data unver.
→ Center(Centerville,Calif.)	2.1 SSE	62	26 S6	80 oct.Wire WNW

SANTA BARBARA



SAN FRANCISCO AREA (SEE CHART 73)



● DESIGNATED RADIO FIX

"O NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 5 QUADRANTS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, PAVED UNPAVED RUNWAYS AND NO METEL, CABIN OR CLASS OF AIRPORT SER.

(R): EXTREMELY HAZARDOUS

(O): USABLE WITH CAUTION

RADIO

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE OLF (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C(ILS-W)	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116.1
FRESNO (Fresno-Chandler)	344(FT)(116.1)	SBRAZ-DTV;23°,0.9	(4);116.1
→ MOJAVE NAS			DECOMMISSIONED
TRONA	323 (EW)	SBRAWZ, 349°, 11	

NEVADA

FALLON (NAS)	230 (VA)	SRAWZ; 219°, 2.9	
→ GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4) (8-16 Mon.,Tues,Thurs,Fri; 5-20 Wed,Sat,Sun.)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SRAWZ;168°,2.6	
WADSWORTH FM	(-)	FM, 48°, 27	Reno.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- •— •— (0.62)	OM- — — (4.71)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + —Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	
Amargosa (Death Valley Jct.)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
(N) Armitage CLF (Inyokern)(N)	8 ENE	2218	90h R1 L5 S1	CLOSED
(P) BAKERSFIELD-KERN CO (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
Boston Land Co.(Westhaven)	1.7 SSW;hwy N	300	31	(NC)
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1.
Coalinga	1.5 N;hwy E	664	56h S4	80,91 oct.Hill N,W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;rd S	220	19 S4	73,80 oct.No sto.Poles N,NW,SE.
Cornell (Porterville) (NC)	2.4 SSW;RR E	470	26	Poles SE.
Death Valley (Furnace Creek)	1 WNW	-178	40 S2	80,91 oct.Data unver.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
(P) Delano	1.5 SE;RR W	315	60h	
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct.No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	33 S6	80 oct. Pole line SE.
(P) Hammer (Fresno)	4.8 NE;rds N,E	331	71h	
Hanford	1.2 SE;RR W	246	20 S4	80 oct.
Harvey (Corcoran)	2.7 NNW;RR W	200	27 S4	80 oct. No sto.
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h	NATS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S2	80 oct. req.
→ La Cresta (Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct.Data unver.Flare pots prior
(P) Lemoore	9 SW;RR NW	247	48h	
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80,100 oct. Lgts prior req.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Lgts prior req.
Merced #1	2.5 NW;RR SW			ABANDONED
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	410	45h	CLOSED.
(N) Mojave NAS (N)	0.7 E;hwy W	2751	59h	INACTIVE
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;riv E	194	23 S4	80 oct. No sto.Pwr line N,NW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S2	80 oct.
(P) Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W.
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
★ Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts.
→ Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	18	Mtns - timber 2000' NE Closed to Public
(P) Visalia	.5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW.Closed to Public
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.

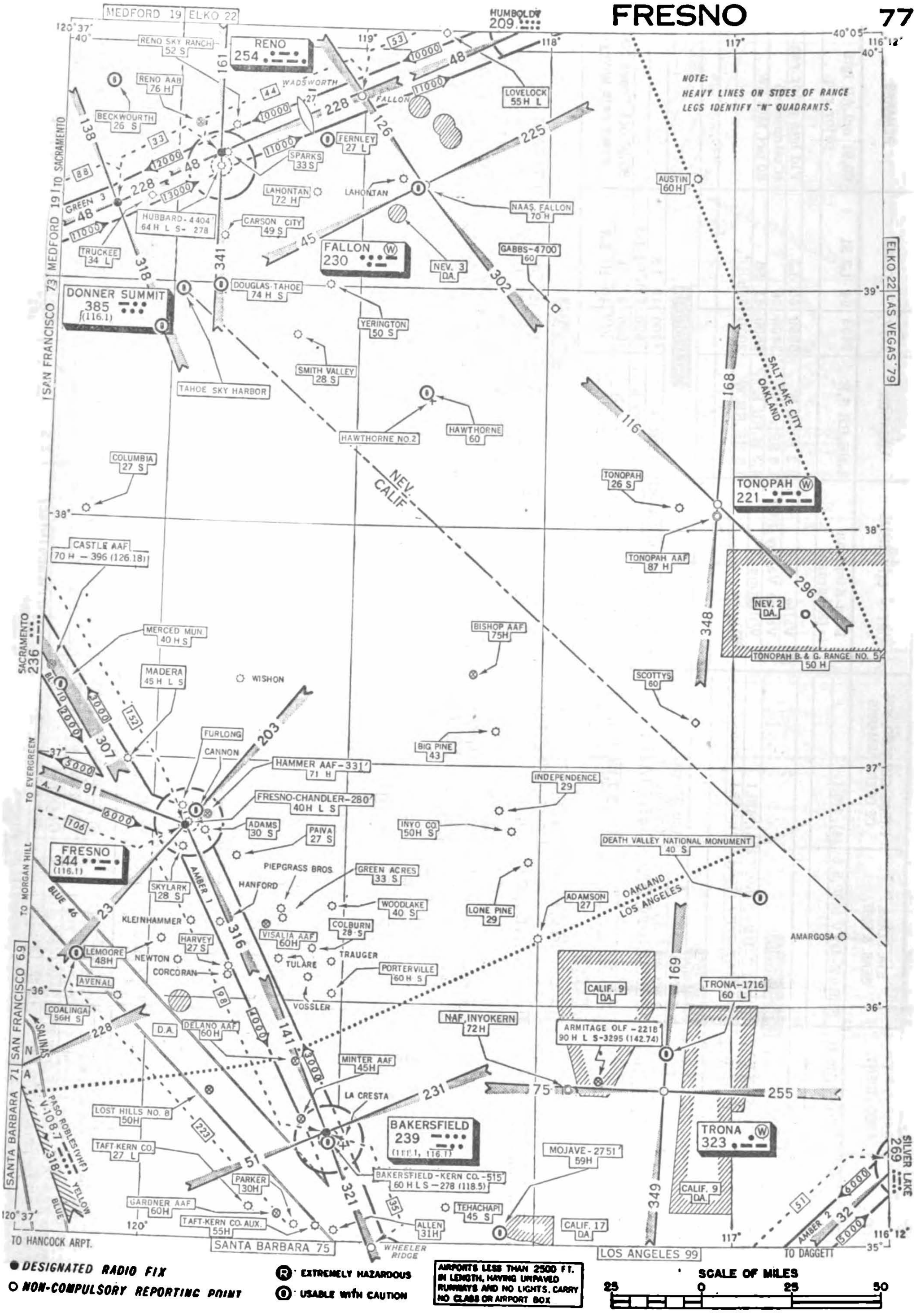
NEVADA

Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h S6	73 oct.
★ Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
(N) Fallon NAAS	6 SE;hwy S	3931	70h	CLOSED
★ Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	64h R2 L5 S4	80,91,100 oct.
Lahontan (Fallon)	1.4 SSW;hwy N	3980	24 S4	80 oct. Poles ENE,WSW.Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	40	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
★ Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tahoe Sky Harbor (Genoa)	6 WSW;RR N	6230	42 S1	80 oct.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;RR W	4483	50 S1	73 oct.

NEW AIRPORTS

Hawthorne No. 2, (Nev.)	NE city limits	4200	27 S1	80 oct.Hi-line S.Data unver.
→ Alta (Dinuba,Calif.)	4.3 E;RR S	360	23 S6	80 oct.P-line SE.
→ Selma (Calif.)	2.6 E;rd N	215	25 S4	80 oct.No sto.P-line NW
→ Palomino (Selma,Calif.)	6.5 WSW;RR W	267	18 S2	80 oct.Fence,trees W.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)NC-(not charted). → NEW OR REVISED DATA


MEDFORD 19 ELKO 22
HUMBOLDT 209
RENO 254
RENO SKY RANCH 52 S
RENO AAB 76 H
BECKWOURTH 26 S
WADSWORTH
FALLON
LOVELOCK 55 H L
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
FERNLEY 27 L
SPARKS 33 S
LAHONTAN 72 H
LAHONTAN
AUSTIN 60 H
NAAS, FALLON 70 H
HUBBARD-4404 64 H L S- 278
CARSON CITY 49 S
TRUCKEE 34 L
FALLON 230
NEV. 3 DA.
GABBS-4700 60
DONNER SUMMIT 385 (116.1)
DOUGLAS-TAHOE 74 H S
YERINGTON 50 S
SMITH VALLEY 28 S
TAHOE SKY HARBOR
HAWTHORNE NO.2
HAWTHORNE 60
SALT LAKE CITY OAKLAND
SAN FRANCISCO 73 MEDFORD 19 TO SACRAMENTO
ELKO 22 LAS VEGAS 79
COLUMBIA 27 S
NEV. CALIF.
TONOPAH 26 S
TONOPAH 221
CASTLE AAF 70 H – 396 (126.18)
TONOPAH AAF 87 H
NEV. 2 DA.
TONOPAH B. & G. RANGE NO. 5 50 H
SACRAMENTO 236
MERCED MUN. 40 H S
BISHOP AAF 75H
MADERA 45 H L S
WISHON
SCOTTYS 60
FURLONG
CANNON
BIG PINE 43
HAMMER AAF – 331' 71 H
INDEPENDENCE 29
FRESNO-CHANDLER-280' 40H L S
ADAMS 30 S
PAIVA 27 S
INYO CO. 50H S
DEATH VALLEY NATIONAL MONUMENT 40 S
FRESNO 344 (116.1)
PIEPGRASS BROS.
GREEN ACRES 33 S
HANFORD
SKYLARK 28 S
WOODLAKE 40 S
LONE PINE 29
ADAMSON 27
OAKLAND LOS ANGELES
KLEINHAMMER
VISALIA AAF 60H
COLBURN 28 S
AMARGOSA
LEMOORE 48H
HARVEY 27 S
NEWTON
TULARE
TRAUGER
PORTERVILLE 60 H S
CORCORAN
AVENAL
CALIF. 9 DA.
TRONA–1716 60 L
COALINGA 56H S
VOSSLER
DELANO AAF 60H
D.A.
NAF, INYOKERN 72H
ARMITAGE OLF – 2218 90 H L S-3295 (142.74)
MINTER AAF 45H
LA CRESTA
LOST HILLS NO. 8 50H
BAKERSFIELD 239 (111.1, 116.1)
TRONA 323
SILVER LAKE 269
TAFT-KERN CO. 27 L
MOJAVE-2751' 59H
BAKERSFIELD-KERN CO.-515' 60 H L S – 278 (118.5)
PARKER 30H
TEHACHAPI 45 S
CALIF. 17 DA
GARDNER AAF 60H
TAFT-KERN CO. AUX. 55H
ALLEN 31H
SANTA BARBARA 75
WHEELER RIDGE
LOS ANGELES 99
TO DAGGETT
TO HANCOCK ARPT.
SANTA BARBARA 71 SAN FRANCISCO 69
TO EVERGREEN
TO MORGAN HILL
PASO ROBLES (VHF) V-108.7
YELLOW
BLUE
AMBER 1
AMBER 2
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX
SCALE OF MILES
25 0 25 50

LAS VEGAS

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	**347(PN)(116.1)**	SBRAZ-DTV,142°,5.5	(4), 116.1

CALIFORNIA

NEEDLES	400(NJ)(116.1)	BMRLZ-DTV,195°,2.2	(4), 116.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-DTV,132°,1.9	(4), 116.1

NEVADA

CRYSTAL FM	(-)	FM; 28°,30	Las Vegas
GOODSPRINGS FM	(- - -)	FM; 203°,33	Las Vegas
LAS VEGAS	206(LQ)(vhf)	SBMRAZ-DTV;34°,1.9	(3);116.1,122.1
→ Las Vegas AAF	278(126.18,118.7)+	C (ILS)	(4);118.7,126.18,122.5 (8-midnite)

UTAH

→BRYCE CANYON (Int.)	**108.3(BV)(vhf)**	**BVAR-DPTV;35°,0.8**	**3117.5,131.7,116.1,129.7** cont. 4495,6210 req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-VDT,20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-VT,20°,1	(4), 116.1
ST.GEORGE	108.7(GX)(vhf,	BVAR-DPV;229°,7.8	3117.5;116.1,129.7, 122.1 cont.(3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM: 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
→ LAS VEGAS AAF	110.3	335	25°	IM	MM ----(0.66)	OM -- (4.2)	
					MMK	OMK	

S-Simul. Range and Voice, W Without Voice, Z-VHF Range Station Location Marker: (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ashfork Int,36A, LA-AQ	4.3 W,RR S	5089	41 L3	
(P) Clemenceau (Cottonwood)	1.7 SSW,hwy NE	3400	29 L1 S4	73 oct.
(P) Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14.8 S,RR W	6362	65 S4	80 oct.Trees ENE,WNW, SSW.Rnwy data unver.
(A) Kingman AAF(A)	8.5 NE,hwy NW	3446	65h	CLOSED
Mohave Co.(Kingman)	6.5 NW,hwy E	2850	34	Not maintained.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing. (See page XIII) NC-(not charted).

→ NEW OR REVISED DATA.

AIRPORTS — ARIZONA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S1	**80,91 oct.All lgts** prior req.
(P) Valle	2.3 E'RR W	5990	60 L3	Fld lgts prior req.
Verde Valley(NC)	1.8 SE,riv W	3400	30	(Cottonwood)
Williams	4.3 N,RR E	6600	41 S6	80 oct.Mts SW.
(P) Yucca	1.5 NE,RR W	2030	60h	

CALIFORNIA

★ Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
Needles	5.5 S,hwy E	990	58h R1 L3	
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE
★ Silver Lake Int,18, LA-SL	2.5 SSE,RR E	917	40 R1 L3	Rnwy data unverif.

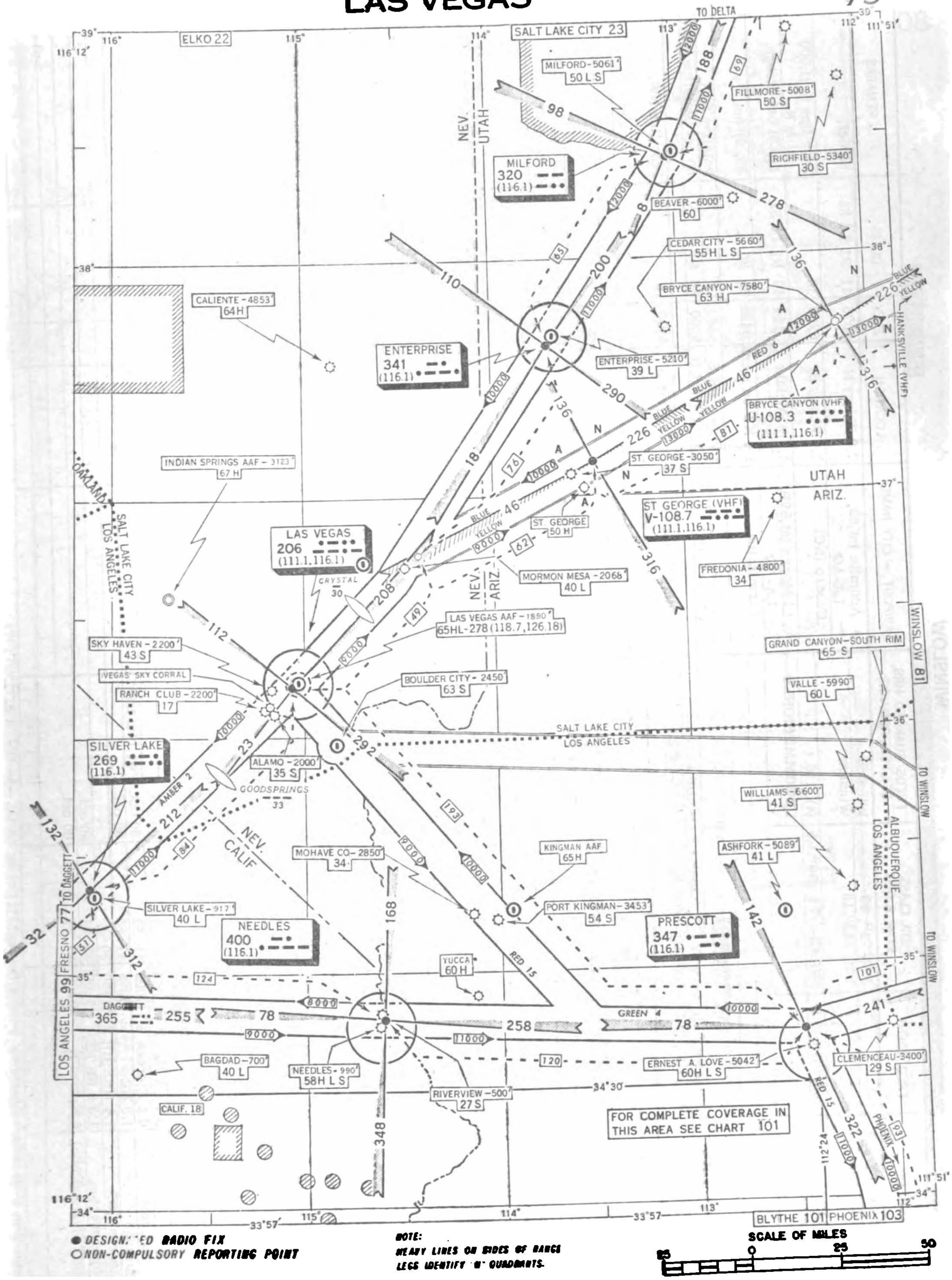
NEVADA

Alamo (Las Vegas)	5.5 SSW,RR SW	2000	50 S4	73,80,91 oct.
→ BOULDER CITY	1.8 SW,RR W	2446	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
(A) Las Vegas AAF(A)	7.8 NE,hwy NW	1890	65h R3 L6	TEMP INACT. NO FACS.
★ Mormon **Mesa Int, 31B,LA-SL**	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	0.7 W,hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	5.5 SW,RR E	2200	17	Mts WSW,ENE,E.
Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)

UTAH

Beaver	3.2 SSW,hwy E	6000	60	
★ **Bryce Canyon Int,** 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
Cedar City	2.3 NW,hwy W	5660	55h L5 S6	80,91 oct.
★ Enterprise Int,39	8 NNE,hwy N	5210	39 R1 L3	LA-SL
Fillmore	2 WSW,hwy SE	5008	50 S2	73 oct.
Milford,45,LA-SL	2.3 NNW,RR E	5061	50 R1 L3 S1	80 oct.
Richfield	1.8 SSW,RR E	5340	30 S4	80 oct.
St.George	1.5 SSW,riv SSE	3050	37 L2 S6	80,91 oct.Fld lgts & svcg prior req.
★ St.George Int,36, LA-DV	6 SE		50h	
→ Hurricane (Utah)	2 S	3400	25	Obsts E.Data unver.
→ Dewey-Humboldt(Ariz)	1 E	4265	29	

LAS VEGAS



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-DTV;160°,1.5	(4), 116.1
→ Winslow Airport			DECOMMISSIONED
NEW MEXICO			
ACOMITA (Int.)	371(AK)(116.1)	BMLZ-DTV,264°,1.9	(4);116.1,122.1
EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-DTV,78°,0.1	(4);116.1,122.1
UTAH			
HANKSVILLE Int	109.1(HY)(vhf) (116.1)	BVAR-DPV;314°,2.8	(3) on req,3117.5;116.1, 129.7,122.1

S-Simult. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

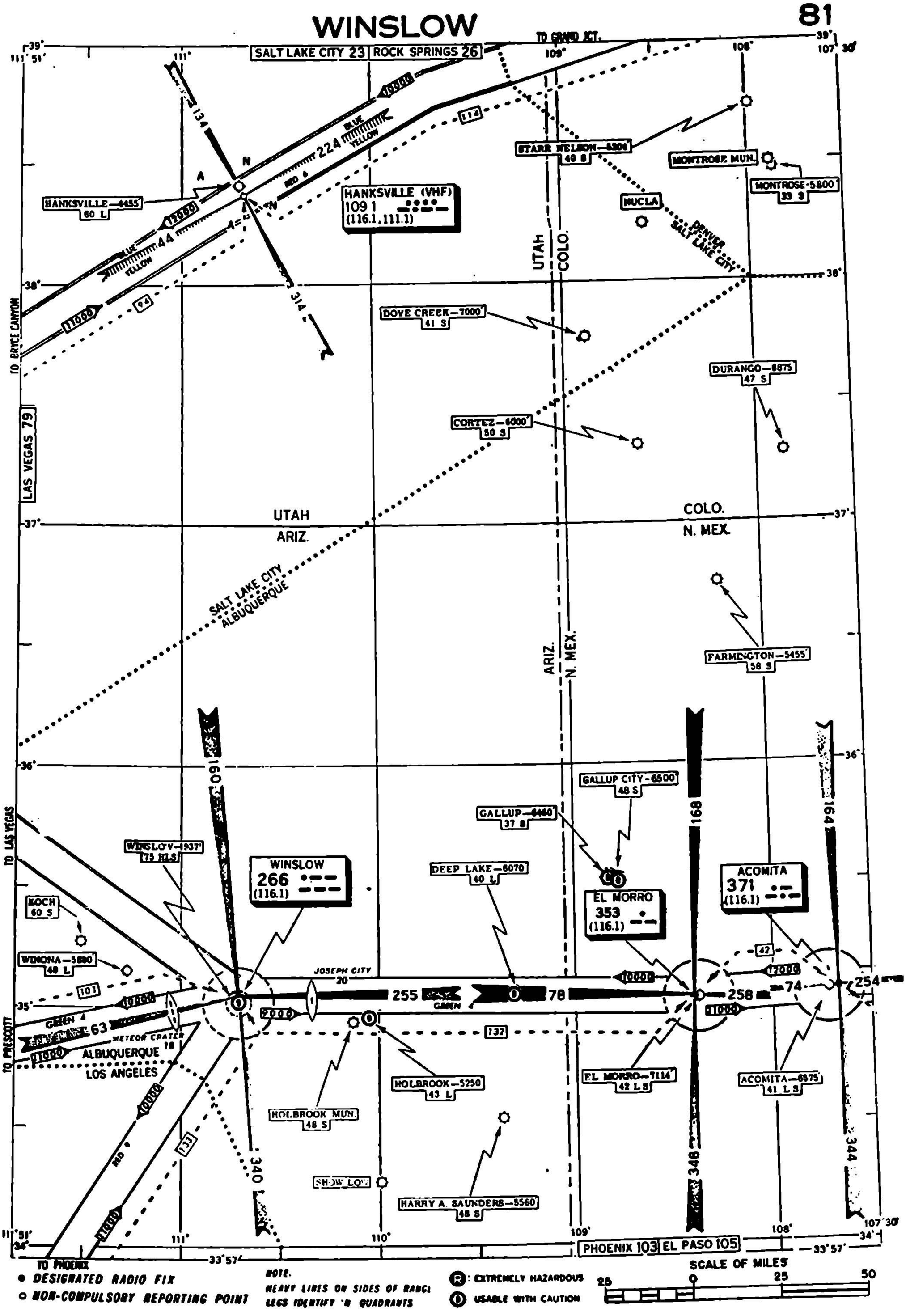
AIRPORTS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.4 NE;hwy W	4200	50	
★ Deep Lake Int,54A, LA-AQ	1.5 W;hwy E	6070	40 L3	Poles S.
Holbrook	2.2 NNE;RR SE	5200	48 S6	80 oct.
★ " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L3	
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S1	Ltd 80 oct.Hills SW
Saunders, Harry A. (St. Johns)	1.1 NNW,hwy S	5560	48 S2	80 oct.25' poles NE
Window Rock(NC)	0.8 SSW;rd N	6800	52	Bluffs ENE,NNE
(P) WINSLOW	2 SW;RR N	4937	75h R1 L5 S1	91 oct.
COLORADO				
(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
Montrose Mun.	1.3 S,RR NE	5800	33 S4	80 oct.
(P) Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)(NC) Not charted. → NEW OR REVISED DATA.

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NEW MEXICO				
★ Acomita Int,63, LA-AQ	7.8 W;hwy N	6575	41 R1 L3 S1	80 oct.
Cubero (NC)	2.4 W;hwy S	6200	30	Pole line S. 11,000' mtns N.
★ El Morro Int,59B, LA-AQ	4.5 WSW;lake NW	7114	42 R1 L3 S1	Ltd 91 oct. Rough.
Farmington	1.4 NW on mesa	5495	65 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Poleline SSW
Gallup City	2.6 WSW;RR N	6500	48 S4	80 oct Poleline WSW
Indian Service (Shiprock) (NC)	1.8 SSW;riv N	5100	19	Pole line NW.
UTAH				
★ Hanksville Int,54, LA-DV	4 NE	4455	60 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post) (NC)	0.5 N hwy E	5284	30	
NEW AIRPORTS				
Montrose, (Colo.)	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla, (Colo.)	2.3 SSW;riv S	5910	36	
Aztec, (N.M.) (NC)	2.2 NW on mesa	5700	28	Emerg only.
→ City Co. (Durango, Colo.)	10.6 SSE;riv NW	6660	54 S1	91 oct.
→ Show Low,(Ariz.)	2 ENE;hwy S	6400	43 S4	80,91 oct.
→ Marble Canyon (Cameron,Ariz)	66 NNW;riv E	3580	37 S4	80 oct.NE appch hazardous.
→ Camp Verde (Ariz)	1.6 SSE;rd N	3100	42	Emerg. use only.
→ Payson (Ariz)	2 NNW;cyn N	5077	31	Trees E.Soft when wet.
→ Hathway (Payson,Ariz)	0.7 ESE	4877	20	Strip soft when wet.
→ Taylor-Snowflake (Taylor,Ariz)	2 W;rd N	5640	26 S2	80 oct.Poles SSE,NNW.

WINSLOW



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'B' QUADRANTS

Ⓡ: EXTREMELY HAZARDOUS

Ⓓ USABLE WITH CAUTION

ALBUQUERQUE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
★ Adrian Int,92B,LA-AQ	4.2 SSE;RR N	4136	37 L3	(Texas)
Alameda (Albuquerque)	7.4 N;RR E	5400	37	(N.M.)
Alamosa (Colo)	2 S;hwy W	7550	58 L3 S4	80 oct.Fld lgts prior
ALBUQUERQUE Range (Kirtland)(N.M.)	230(AB)(vhf)	354°,3.1	SBRAZ-DTV	(3);116.1,122.1 req.
Albuquerque (N.M)	6.3 ESE;hwy N	5429	62	RFC surplus acft fld
AMARILLO Range (Tex) (English)	251(AQ)(vhf)	77°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
→ Amarillo (Tex)	6 ENE;RR NW	3676	15h S6	80,91 oct. P-line N,S.
★ Anton Chico Int,78A,LA-AQ	4.5 SE;hwy E	5281	43 L3	(N.M)
Art Goebel (Belen,N.M.)	3.2 W;RR E	5100	39 S1	80,91 oct.
Belen Air Strip (N.M.)	2.7 N; RR E	5000	30 S1	73 oct.
Bobcat (Dimmit,Tex)	1.5 E;RR W	3850	33 S2	73 oct.
Boise City (Okla)	3 N;hwy W	4200	33	
Clayton (N.M.)	1.5 E;RR S	5050	53 S2	73 oct.
Claude (Tex)	1.2 WNW;RR N	3410	32 S1	73 oct.P-line S,N,NW.
Clover (Hereford, Tex)	2.2 NNE;hwy S	3800	28 S2	73 oct.P-line N,E,SE.
CLOVIS Army Range (N.M.)	203 (DCV)	34°,6.2	MRAWZ	(3)
CLOVIS H Fac. (N.M.)	526(DCV)	130°,1.6	HW-DT	
CLOVIS AAF Tower (N.M.)	396 (126.18)		CA	(3); 126.18
(A) Clovis AAF (N.M.)(A)	6.5 W;RR N	4300	100h L5 S6	73,91,100 oct.
Clovis (N.M.)	0.8 NW;RR S	4247	26	
Cochran Co.(Morton,Tex)	1.5 E;rd W	3750	30	P-line E,S.
Costilla Co.(Mesita,Colo)	4 E;RR W	7750	75	
Creede (Colo)	2 SSE;hwy NW	8800	50 S2	No fuel.Rough off strips
(P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	60h L2	(N.M.) Data unver
★ Cuero Int,81B,LA-AQ(N.M)	5 N	4734	40 L3	Poles W,lgtd.
Cutter-Carr #2 (Albuquerque, N.M.)	3.6 NE;RR W	5120	46	P-line ENE
Dalhart (Tex)	6.2 SSE;RR E			ABANDONED
Dalhart Mun. (Tex)	3.8 SSW;RR N	3989	49h	
(A) Dalhart #1 (Tex) (A)	9.7 WSW;RR E	4096	81h	CLOSED-NOT MAINT.
(A) Dalhart #2 (Tex) (A)	5.5 NE;hwy NW	3974	80h S6	80 oct.
(P) Dumas (Tex)	0.7 S;hwy W	3649	30 L S2	73 oct.Poles N.Flood
Eagle Nest Landing Strip (N.M.)	1 NE	8450	40	11,000'mts NE. lgts. Use in emerg.
ENGLISH Tower (Tex)	278 (118.5, 126.18)		AC (ILS)	(4); 126.18,118.5, 122.5
(A) English (Amarillo,Tex)	9 ENE;RR N	3602	50h L6 S6	80, 91 oct.;100 oct. Army.P-line N,NW.
(P) Ft. Sumner (N.M.)	1.5 NNE;RR S	4166	60h	
Ft. Sumner #5 (N.M.)	16 ENE	4830	60h	
Graham-Bell (Albuqu'que)	4.5 ENE	5400	27 S6	73,91 oct. (N.M.)
Griffin (Walsh, Colo)	0.7 N;RR S	3950	26 S6	80 oct.Poles S.
Gruver (Tex)	0.7 WNW;RR E	3200	40 S1	80 oct.P-line W,E,SE,
(P) Guymon (new)(Okla)	3 SW;hwy N	3140	34 S6	80 oct. P-line N, SW. E
Guymon (Okla)	0.7 S;RR W	3130	21	CLOSED
(P) Hale Co.(Plainview,Tex)	1.6 S;hwy E	3370	37 S6	80, 91 oct.
Harnagel (Borger,Tex)	2.5 SSW;RR N	3140	25 S2	80 oct.Use strips.RR E
Hillcrest (Clovis, N.M.)	2.1 E;RR S	4244	36 S4	73 oct.No sto.P-line S.
Holbrook's (Cuervo,N.M.)	0.8 NE;RR S	4810	19	300' mtn SE.P-line SSE.
Ira Benger (Friona,Tex)	1.8 NE;RR S	4000	28 S2	73 oct.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Johnson (Kans)	0.5 N;hwy W	3330	28 S6	80 oct.P-line N,NW,NE,
Kerrick (Tex)	1.5 N;RR SW	3850	19 S1	80 oct.P-line SW. S
KIRTLAND Tower (N.M.)	278 (126.18, 118.7)+		AC (ILS)	(4); 126.18, 118.7, 122.5
(A) [Kirtland](Albuquerque, N.M.) (A)	3.8 SSE;rd N	5330	103h L6 S6	73,91,100 oct. JP-1 No. sto.Twrs on fld.
(A) La Junta AAF (Colo) (A)	4.4 NNE;rd W	4262	80h	CLOSED
La Junta Bridges (Colo)	3 SW;hwy W	4140	30 S1	80 oct.Data unver
(P) Lamar,10,PU-WD (Colo)	3.7 WSW;RR N	3673	42 L3 S2	80 oct.
Las Animas (Colo)	1.4 S;RR N	3900	28 S4	80 oct. Poles W
LAS VEGAS Range (N.M.)	359(VH)(116.1)	8°, 3.2	SBMRAZ-DTV	(4);116.1,122.1
[Las Vegas] (N.M.)	6 NE;RR W	6857	64h L5 S6	80, 91 oct.
Maxwell (N.M.)	1.7 N;hwy E	6000	36	
Monte Vista (Colo)	3.5 W;RR N	7710	55 S4	80 oct.
Mountainair (N.M.)	1.1 NNE;RR S	6600	28	P-line N
Muleshoe (Tex)	1 ENE;hwy N	3800	42 S1	73 oct.
Municipal (Spearman,Tex)	0.8 NW;RR SE	3104	30	P-line SW.
OTTO Range (N.M.)	290(OT)(116.1)	74°,0.2	BMRLZ-DTV	(4);116.1,122.1
★ Otto Int,74,LA-AQ (N.M.)	5.8 N Moriarty	6226	41 L3 S1	Ltd 80, 91 oct.
Puckett's com.(Lakin,Kans)	3.5 S;riv N,NW	3050	26 S1	Ltd 80 oct.Trees N
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	P-line NE. (Colo)
Romer (Holly, Colo)	1.5 SSE;riv N	3360	29 S1	Ltd 80 oct.P-line SW,NW
Roy (N.M.)	1.5 N;RR W	5900	26	PRIVATE. Post NE.
SANTA FE H Fac. (N.M.)	206(SJ)(116.1)		MHTV	(4);116.1,122.1
[Santa Fe] (new)(N.M.)	9.8 WSW; hwy SE	6308	63h L5 S1	91 oct.airlines.Poles E Rnwy lgts on req.
Santa Fe (old)(N.M.)	6.3 SW;hwy E	6550	45h S6	73,80 oct.;91 oct.emerg
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct.No sto. (N.M.)
Springfield,Com.(Colo)	3.8 N;hwy W	4350	34 S1	73 oct.Poles NW,W,SW
Stinnett (Tex)	0.6 NNE;RR E		30	Data unver.
Syracuse (Kans)	1 N;riv S	3320	36 S2	80 oct.P-line S,SE.
★ Syracuse Int,16,PU-WD	3.7 NNE;hwy W	3410	46 L3	(Kans.)
Taos (N.M.)	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW
Texhoma (Tex)	1 SSW;RR N	3460	30 S2	73,91 oct.P-line N.
→ Tradewind (Amarillo,Tex)	2.5 S;RR NW	3636	29 S6	80,91 oct.
TRINIDAD Range (Colo)	329(TD)(vhf)	170°,3.0	SBMRAZ-DTV	(4);116.1,122.1
Trinidad (Colo)	10.5 ENE	5756	34h L1 S2	80 oct.Use rnwys only
TUCUMCARI Range (N.M.)	212(TC)(116.1)	76°,2.2	SBMRAZ-DTV	(4);116.1,122.1 Hwy E
Tucumcari (N.M.)	7 E;hwy,RR S	4064	51h L5 S6	80,91,100 oct.
(P) Tulia (Tex)	1.5 NNW;RR W	3500	32 S1	80 oct.P-line NE,E,SE
Wagon Mound (N.M.)	0.6 WNW;RR E	6500	21	Fence N;mtns SE,W.
West Mesa (Albuquerque)	3.8 W;hwy S	5100	60 S6	73,80 oct. (N.M.)
West Texas State (Canyon)	3 N;hwy E	3686	42 S6	73 oct.20'poles SE.(Tex)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

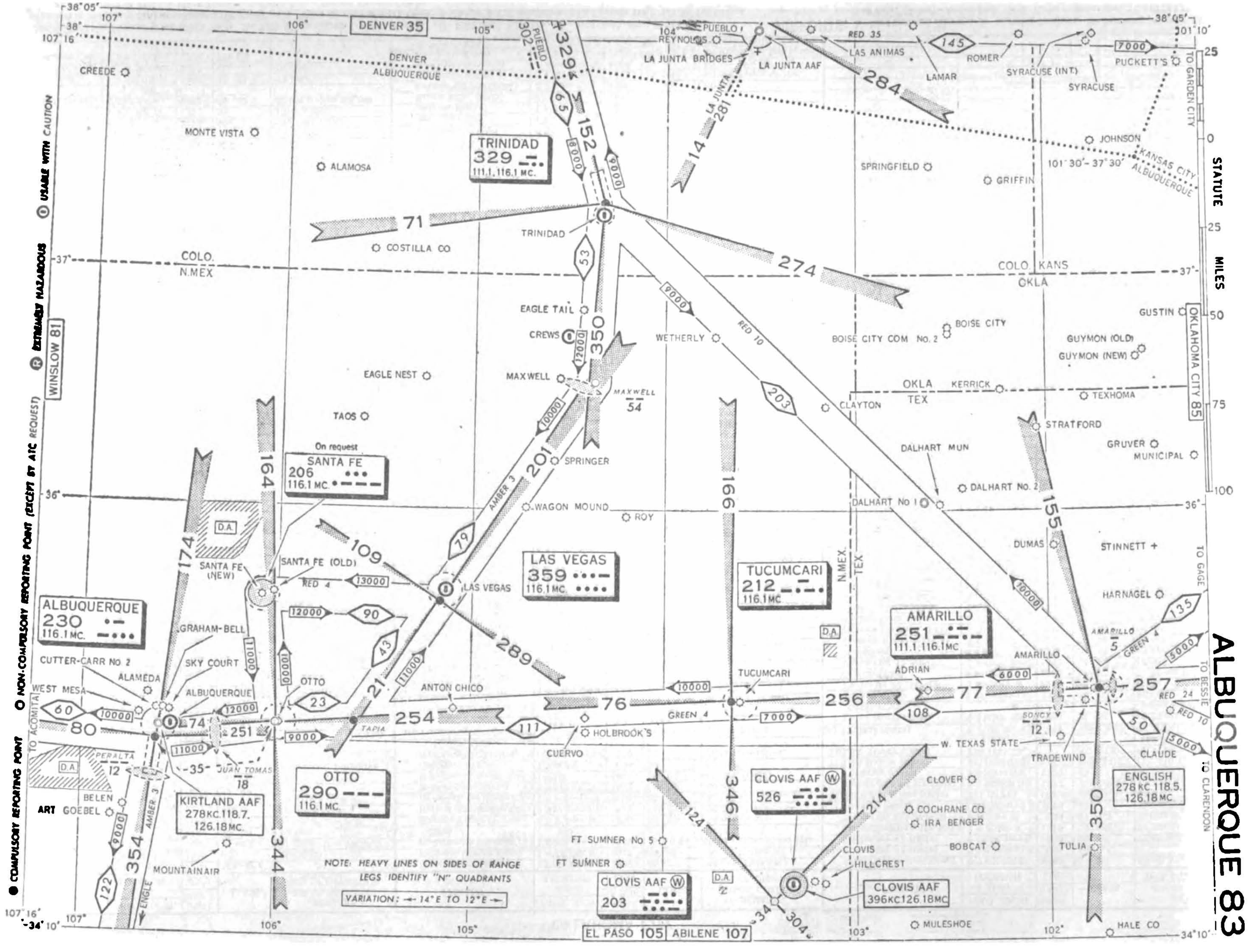
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
ENGLISH	110.3	335	209°	IM-	MM- ·—·— (0.62) OM- ——(5.92)
				MMH-	OMH-293 —··—
KIRTLAND	110.3	335	349°	IM-	MM- ·—·— (0.66) OM- ——(4.32)
				MMH-	OMH-248 —·—·

NEW FACILITIES

→ Boise City Com.#2(Okla.)	1 N;City S	4200	26 S1	80 oct.
→ Gustin Fld.(Hooker,Okla.)	3 SW;RR,hwy E	2985	26 S2	80 oct.P-line S.
→ Carbon Plant(Sunray,Tex)	5 SW	4000	25	Emerg. only.
→ Harris(Gruver,Tex.)	1.9 WNW;hwy S	3200	26	Emerg. only.
→ Panhandle (Tex.)	1.6 SSW;RR N	3450	28 S2	80 oct.125' twr W.
→ Roper(Hart,Tex.)	5.9 S;lk NE	3600	26 S2	80 oct.P-line N,NW.
→ Stratford (Tex.)	1.8 NE;hwy NW	3700	41	P-line S,SW.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 127.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★ – Guarded only when associated tower inoperative.

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) → New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


DENVER 35
DENVER ALBUQUERQUE
CREEDE
MONTE VISTA
ALAMOSA
TRINIDAD 329 111.1, 116.1 MC.
COSTILLA CO
COLO. N.MEX
EAGLE TAIL
CREWS
EAGLE NEST
MAXWELL
TAOS
SANTA FE 206 116.1 MC.
On request
SPRINGER
WAGON MOUND
ROY
LAS VEGAS 359 116.1 MC.
SANTA FE (OLD)
SANTA FE (NEW)
ALBUQUERQUE 230 116.1 MC.
GRAHAM-BELL
CUTTER-CARR No 2
SKY COURT
ALAMEDA
WEST MESA
ALBUQUERQUE
OTTO
OTTO 290 116.1 MC.
ANTON CHICO
TAPIA
HOLBROOK'S
CUERVO
KIRTLAND AAF 278 KC. 118.7. 126.18 MC.
MOUNTAINAIR
BELEN
ART GOEBEL
PERALTA
JUAN TOMAS
TO ACOMITA
WINSLOW 81
ENGLE
AMBER 3
RED 4
GREEN 4
RED 10
RED 24
PUEBLO
LA JUNTA
LA JUNTA BRIDGES
LA JUNTA AAF
PUEBLO
REYNOLDS
LAS ANIMAS
LAMAR
ROMER
SYRACUSE (INT.)
SYRACUSE
PUCKETT'S
TO GARDEN CITY
JOHNSON
SPRINGFIELD
GRIFFIN
KANSAS CITY
ALBUQUERQUE
101°30'-37°30'
COLO. KANS OKLA
GUSTIN
OKLAHOMA CITY 85
BOISE CITY
BOISE CITY COM No. 2
GUYMON (OLD)
GUYMON (NEW)
OKLA TEX
KERRICK
TEXHOMA
CLAYTON
WETHERLY
STRATFORD
GRUVER
MUNICIPAL
DALHART MUN
DALHART No. 2
DALHART No 1
DUMAS
STINNETT +
TO GAGE
HARNAGEL
TUCUMCARI 212 116.1 MC
N.MEX. TEX
AMARILLO 251 111.1, 116.1 MC
AMARILLO
ADRIAN
TUCUMCARI
W. TEXAS STATE
TRADEWIND
SONCY
CLAUDE
ENGLISH 278 KC. 118.5. 126.18 MC.
TO BESSIE
TO CLARENDON
CLOVIS AAF (W) 526
CLOVIS AAF (W) 203
CLOVIS AAF 396 KC 126.18 MC
CLOVIS
HILLCREST
CLOVER
COCHRANE CO
IRA BENGER
BOBCAT
TULIA
FT SUMNER No 5
FT SUMNER
MULESHOE
HALE CO
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 14°E TO 12°E
EL PASO 105
ABILENE 107
ALBUQUERQUE 83
STATUTE MILES
25 0 25 50 75 100
UNABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT

OKLAHOMA CITY

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(P) Ada (Okla)	2 N;RR SW	1008	50h S1	
(A) Altus AAF (Okla) (A)	3.4 ENE;hwy S	1368	60h	CLOSED.
Altus Mun. (Okla)	4.2 N;RR W	1426	31 S6	80 oct. P-line SW,W,NW.
Alva (Okla)	1.4 S;RR N	1320	26 S6	80 oct.
Anadarko (Okla)	1.5 SW;RR E	1260	26 S6	80 oct. P-line N,E.
ANTHONY H Fac. (Okla)	382(AY)(116.1)		MHTV	(4);116.1,122.1
(P) Anthony,24,AQ-KC	3 WNW;hwy S	1339	48 L3 S6	73,91 oct. (Okla)
Antlers (Okla)	2.8 S;RR E	640	22 S2	80 oct.
ARDMORE H Fac. (Okla)	400(AT)(116.1)		MHTV	(4); 116.1, 122.1
Ardmore (Okla)	11.2 NNE;riv E	758	73h	CAUTION: Intensive airline training.
Ardmore,10,FV-WD	9.2 N;hwy E	875	40h L3 S6	80,91 oct. Poles E.
* Arlie Int,9,AQ-FV(Tex)	3.8 SW;hwy SE	1770	42 L3	(Okla)
Ashland (Kans)	1 E;RR S	1940	32 S2	80 oct. Poles S,E.
Atoka (Okla)	1.8 NW;RR S	540	22 S2	73 oct. P-line S.
Bartlesville (Okla)	4 E;rd S	720	34 S6	80 oct.
Bennett (Elk City,Okla)	2 SSE;RR NE	1800	20 S2	80 oct. P-line W. Lgt ac-
Blackwell (Okla)	1.7 W;RR N	1000	32 L4 S6	80 oct. P-line ft only.
Boren (Wetumka,Okla)	1.5 NW;RR SE	780	20	SW,NW.
Brown (Tulsa, Okla)	6 SE	735	31 L S6	80,91 oct. Port rnwy lgts. Pole NW.
Buffalo (Okla)	0.6 NW;crk N	1965	14 S1	73 oct. wet.
→ Caddo Fly.Svc.(Ft.Cobb)	6 SE;hwy S	1250	21 S2	80 oct. (Okla) Ctn when
Cameron College	2.5 W;RR N	1108	22 S6	80 oct. (Lawton,Okla)
Cassoday Int,34,AQ-KC (Kans)	1 SSE;hwy W	1480	32 L3	Twrs S.
CHANUTE Range (Kans)	284(CZ)(vhf),	304°, 2.5	SBRAZ-DTV	(4);116.1,122.1
Chanute (Kans)	2 WSW	980	22h L4 S6	80,91 oct. Hwy NW.
CLARENDON Range (Tex)	233 (CP)	190°, 0.2	MRLW	
(P) Clarendon,4,AQ-FV	3.8 W;RR NE	2869	40 L3 S6	80,91 oct. (Tex)
Childress (Tex)	3.2 ESE;RRNE	1930	30 S4	73,80 oct. P-line sur fld
(A) Childress AAF (Tex)(A)	5.2 W;RR N	1952	60h	CLOSED.
Clinton (Okla)	17 SW;hwy E	1932	65h	
Coffeyville,Mun.#1	5 NNE	743	59h S2	80 oct. (Kans)
Coffeyville,Mun.#2	2 NW;riv E	880	26h L3 S6	80 oct. Poles NW;hi-line SW. Use rnwys only.
Commercial(Okmulgee, Okla)	3.4 E;RR N	682	25 S2	80 oct. Poles SW
Commercial(Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct. Trees SW.
Commercial(Quanah)	1.8 S;hwy E,N	1568	21 S2	Ltd 80 oct. (Tex Okla)
Community (Ada,Okla)	6.8 WNW	1000	18 S6	80 oct. RR NE.
Cordell (Okla)	1.3 NW;RR E	1550	20 S2	80 oct.
(P) Cushing (Okla)	2 S;RR E	913	52h L5 S6	73,80 oct.
* Dill Int,14,AQ-LS(Okla)	0.5 NW;hwy N	1876	26 L3	P-line N,E.
DODGE CITY H Fac(Kans)	362(OD)(116.1)		MHTV	(4);116.1,122.1
Dodge City (Kans)	3.5 ENE;RR SE	2594	47h L3 S6	80,91 oct. Fld lgts prior
(A) Dodge City AAF (Kans)	6 NW;RR S	2621	65h	CLOSED. (A) req.
(A) Dodge City #4 (Kans)(A)	17.4 NNE	2465	60h	CLOSED.
Dukes (Carnegie,Okla)	1 NNW;riv S	1250	24 S2	80 oct. P-line S.
Edgewood (Coffeyville, Kans)	2.5 WNW;RR E	745	25 S1	80 oct. P-line E,S.
(A) Enid AAF (Okla)(A)	4 SSW;RR E	1287	56h	TMP INACT. NO FACS
Eureka (Kans)	2.7 E;hwy S	1100	26 S1	80 oct. Hi-line S.
→ Ferguson(Coffeyville)	5 E;RR NW			(Kans) ABANDONED
(P) Frederick (Okla)	3.5 SSE	1233	60h S6	80 oct,
Fredonia Mun. (Kans)	3 NNE;RR E	880	26 S1	80 oct.
GAGE Range (Okla)	266(VM)(vhf)	224°, 2.1	SBRAZ-DTV	(4);116.1,122.1
(P) Gage (Okla)	1.8 SW;riv N	2223	55h L5 S1	80 oct.
GARDEN CITY Range (Mun.)(Kans)	257 (GK) (116.1)	168°, 3.7	SBRAZ-DTV	(4); 116.1
Garden City Mun.(Kans)	3.3 E;riv S	2841	45 L3 S6	73,80 oct. Fld lgts on req.
(A) [Garden City AAF] (Kans) (A)	9 ESE;riv S	2894	65h	TMP INACT. NO FACS.
(A) Garden City #1 (Kans)	19.5 ESE	2814	30h	CLOSED. (A)
(A) Garden City #2 (Kans)	13.4 E	2856	30h	CLOSED. (A)
(A) Garden City #3 (Kans)	6 ENE	2917	30h	CLOSED. (A)
Geary (Okla)	1.4 E;RR N	1523	24	PRIVATE
Glenn Martin (Liberal) Kans)	2 ESE;hwy SW	2853	35 S2	80 oct. P-line SE,SW
Grandfield (Okla)	1.2 SE;RR N	1100	13 S1	73 oct.
(A) Grandfield #3(Okla)(A)	3.1 W;RR NE	1128	45h	CLOSED.
(A) Great Salt Plains Jet, Okla) (A)	6 NNE;dam 1 N	1200	55h L5	
Greensburg (Kans)	1 ESE;RR N	2230	26 S1	80 oct. Poles N.
Haddock (Erick,Okla)	1.4 SW;RR N	2017	34 S2	80 oct. P-line N
Halliburton (Duncan, Okla)	1 S;RR E	1125	35 L6 S4	80,91 oct. No flood lgts or bcn.
Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct. (Okla)
Hatbox (Muskogee,Okla)	2.7 W;fork RRs	615	38h 36	73,80 oct.
Hemphill Co.(Canadian)	1.5 SW;riv N	2300	27 S2	Ltd 73 oct. (Tex)
(P) Hobart Mun.(Okla)	3.8 SE;RR N	1583	53h S6	80 oct.
Hohmann (Lone Wolfe)	1 ESE	1576	26 S2	80 oct. (Okla)
Holdenville (Okla)	1.2 WNW	864	20	RR NE
Hunter's Flight Strip (Hobart, Okla)	0.5 SW;hwy adj	1530	22	Data unverified.
HUTCHINSON Range (Kans)	227(HN) (116.1)	350°, 3.1	SBMRLZ-DTV	(4);116.1,122.1
Hutchinson, com.(Kans)	5.5 W;riv NE	1605	20 S4	80 oct.
(P) Hutchinson,mun.	4 ENE;hwy S	1542	70h L5 S6	80,91 oct. (Kans)
(N) Hutchinson NAS (Kans)	8.9 S;RR NNE	1582	70h	INACTIVE. (N)
INDEPENDENCE AAF Tower (Kans)	272 (126.18)		CA	(3); 126.18 (7-19)
(A) Independence AAF (A)	5.5 SW;hwy W	820	55h S1	91,100 oct. (Kans)
Independence (Kans)	5 N;hwy W	847	22 S4	73-91 oct. P-line W.
(A) Independence #3 (A)	24 ESE	920	42h	CLOSED. (Kans)
Independence #9 (Kans)	12.5 NE	870	40h	
(P) Iola (Kans)	3.2 SSE	1020	48 S6	73,80 oct. Road N.
Jensen (So.Coffeyville)	0.5 W;RR S,E	735	40 S6	80 oct. P-line SE. (Okla)
Jimmie Ray (Cherokee)	1.5 E;RR SW	1200	26 S1	80 oct. Trees S. (Okla)
Kell-Air (Thomas,Okla)	1.2 SW;RR N	1730	24 S2	80 oct.
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Kingman (Kans)	1.5 NNW	1600	26 S1	73 oct. Trees S,SW. RR
Kiowa Flying Service (Kiowa, Kans)	2.5 WNW;RR S	1375	19 S1	80 oct. P-line SW, NNW,SSW.
Kittenbrink (Jefferson)	2 E;RR W	1100	23 S2	80 oct. Trees N. (Okla)
Lawton (Okla)	1.5 S;RR E	1145	26 L2 S6	80 oct. Fld lgts prior req. Poles NW.
(A) Liberal AAF (Kans)(A)	1.5 WNW	2888	70h	CLOSED.
Long (Pryor,Okla)	2 NNE;RR W	650	20 S6	80 oct. P-line SW.
Meade (Kans)	3 ESE;hwy N	2532	19 S2	80 oct. Use strips. P-line
McAlester (Okla)	2 SSE;RR W	750	25 S4	80 oct. N.
Mauks (Blackwell,Okla)	2.7 S;hwy W	987	26 S4	80 oct. P-line E.
Medicine Lodge (Kans)	2.1 SE;RR S	1520	33 S2	80 oct.
(P) Muskogee AAF (Okla)	5.5 S;RR W	610	56h	Hill SW.
North (Enid, Okla)	3.8 N;RR E	1265	26 S6	80 oct.
Nowata (Okla)	1.6 NNE;RR W	600	26 S6	80 oct.
OKLAHOMA CITY Range (Okla)	350 (OL) (116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Okmulgee (Okla)	3 NNE;hwy W	715	43h L5 S6	80 oct. Ctc lgts prior
Olustee (Altus,Okla)	10 SE;riv E	1338	45h	CLOSED req.
(A) Pampa AAF (Tex)(A)	12.3 E	3124	65h	CLOSED.
* Pampa Int,4,AQ-KC	1.9 NE;RR S	3197	50 L3 S1	80,91 oct. (Tex)
Parsons (Kans)	2 NW;RR S	936	22 S2	80 oct. Soft in wet weathe
Pawhuska (Okla)	3.8 W;RR E	1000	27 L S1	80 oct. Port rnwy lgts. P-line NE.
(A) Perry (Okla) (A)	6.6 N;hwy W	1008	52h	CLOSED.
(P) Perryton (Tex)	3 ENE; RR NW	2942	30 S4	80 oct. No sto. Allway fld. P-line SE, windmill
PHILLIPS Tower (Okla)	278		CI	3105 (on req) SW.
Phillips (Bartlesville)	1.7 WNW	750	35h L4 S2	80,91 oct. (Okla). Hwy S.
Plains (Kans)	1.3 NNE;hwy N	2772	30 S2	80 oct. P-line S,E.
PONCA CITY H Fac (Okla)	368(PC)(116.1)		MHTV	(4);116.1,122.1
(P) [Ponca City] (Okla)	2.3 NNW;RR S,E	998	36h L4 S6	73,87 oct. Antenna bet. twr & hangar, lgtd.
Ponder (Mangum,Okla)	1.6 N;hwy S	1585	29 L S2	90 oct. Bndry lgts prior
POST Tower (Ft.Sill,Okla)	201 (126.18)		CA	(3); 126.18 (8-18) req.
(A) Post (Ft.Sill,Okla)(A)	3 N	1170	50h L5 S4	Ltd 100 oct.
Pratt Mun. (Kans)	2.5 ENE;hwy S	1916	25 S6	73,80 oct.
(A) Pratt AAF (Kans) (A)	4 N;hwy E	1960	80h	CLOSED.
Roosevelt (Okla)	0.5 NW;rd N	1480	24 S2	73 oct. P-line N.
Sapulpa (Okla)	1.5 ENE;RR W	730	26	P-line S.
Satanta (Kans)	1 N;RR S	3050	26 S2	80 oct.
Sayre Mun. (Okla)	8.5 SSW	1937	50h	
Archer (Sayre,Okla.)	2.3 N;hwy W	1990	26 S6	80 oct.
Seminole (Okla)	3.4 NNW;hwy E	1012	35 S6	80 oct. Trees W,NW.
Sentinel Memorial	0.8 SSW;RR W	1600	24 S2	80 oct. (Okla)
(P) Shawnee (Okla)	2 NW;RR E	1080	42h L5 S6	80,91 oct. Fld lgts prior
Stafford (Kans)	2.6 WSW;RR N	1889	26 S6	80,91 oct. Poles N,S req.
Stark (Coldwater,Kans)	0.7 NE;RR SE	2100	29 S2	80 oct. Poles N,S,E,SE
(P) Stillwater #1 (Okla)	3.2 NNW;hwy E	985	50h L3	NE.
Stillwater #2 (Okla)	5.6 SSE;hwy W	980	29 S6	73,80 oct.
Strickland(Hazelton,Kans)	2.6 E;RR S	1310	26 S6	73,80 oct. Poles E,N.
Stroud Int,29A,AQ-LS	3 N;hwy W	883	27 L3	P-line W lgtd. (Okla)
Sulphur (Okla)	1.5 NW;hwy S,E	1060	28	Trees NW.
TINKER Army Rng (Okla)	221 (DTE)	170°,5.3	BMRAZ	4495
(A) Tinker (Okla.City,Okla)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct. JP-1 (A)
Tonkawa (Okla)	1.6 S;riv NW	1000	25 S2	80 oct. P-line S,E.
TULSA Range (Okla)	245(TS)(116.1)	225°,1.0	SBRAZ-DTV	(3); 116.1, 122.1
TULSA Tower (Okla)	278 (126.18, 118.5)		AC (ILS)	(4); 118.5,126.18, 122.5
(A) [Tulsa] (Okla)	6.2 NE;RR S	674	71h L6 S6	73-91 oct. 73,100 oct.
Tulsa North (Tulsa, Okla)	4.5 NNW;RR E	700	25 S2	80,87 oct. Army Poles S,SW,SE.
Turkey (Tex)	2.7 SSW;hwy E	2350	18 S2	80 oct.
Twitty Int,8A,AQ-LS	1 SE;hwy W	2225	38 L3	(Tex)
Vernon (Tex)	5 N;hwy E	1250	43h S6	73,80 oct. No sto.
Vernon Int,15,AQ-FV	8.8 NNW;hwy E	1332	32 L3	(Tex)
Vici (Okla)	0.7 SW	2265	24 S1	80 oct. Trees N.
Victory (Clinton,Okla)	2 S;hwy W	1540	27 S6	80 oct.
Victory (Vernon, Tex)	5.9 SSW;hwy E	1230	32 S6	80 oct.
Walker (Ada,Okla)	5.4 S;hwy W	860	32	PRIV. Trees sur fld.
Walker (Altus,Okla)	1.6 W;RR E	1400	26 S4	80,91 oct. P-line N.
Walters (Sedan,Kans)	8 N;hwy W	1000	26	PRIVATE.
Walters (Okla)	1.2 SW;RR E	1005	26 S6	80 oct.
Watonga (Okla)	1.2 NW;hwy S	1460	26 S6	80 oct.
Waynoka-Kelsey (Waynoka, Okla)	3.4 NNE;RR SE	1500	21 S2	80 oct. P-line N,NE.
Weatherford (Okla)	2.7 ENE;hwy S	1550	27 S6	80 oct. P-line N.
Wellington (Tex)	1 SE;hwy W	2100	17 S1	80 oct. P-line S.
Wewoka,com.(Okla)	1.8 W;lk N	905	23 S6	73,80 oct. P-line NNE
(P) Wewoka,mun.(Okla)	4.7 NE;hwy N	790	30	
White Bros.(Lamont)	2 WSW;RR E	1000	24 S2	80 oct. (Okla)
WICHITA Range (Kans)	332(WD)(vhf)	167°,1.0	SBRAZ-DTV	(3);116.1, 122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18, 118.7
(NG) [Wichita] (Kans)	5.3 SE;hwy W	1373	75h L6 S6	80,91 oct. Army 100 oct
Will Rogers,36,AQ-LS	1.5 NE;RR W	649	29 L3 S6	73 oct. (Claremore,
WILL ROGERS Tower (Okla City,Okla)	272 (118.7)		AC (ILS)	(4);118.7,126.18, Okla) 122.5
[Will Rogers] (Okla.City)	7.5 SW;hwy E	1283	57h L6 S6	91,80,100 oct. (Okla)
(P) Woodring (Enid,Okla)	5 ESE;RR NW	1159	65h L S6	80 oct. Lgts prior req.
Woodward (new) (Okla)	7.5 W;hwy S,E	2187	55h L5 S2	80,91 oct. Lgts on req.
Woodward (mun) (Okla)	1.5 SE;hwy W	1918	21 L1 S6	80,91 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

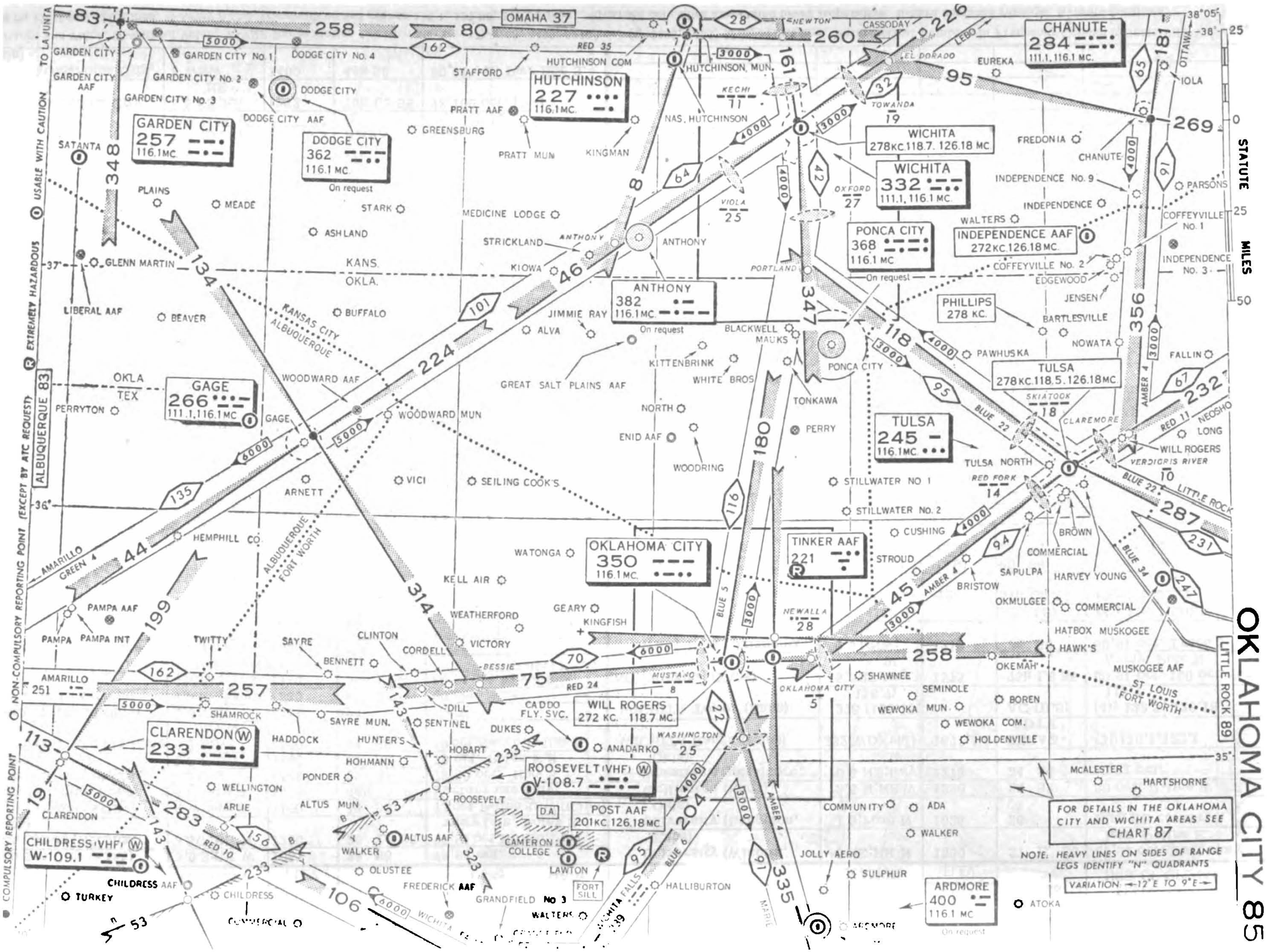
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
TULSA	110.3	335	354°	IM-	MM- (0.65) OM- (4.82)
				MMH-	OMH- 263
WICHITA	110.3	335	3°	IM-	MM- (0.69) OM- (5.37)
				MMH 201	OMH- 317
WILL ROGERS	109.9	333.8	350°	IM-	MM- (0.66) OM- (4.6)
				MMH-	OMH-

NEW FACILITIES

CHILDRESS Range (Tex)	109.1 (GM)		VARW	
ROOSEVELT Range (Okla)	108.7 (RQ)		VARW	
→ Arnett (Okla)	Adj NNE	2450	23 S1	73 oct.
→ Beaver (Okla)	1 SSW;hwy W	2500	30 S1	80 oct.
→ Bristow (Okla)	1.3 WNW;lk E	725	22 S6	80 oct. Trees NE,SW.
→ Fallin (Vinita,Okla)	1.5 NW;RR S	780	26 S2	80 oct. P-line E,N,NE.
→ Davis (Healdton,Okla)	1.3 E;crk W	800	20 S2	80 oct. S,SW.
→ Hartshorne (Okla)	1 NNW	700	13	Emerg. use only.
→ Hawk's (Henryetta,Okla)	1 N;rd N,E	862	18 S2	80 oct.
→ Jolly Aero (Davis,Okla)	3 S;hwy NNW	800	17	Pwrline NNW. Emerg. only
→ Kingfish (Hinton,Okla)	3.7 N;hwy W	1545	18	
→ Okemah (Okla)	1 E;city W	870	33 S6	80 oct. P-line N,NE.
→ Seiling-Cook's (Seiling)	Adj E	1700	20	P-line N;trees S. (Okla)
→ Shamrock (Tex)	1.3 SSE;hwy N	2395	23 S1	80 oct. P-line S.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) * – Guarded only when associated tower inoperative.

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) → New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


OKLAHOMA CITY 85
STATUTE MILES
25
0
25
50
OMAHA 37
TO LA JUNTA
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
ALBUQUERQUE 83
AMARILLO
GARDEN CITY
GARDEN CITY AAF
GARDEN CITY No. 1
GARDEN CITY No. 2
GARDEN CITY No. 3
DODGE CITY No. 4
DODGE CITY
DODGE CITY AAF
GARDEN CITY 257 116.1MC.
DODGE CITY 362 116.1 MC. On request
HUTCHINSON 227 116.1MC.
HUTCHINSON COM
HUTCHINSON, MUN.
NAS, HUTCHINSON
STAFFORD
PRATT AAF
PRATT MUN
KINGMAN
GREENSBURG
SATANTA
PLAINS
MEADE
STARK
ASHLAND
MEDICINE LODGE
STRICKLAND
ANTHONY
KIOWA
GLENN MARTIN
LIBERAL AAF
BEAVER
BUFFALO
KANS.
OKLA.
KANSAS CITY
ALBUQUERQUE
ALVA
JIMMIE RAY
ANTHONY 382 116.1MC. On request
GREAT SALT PLAINS AAF
KITTENBRINK
WHITE BROS
BLACKWELL
MAUKS
PONCA CITY
OKLA
TEX
PERRYTON
GAGE 266 111.1,116.1MC
WOODWARD AAF
WOODWARD MUN
NORTH
ENID AAF
WOODRING
PERRY
TONKAWA
ARNETT
VICI
SEILING COOK'S
HEMPHILL CO.
AMARILLO GREEN 4
ALBUQUERQUE FORT WORTH
PAMPA AAF
PAMPA
PAMPA INT
TWITTY
SAYRE
CLINTON
CORDELL
BENNETT
VICTORY
BESSIE
MUSTANG
RED 24
AMARILLO 251
SHAMROCK
SAYRE MUN.
SENTINEL
DILL
HADDOCK
HUNTER'S
HOHMANN
HOBART
DUKES
CADDO FLY. SVC.
WILL ROGERS 272 KC. 118.7 MC.
ANADARKO
WASHINGTON
CLARENDON (W) 233
CLARENDON
WELLINGTON
PONDER
ARLIE
ALTUS MUN
ROOSEVELT (VHF) (W) V-108.7
ROOSEVELT
DA
POST AAF 201KC 126.18MC
CAMERON COLLEGE
ALTUS AAF
WALKER
OLUSTEE
LAWTON
FORT SILL
FREDERICK AAF
GRANDFIELD NO 3
WALTERS
CHILDRESS (VHF) (W) W-109.1
CHILDRESS AAF
CHILDRESS
TURKEY
COMMERCIAL
WICHITA FALLS
HALLIBURTON
JOLLY AERO
SULPHUR
ARDMORE 400 116.1 MC On request
ATOKA
OKLAHOMA CITY 350 116.1MC.
WATONGA
KELL AIR
WEATHERFORD
GEARY
KINGFISH
NEWALLA 28
TINKER AAF 221
STILLWATER NO 1
STILLWATER No. 2
CUSHING
STROUD
BRISTOW
SAPULPA
OKMULGEE
SHAWNEE
SEMINOLE
WEWOKA MUN.
WEWOKA COM.
HOLDENVILLE
BOREN
OKLAHOMA CITY 5
McALESTER
HARTSHORNE
COMMUNITY
ADA
WALKER
FOR DETAILS IN THE OKLAHOMA CITY AND WICHITA AREAS SEE CHART 87
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 9°E
CHANUTE 284 111.1, 116.1 MC.
EUREKA
EL DORADO
NEWTON
CASSODAY
LEBO
TOWANDA
WICHITA 278KC.118.7. 126.18 MC
WICHITA 332 111.1, 116.1 MC.
OXFORD
VIOLA
PONCA CITY 368 116.1 MC On request
PORTLAND
INDEPENDENCE AAF 272KC.126.18MC.
FREDONIA
CHANUTE
INDEPENDENCE No. 9
INDEPENDENCE
WALTERS
COFFEYVILLE No. 1
COFFEYVILLE No. 2
EDGEWOOD
JENSEN
INDEPENDENCE No. 3
PARSONS
PHILLIPS 278 KC.
BARTLESVILLE
NOWATA
PAWHUSKA
FALLIN
TULSA 278KC.118.5.126.18MC.
SKIATOOK
CLAREMORE
TULSA 245 116.1MC.
TULSA NORTH
RED FORK
NEOSHO
LONG
WILL ROGERS
VERDIGRIS RIVER
LITTLE ROCK
IOLA
OTTAWA
BROWN
COMMERCIAL
HARVEY YOUNG
HATBOX MUSKOGEE
HAWK'S
MUSKOGEE AAF
OKEMAH
ST LOUIS FORT WORTH
TINKER AAF
BLUE 22
BLUE 34
AMBER 4
RED 11
RED 10
RED 24
BLUE 5
BLUE 6
MARIETTA
83
258
80
162
28
260
226
161
181
95
269
348
8
64
42
27
25
32
19
65
91
356
347
118
67
232
231
247
287
10
14
94
45
28
258
257
75
70
143
113
19
283
156
53
204
335
91
95
180
116
134
46
101
224
37°
36°
38°05'
38°
35°
5000
4000
3000
6000

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Arkansas City (Kans)	3.5 S;RR W	1067	28 S6	73,91 oct.
Arther Arfld (Wichita, Kans)	3 SW;RR N	1290	26 L S6	73,91 oct.No sto.Port rnwy lgts. Poles S.
Baird (Arkansas City)	4 W;hwy S	1100	17 S2	73 oct.P-line S,SW.(Kans)
Beech (Wichita, Kans)	6 E;hwy N	1378	46h	Factory use only.
Bomhoff (Calumet,Okla)	4.1 SSE	1448	25 S6	73,80 oct. Hwy S
Caldwell (Kans)	1.2 E;RR W	1140	21 S2	73 oct. Poles E,S.
Cannon Ball (Wichita,Kans)	6.5 WSW; hwy N	1300	24 S6	80 oct.No sto.P-line N.
Central (Edmond,Okla)	2.6 NNE	1211	24	RRW.
Cessna Acft.(Wichita)	4.5 SE;hwy W	1369	53 S2	80 oct. (Kans)
(P) Chickasha (Okla)	4 NNW;riv S	1140	35h L S6	80,91 oct.Flood lgts.
Cimmarron (Yukon,Okla)	4 WSW;hwy N	1350	20h	P-line NE,E.
Culver (Wichita, Kans)	4 N;hwy W	1320	15h	
Derby (Kans)	1 NNE;RR W			ABANDONED
El Dorado (Kans)	3.6 SE;hwy W	1400	25 S6	80 oct.Soft,wet weather.
(P) El Reno (Okla)	1.5 SW;RR N	1400	26 L S6	80,91 oct.Port rnwy lgts.
Frasier (El Dorado,Kans)	2.5 S;riv W	1300	25 S6	80 oct.Poles E,NE.
Garthoeffner Co. Club (Oklahoma City, Okla)	See Country Club under "New Facilities" - name changed.			
Guthrie Mun	2 SSE;hwy W	1052	26 L3 S6	80 oct. (Okla)
Hilltop (Augusta, Kans)	2 NE;RR SE	1260	20 S1	73 oct.
Ken-Mar (Wichita,Kans)	3 ENE;RR N	1375	23 L S6	80 oct.No sto.Port rnwy lgts. Obsts.
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Lake View (Yukon, Okla)	2.7 E;RR N	1275	24 S1	80 oct.Poles N,S.
Mariash (Chickasha,Okla)	2 SSE;RR E	1275	30 S2	80 oct. Data unver.
Marlow (Okla)	1.6 N;RR E	1145	22 L2 S6	80 oct.Fld lgts prior req. Poles NW.
Max Westheimer (Norman, Okla)	2.7 NW;RR E	1178	50h S6	80, 91 oct.
(P) Mustang (El Reno,Okla)	5.3 SSW	1400	52 S6	80,91 oct.
Newkirk Skypark (Okla)	2.5 SE	1140	29	P-line N,NW. RR SW.
(N) Newton OLF (Kans) (N)	4 ENE;rd S	1527	70h S6	80,91 oct.P-line W,N.
Nuckols (Okla.City, Okla)	7.2 SSW; hwy W	1265	30 S6	80 oct.Poles N,W,SW.
OKLAHOMA CITY Range (Will Rogers) (Okla)	350(OL)(116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Pauls Valley (Okla)	2.1 S;RR E	967	35h L1 S4	80,91 oct.
Purcell-Lexington (Lexington, Okla)	See Lexington-Purcell under "New Facilities" - name changed.			
Rawdon (Wichita, Kans)	6.7 E;hwy S	1396	26 L S6	73 oct.Port rnwy lgts.
Riverside (Wichita, Kans)	4 NNW;riv E	1310	26 S1	80 oct. Poles sur fld.
(A) South (Winfield, Kans)(A)	14 SSW	1230	40h	CLOSED.
(P) Strother (Winfield, Kans)	5 SSW;hwy S	1150	58h	
TINKER Army Range (Okla)	221 (DTE)	170°,5.3	BMRAZ	4495
TINKER Tower (Okla)	396 (126.18)+		CA	(3); 126.18
(A) Tinker (Oklahoma City, Okla) (A)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct. JP-1
Tulakes (Oklahoma City, Okla)	8 WNW	1400	44h S6	80,91 oct. Pwr line S.
University (Wichita, Kans)	5 NE;RR N	1350	27 L S6	80,91 oct. Port rnwy lgts. P-line E.
University (Langston, Okla)	1 S;road N	1025	26	Bldg SE corner.
Wellington (Kans)	3.5 N;RR W	1290	23 S2	80 oct. P-line W,E,S.
Wheatley Arpk (Moore, Okla)	0.6 NE;hwy W	1273	24 S6	80,91 oct.
WICHITA Range (Kans)	332(WD)(vhf)	167°,1.0	SBRAZ-DTV	(3);116.1,122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(NG)[Wichita] (Kans)	5.3 SE;hwy W	1373	75h L6 S6	80,91 oct. 100 oct. for Army. Pole N
Wiley Post (Oklahoma City, Okla)	7.9 NNW; hwy E	1216	34 S6	80,91 oct. Trees S.
WILL ROGERS Tower (Okla)	272 (118.7)		AC (ILS)	(4); 118.7,126.18,122.5
[Will Rogers] (Oklahoma City, Okla)	7.5 SW;hwy E	1283	57h L6 S6	80,91,100 oct.
Wilson (Wichita, Kans)	7.5 NE;RR N	1410	29 S6	73 oct. No sto.
Winfield (Kans)	2 E;RR S	1200	22 S2	73 oct. Lgt acft only Pwr line N.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WICHITA	110.3	335	3°	MM- • — • — (0.69)	OM- — — (5.37)	
				MMH-201 — •••	OMH- 317 • — —	
WILL ROGERS	109.9	333.8	350°	IM- MM- • — • — (0.66)	OM- — — (4.6)	
				MMK-	OMK-	

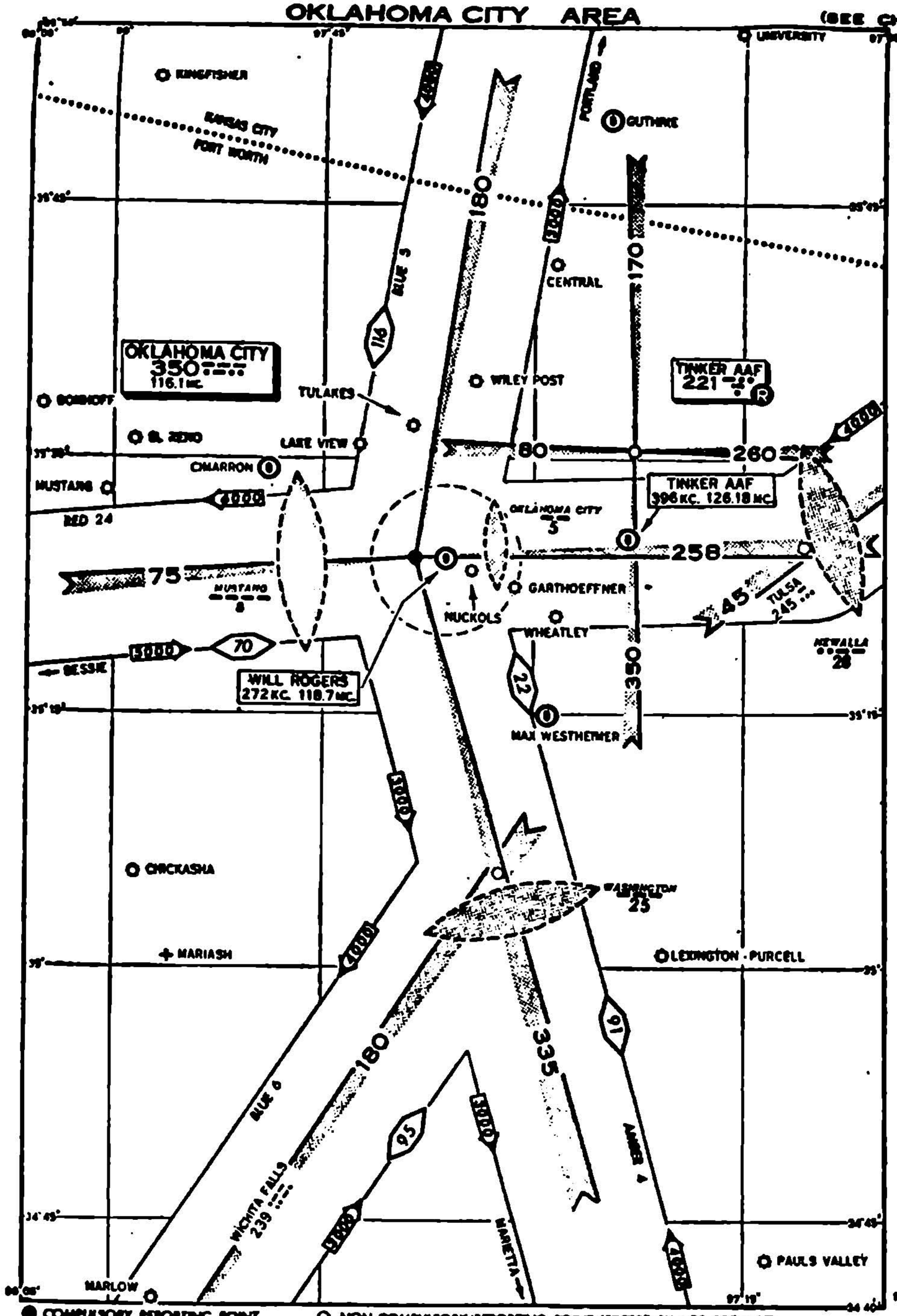
NEW FACILITIES

Lexington-Purcell (Lexington,Okla.)	0.8 WSW; riv W	1100	21 S1	80 oct.No sto.
Country Club (Okla.City, Okla)	7.3S;hwy E	1250	19h S6	80 oct.

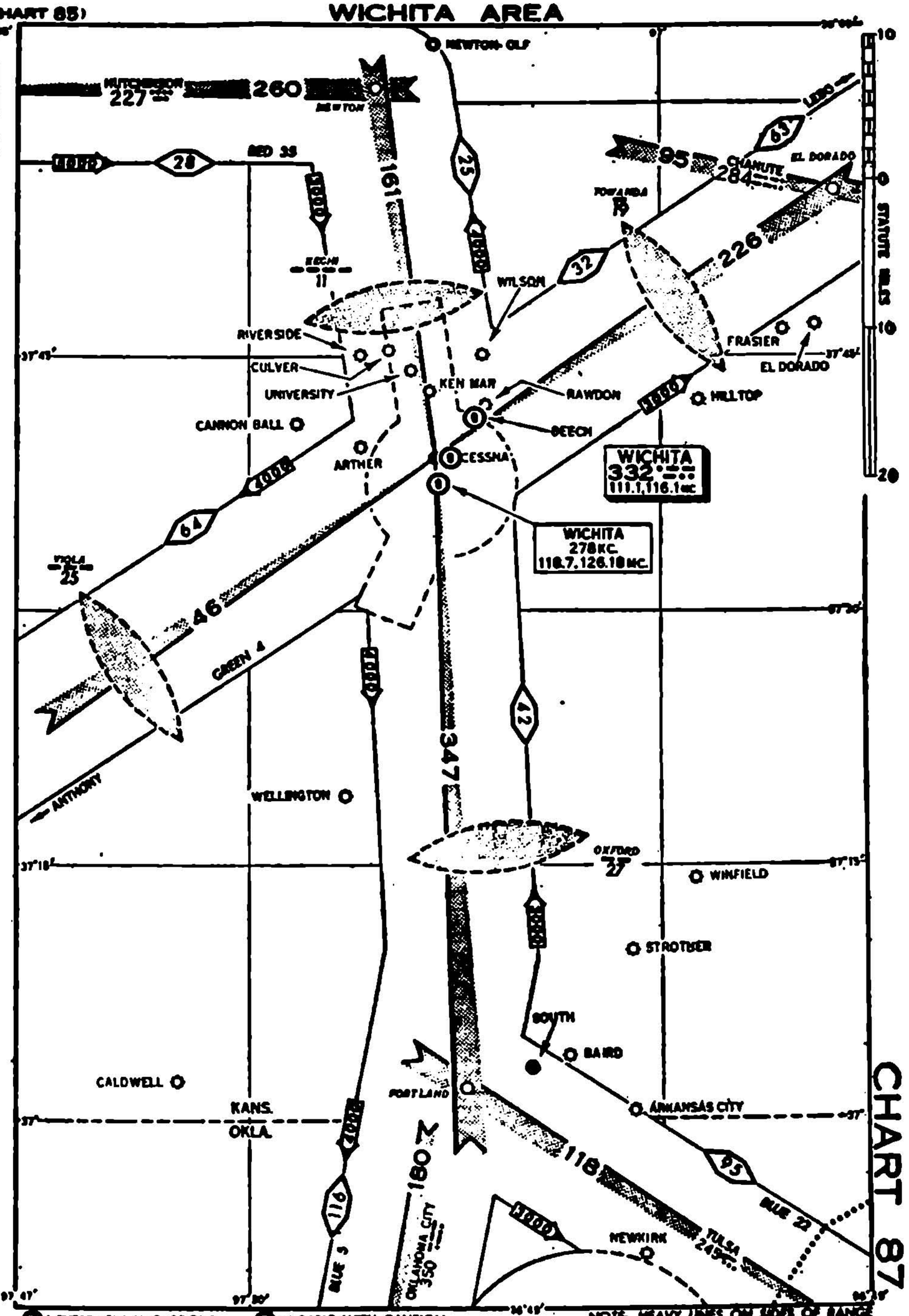
S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

OKLAHOMA CITY AREA

(SEE CHART 85)



WICHITA AREA



● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓐ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS

CHART 87

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ADAMS Tower (Ark)	278 (126.18, 118.5)		C	(4); 126.18,118.5, 122.5 (7-23)
(NG) [Adams] (Little Rock, Ark)	4 E;RR W	260	52h L5 S6	80, 91 oct. 73,100 oct, JP-1,2-ech maint NC.
ADVANCE Range (Int) (Mo)	317(AF)(116.1)	354°, 1.5	SBMRAZ-DTV	(4);116.1,122.1
* Advance Int,48,NO-LS	0.8 WSW;RR S	355	29 L3	(Mo)
Alma (Ark)	1.5 ESE;rd S	450	23 S2	80 oct.P-line S.PRIVATE
American Legion (Blytheville, Ark)	1.5 ESE;RR N	260	26 S6	80 oct.P-line N,W. Stack E.
Arkansas Polytechnic (Russellville, Ark)	1.3 N;hwy W	350	23 S6	80 oct. P-line SE.
(P) Atkinson (Pittsburg, Kans)	2.5 NW;RR W	948	40h L S6	80 oct. Port rnwy lgts
Bailey (Cabot, Ark)	0.5 W;RR E	270	16 S1	80 oct.Trees sur fld.
Bass (Lula, Miss)	2.2 SSE	200	13 S1	80 oct.N blckd.Hwy E
Batesville (Desha, Ark)	1 SE;hwy E	400	20 S1	73 oct.P-line NE.
* **Batesville Int,29,NO-LS (Miss)**	3 W;hwy SE	205	25 L3	Poles N, lgtd.
Benton (Ark)	1.6 W;RR S	300	20 S6	80 oct. Poles S.
Bentonville (Ark)	1.5 SSW;RR N	1200	24 S1	80 oct.
Berryville (Ark)	1.3 WNW	1150	13 S1	73 oct,Trees S,RR E
Biggers (Ark)	2 ESE	290	45	RR NW.
BLYTHEVILLE Range (Ark)	221 (LY)	226°, 14.2	RLWZ	
(P) Blytheville	3 NW;RR SW	254	50h	CLOSED (Ark)
Bolivar (Mo)	1.8 WSW	1138	25 S2	80 oct.Poles N.Hwy N
Bowden (Mena, Ark)	1 E;RR NW	1177	16 S1	73 oct.
Bowen (West Memphis, Ark)	1.5 W;hwy N	215	17 L S6	80 oct. Flood lgts.; port rnwy lgts.Poles
Branson (Mo)	4 W;hwy W	1089	21 S1	80 oct.Trees SW SE.
(P) Brinkley,37,DL-LV (Ark)	1 E;RR N	188	31 L3 S1	80 oct. days.Obst NW.
Cabool (Mo)	0.8 SW		18 S1	80 oct. Data unver.
Cape Commercial (Mo)	4.8 SW;RR S	340	28 S6	80,91 oct.8'dike S.
Carbondale (Ill)	1 E;lk 1.5 SW	450	23 S6	80 oct.
(A) Carlisle (Stuttgart)(A)	26 NW;RR S	236	45h	CLOSED (Ark)
Carthage (Mo)	2 S;hwy E	1007	23 L S4	80 oct.Port rnwy lgts. P-line W, SW.
Cassville (Mo)	3.9 S;hwy E	1375	24 S2	80 oct.Trees SW.
Central (Little Rock)	4.5 NE;RR S	255	35 S4	80 oct.Trees W.Data un-
Charleston (Mo)	1 ESE;RR NW	300	31 S2	80 oct.Poles Slver (Ark)
Chester (McBride,Mo)	3.8 NW;riv N	372	20h	Allway: 5388 x 4695'
Clarksdale (Miss)	1.5 SE;hwy NW	175	21 L1 S6	80 oct.P-line N
Commercial (De Witt)	2.4 W;RR N	196	24 S4	80 oct.P-line E. (Ark)
(P) Conway (Ark)	1.5 SE;hwy W	309	32 S6	80,91 oct.
Cooter (Blythev'l,Ark)	10 NE	260	40h	
Copp (Calico Rock,Ark)	1.8 N	425	18 S1	80 oct. Fence S.
Dexter (Malden, Mo)	12.5 NNE	215	45h	
Dockery (Stuttgart,Ark)	1.5 NNW	214	24 S2	73,80 oct.P-line N,S,E
Diamond (Mo)	2.1 SSW;RR S	1150	19 S2	80 oct.P-line N,NE,SE
(A) Dyersburg AAF (Tenn)	9 S;RR E	289	62h	CLOSED. (A)
Dyersburg Mun.(Tenn)	2 SW;riv N	337	40h S4	80 oct. No sto.
Earl Fields (Poplar Bluff, Mo)	3.8 ENE; hwy S	325	32 S6	80,91 oct.
Embry Riddge (Union City, Tenn)	5 ESE;riv WNW	340	18h	Allway: 4620 x 3960'
Erwin (Newport,Ark)	2.5 SSE	220	45h	
Farmington (Mo)	1 ESE;hwy N,E		35 S6	80 oct.Data unver.
Farmington Flying Service (Mo)	0.8 NNE; hwy S			ABANDONED
(P) Fayetteville (Ark)	3.8 S;RR W	1251	38 S6	73 oct.
Fleeman (Manila,Ark)	0.8 S;RR N	240	32 S2	80 oct.P-line N,NE.
Fletcher (Clarksdale)	8 NNE;RR W	175	20h S6	80, 91 oct. (Mo) P-line
Forrest City (Ark)	0.7 W;hwy SE	226	22 S2	80 oct. Bldg S. S
Fort Scott (Kans)	4.5 SW;hwy S	900	28 S2	80 oct.
(P) [Fort Smith] (Ark)	4 SSE;RR S	450	35h L5 S6	80,91 oct.P-lineESE,SSW
(A) Gideon (Malden, Mo)	1 SE Gideon	268	45h	CLOSED.
Gilbrech (Palmer, Ark)	0.2 NE;RR S	178	17 S2	80 oct.N/S strip rough.
Girard (Kans)	1.7 WNW	950	14	Trees E.RR E.Poles W.
Greig (Van Buren,Ark)	4.1 E;riv 1.5 S	450	13	RR 1.5 mi N.
(P) Grider (Pine Bluff,Ark)	5.5 SE;hwy N	210	45 L S6	80,91 oct. Port rnwy lgts
Harlas (Malvern,Ark)	2.1 WSW	275	26 S4	73 oct.P-line NE.RR SE
Harris (Cape Girardeau, Mo)	6.5 SSW; hwy E	340	20h S6	80,91 oct.
Harrison (Ark)	4.1 NW;RR S	1380	32 S1	80 oct.
Harvey Parks (Sikeston, Mo)	2 NE;RR S	315	66	P-line W.Allway area
(A) Hazen(Stuttgart,Ark)(A)	18.7 NNW	225	45h	CLOSED. RR N
Heavener (Okla)	2 N;RR W	575	27	Use in emerg. only.
J.B.Wilson (Joiner,Ark)	0.5 ENE	225	15	Trees NE. Hwy W.
Jameson (Picher,Okla)	4.5 W			ABANDONED
John Brown Universtiy (Mosley,Okla)	3.6 ESE; hwy S	1183	27 S4	80 oct. Caution.
John's Arpk.(Flippin)	0.3 NNW	620	27 S1	80 oct.N,SE,S,NW blkd.
(P) Jonesboro (Ark)	3.5 ESE; RR N,SW	264	44h S6	80,91 oct.Use (Ark) rnwys.
JOPLIN Range (Mo)	400(JH)(vhf)	172°, 6.2	BMRLZ-DTV	(4);116.1,122.1
(P) [Joplin] (Mo)	5 NNE;RR N	981	43h L4 S4	80, 91 oct.
Kennett (Mo)	1.3 E;RR W	260	26	30' poles N.
Kennon (Union City, Tenn)	3.2 WSW; hwy N			ABANDONED
King (Houston,Mo)	0.8 WNW	1180	15 S1	80 oct.Poles S.Hwy ESE
* Lebanon Int,54B,AQ-LS	2.5 SSE	1380	26 L3 S6	80 oct.(Mo.) Hwy E.
Levee (W.Memphis, Ark)	2.4 E;RR N	215	24 L S4	80,91 oct.Port rnwy lgts P-line N,S.
LITTLE ROCK Range (Adams) (Ark)	353 (LI) (116.1)	313°, 3.8	SBRAZ-DTV	(3); 116.1, 122.1
* Luxora Int,39,NO-LS	1 WNW	240	31 L2	(Ark). Hwy S.
McFarland (Springfield)	4 SSE;RR E	1310	21 S4	73,80 oct. (Mo)
(P) McLaughlin (Hot Spgs, Ark)	3 SW;RR N	525	41h L5 S6	80,91 oct.Bldg,twr N. Rnwy lgts prior req.
Macarin (Marion, Ill)	4.6 WNW	470	35 S6	80,91 oct. Hwy W.
(A) Malden AAF (Mo)(A)	3.5 NW;RR E	296	50h	CLOSED.
(A) Manila (Blythev'l,Ark)	13.5 W;lk E	240	75	CLOSED. (A)
Marks (Miss)	1.5 NW;hwy N	165	22 S2	73 oct.P-line S.
MEMPHIS Range (Tenn)	371 (PS) (116.1)	356°, 2.1	SBRAZ-DTV	(3); 116.1, 122.1
MEMPHIS Tower (Tenn)	278 (126.18, 118.7)		AC (ILS)	(4); 126.18,122.5,118.7 See Notice to Airmen
(A) [Memphis] (Tenn)	5.9 SSE; RR NE	269	52h L6 S6	73-100 oct JP-1 Rdo rqrd.Obst W,SE,S,NW
Memphis Flying Service (Tenn)	11 SE;RR 3 NW	286	35 L4 S6	80,91 oct.P-line S.No bcn.Lgts prior req. Rnwy lgtg data unver.
MEMPHIS NAS Tower	293 (142.74)		CN	3105; 142.74 (6-24)
(N) Memphis NAS (Tenn) (N)	16 NNE;RR NW	322	50h L5 S6	73,91,100 oct.
(P) Miami (Okla)	2.2 NNW	800	33h L1 S6	80,91 oct. RR E Lgts on req
Milltown (Newport,Akr)	13 NE	244	45h	
Monett (Mo)	0.5 NE;hwy S	1462	24 S2	80 oct.
Monkey Island (Afton, Okla)	7.8 SE;RR NW	750	26 S1	80 oct.P-line W.
Murphysboro (Ill)	3 N;riv SE		20 S1	80 oct. Data unver.
Neosho com. (Mo)	4.8 NNW	1140	26 S1	80 oct.Poles SW.Hwy W
Neosho mun. (Mo)	2.8 SW;hwy E	1215	26 L3 S2	80 oct.Poles N,antenna
(P) Nevada (Mo)	3 NE;hwy N	850	40 S4	73 oct.P-line SW,W,E.
Newport (Ark)	6 ENE;hwy N	237	50h	
Norman (Ola, Ark)	1.8 NNE	348	28	P-line SE. Hwy E.
North Cairo (Cairo,Ill)	3 NNW	312	24 S4	73 oct. RR E
Overholt (Cotton Plant)	3 W;RR NE	250	18 S1	Ltd 80 oct. (Ark)
(P) Oxford (Miss)	8 S;riv N,W	400	30 S2	73 oct.
Paris (Ark)	1.8 NE;RR S	500	23 S1	80 oct.P-line W,E,SW.
Poteau (Okla)	1.5 SSW	460	17	RR NW,E
* Prairie du Rocher Int, 55, NO-LS (Ill)	0.5 S;RR NE	390	37 L3	Trees S, N.
(A) Prairieville (Stuttgart, Ark) (A)	8.2 SE.	205	45h	CLOSED.
Ramsey (Campbell,Mo)	1.6 SW;RR NW	295	14 S2	Ltd 73 oct.Trees NNE.
Rogers (Ark)	2.7 N;RR S	1325	32 S1	80 oct. P-line SE.
Rogers Arpk (Springfield, Mo)	2.1 E;hwy W	1367	38h L3 S4	80,91 oct. Lgts prior req.
Rolla (Mo)	3.5 NE;rd S	1201	31 L S6	80,91 oct.Port rnwy lgts
Round Pond (Ark)	1.5 NNW	200	22 S2	80 oct. Hwy N.
(P) Sanders (Walls,Miss)	1.8 S;hwy NW	210	40 S6	73,80 oct.Trees E.
Searcy (Ark)	2.8 S;RR E	260	14 S1	80 oct.P-line NE,SE.
Sexton (Kennett,Mo)	2.8 SW;hwy E	263	26 S2	80 oct.
Sky Haven (W.Plains,Mo)	2.4 NW	1049	22	RR E.
Sloan (Black Rock,Ark)	0.5 NE;RR W	270	16	
Smith (Hasty,Ark)	3.3 SSW	1150	16 S1	80 oct. Rds S.
Springdale (Ark)	0.8 SSE; hwy W	1200	19 S4	80 oct. P-line NE,SW
SPRINGFIELD Range (Mo)	254 (SX) (vhf)	134° 4.3	SBRAZ-DTV	(4);116.1,122.1
(A) [Springfield] (Mo)	5.5 WNW; RR NE	1269	56h L5 S5	80,91,100 oct. 100 oct for Army
Steele (Blythev'l,Ark)	12.3 N	258	40h	
Stilwell (Okla)	1.4 N;RR W	1125	18 S2	80 oct.
STUTTGART (AAF) Range (Ark)	269 (DSA)	173° 4.7	MRLWZ	
(A) Stuttgart AAF (Ark)(A)	7 N;RR E	230	50h	CLOSED.
Tahlequah (Okla)	4.3 N;rd E	1050	22 S6	80 oct.
Thompson-Robbins (Helena, Ark)	6 NW;RR S	242	20h S6	73,80 oct.
Toney (Pine Bluff,Ark)	2.5 N;hwy W	215	28 S2	73,80 oct.Twr NW lgtd.
Tucker (Hughes,Ark)	1.1 S;RR W	205	26 S2	80 oct.
(A) Walcott #3 (Walnut Ridge, Ark) (A)	14 ESE	285	45h	1.5 W of Walcott. CLOSED.NOT MAINT
WALNUT RIDGE Range (Ark)	362 (DWR)	174°, 5.0	MRLWZ	
Walnut Ridge (Ark)	4 NE;RR SE	275	50h	
* Whiteville Int, 49, DL-LV (Tenn)	0.6 NNW;RR E	494	30 L3	
Wilson (Memphis, Tenn)	11.5 SE;hwy W	320	26 S6	73 oct.
Wynne (Ark)	3.2 N;RR E	212	17 S2	80 oct. P-line E, SE.

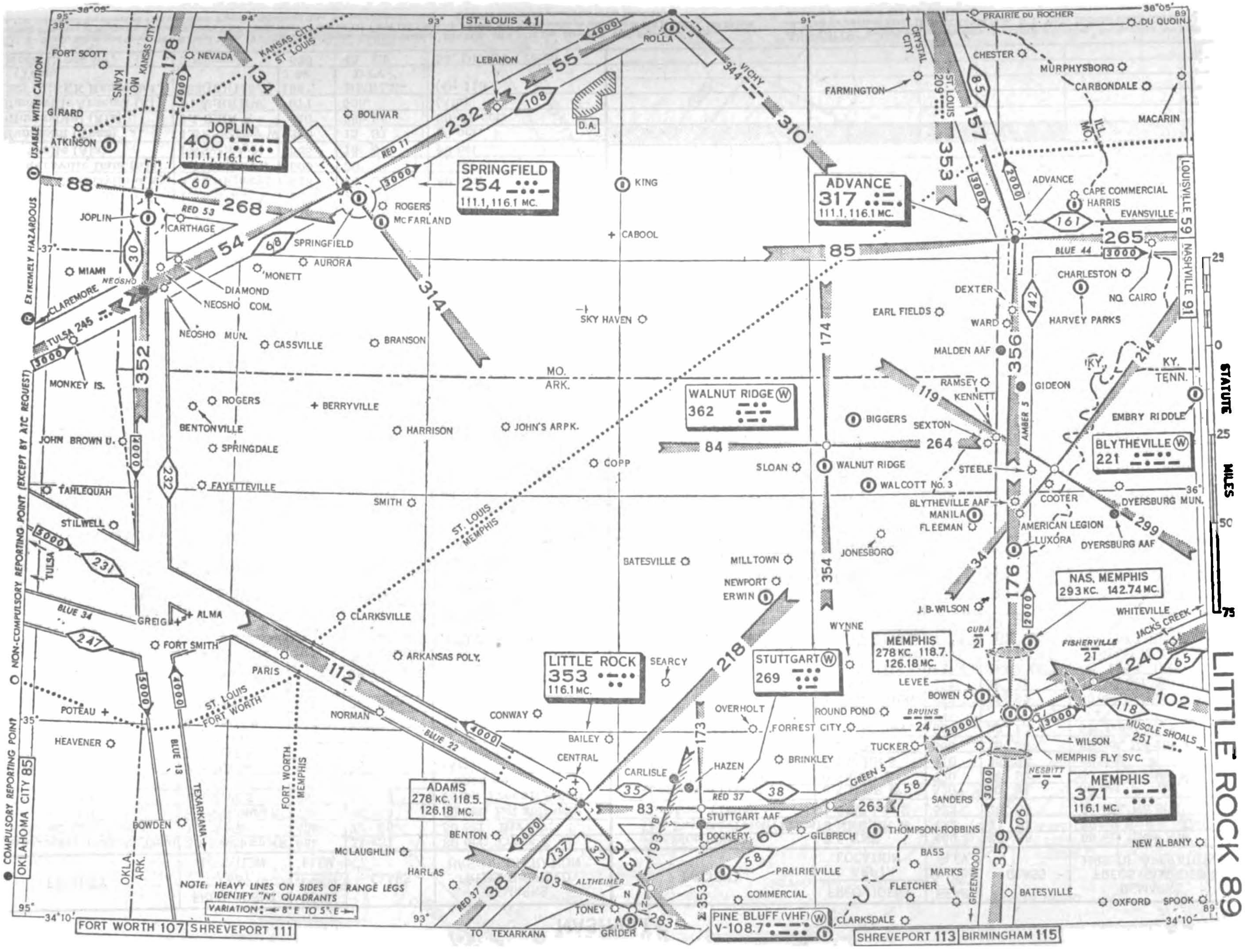
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kc's)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MEMPHIS	109.9	333.8	86°	IM-	MM- ·-·-· (0.69)	OM- — — (4.88)
					MMH-201 ···	OMH- 215 ·—·—
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
PINE BLUFF Range(Ark)	108.7 (PL)		VARW	
Clarksville (Ark)	2.5 E;hwy S	425	27 S1	P-line SE,WSW
Whitman (Ozark,Ark)	1.2 NNW		22 S1	80 oct. Hwy SW.
Martin (Memphis,Tenn)	6 ENE;RR N	258	22 S6	80,91 oct.P-line S.
Ozark Skyranch (Eureka Springs,Ark)	6.5 NW;riv E	1150	24 S1	80 oct.Trees,p-line W,NW. Caution.
Central (North Little Rock,Ark)	5 ENE;hwy S	255	35 S4	80 oct.Trees W.Caution.
Wright (Memphis,Tenn)	9 N;hwy,RR E	214	35 S2	80 oct.P-line E.
Morris (Oblon,Tenn)	0.3 NW	340	25	P-line S.
Uptown (Union City,Tenn)	1 NE;hwy SE	350	15 S4	80 oct.No sto.P-line S.
Keith (Henning,Tenn)	1 SW;RR SE	350	12 S1	80 oct.Trees W,SW,E.
Toloson (Mt.Ida,Ark)	0.3 N	650	24 S1	73 oct.P-line both ends.Soft.
Lessenburg (Parkin,Ark.)	1.3 SW;hwy E	200	12 S2	80 oct.Trees N
Patton (Clinton,Ark.)	2.1 S;hwy E	755	25	N,NE,S,SW blkd.
Owen (Seymour,Mo)	3 NE	1600	21 S2	80 oct.Use strip only.
Gainesville (Mo)	2 ENE hwy SW	1060	18 S1	80 oct.Trees NW.
Fredericktown (Mo)	4.8 S;hwy W	1000	15 S2	80 oct.Trees S,NE.Bldg N.
Clover Hill Exeter,Mo)	0.7 WNW	1530	13	Use strips only.
Harper (Joplin, Mo)	2.5 W;hwy N	1050	30 S6	80 oct.N,S,SW blkd.Poles
Van Buren (Mo)	3.5 NE;hwy W	560	24 S6	80 oct. NW,NE.
Willow Springs (Mo)	0.7 E	1220	20 S1	80 oct.N blkd.
Downing (Hayti,Mo)	1.5 W;hwy S	270	16 S2	80 oct.P-line S.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page III) —►NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


JOPLIN 400 111.1, 116.1 MC.
SPRINGFIELD 254 111.1, 116.1 MC.
ADVANCE 317 111.1, 116.1 MC.
WALNUT RIDGE (W) 362
BLYTHEVILLE (W) 221
NAS. MEMPHIS 293 KC. 142.74 MC.
MEMPHIS 278 KC. 118.7. 126.18 MC.
LITTLE ROCK 353 116.1 MC.
STUTTGART (W) 269
ADAMS 278 KC. 118.5. 126.18 MC.
MEMPHIS 371 116.1 MC.
PINE BLUFF (VHF) (W) V-108.7
ST. LOUIS 41
FORT WORTH 107
SHREVEPORT 111
SHREVEPORT 113
BIRMINGHAM 115
LITTLE ROCK 89
STATUTE MILES
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 8° E TO 5½° E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
OKLAHOMA CITY 85
TO TEXARKANA
FORT SCOTT
NEVADA
GIRARD
ATKINSON
JOPLIN
CARTHAGE
MIAMI
CLAREMORE
TULSA
MONKEY IS.
JOHN BROWN U.
TAHLEQUAH
STILWELL
FAYETTEVILLE
SPRINGDALE
ROGERS
BENTONVILLE
BERRYVILLE
HARRISON
JOHN'S ARPK.
SMITH
COPP
SKY HAVEN
CASSVILLE
BRANSON
NEOSHO
NEOSHO COM.
NEOSHO MUN.
DIAMOND
MONETT
AURORA
SPRINGFIELD
MCFARLAND
ROGERS
KING
CABOOL
BOLIVAR
LEBANON
ROLLA
D.A.
KANSAS CITY
ST. LOUIS
KANS.
MO.
ARK.
OKLA.
TEXARKANA
FORT WORTH
MEMPHIS
ST. LOUIS
FORT WORTH
ST. LOUIS
MEMPHIS
ALMA
GREIG
FORT SMITH
PARIS
POTEAU
HEAVENER
BOWDEN
MCLAUGHLIN
HARLAS
CLARKSVILLE
ARKANSAS POLY.
NORMAN
CONWAY
BAILEY
CENTRAL
SEARCY
ALTHEIMER
TONEY
GRIDER
BATESVILLE
MILLTOWN
NEWPORT
ERWIN
JONESBORO
WYNNE
CRYSTAL CITY
FARMINGTON
VICHY
PRAIRIE DU ROCHER
DU QUOIN
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
ILL.
MO.
ADVANCE
CAPE COMMERCIAL
HARRIS
EVANSVILLE
LOUISVILLE 59
NASHVILLE 91
CHARLESTON
NO. CAIRO
HARVEY PARKS
DEXTER
EARL FIELDS
WARD
MALDEN AAF
RAMSEY
KENNETT
BIGGERS
SEXTON
GIDEON
KY.
TENN.
EMBRY RIDDLE
STEELE
WALNUT RIDGE
WALCOTT NO. 3
SLOAN
BLYTHEVILLE AAF
MANILA
FLEEMAN
COOTER
DYERSBURG MUN.
AMERICAN LEGION
LUXORA
DYERSBURG AAF
J. B. WILSON
WHITEVILLE
JACKS CREEK
FISHERVILLE
CUBA
WILSON
MEMPHIS FLY SVC.
MUSCLE SHOALS
TUCKER
BOWEN
LEVEE
ROUND POND
FORREST CITY
OVERHOLT
BRINKLEY
HAZEN
CARLISLE
STUTTGART AAF
DOCKERY
PRAIRIEVILLE
COMMERCIAL
THOMPSON-ROBBINS
GILBRECH
SANDERS
BASS
MARKS
FLETCHER
GREENWOOD
NEW ALBANY
OXFORD
SPOOK
CLARKSDALE
BLUE 34
BLUE 22
BLUE 13
RED 11
RED 53
RED 37
BLUE 44
GREEN 5
AMBER 5
B
Y
N
A

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(P) Abernathy(Pulaski,Tenn)	3.6 SSW;hwy NE	650	31 S1	80 oct. Trees E.
Ashland City (Tenn)	1.8 WNW	400	22 S6	80 oct. Riv SW.
Athens (Ala)	3.2 NNW;hwy E	780	26 S2	80 oct. Lgt acft only.
Baldwyn (Miss)	0.5 E;rd S	380	15 S2	80 oct.Trees N,S.Soft when wet.
Beaver Dam (Decatur)	7 E;RR W	580	20	(Ala)
BERRY Tower (Tenn)	278 (118.3, 126.18)		AC(ILS-W)	(4);126.18,118.3,122.5
(P) [Berry] (Nashville,Tenn)	6 SE;hwy S	606	55h L6 S6	73,100 oct.
Bomar Airways (Shelbyville, Tenn)	5 N;hwy W	825	22 S6	80 oct. P-line W.
BOWLING GREEN Range	368 (BA)	296°,3.8	SBMRAZ-DT	(4)
(P) Bowling Green (Ky)	2.5 SSE;hwy W	540	40h L5 S4	80,91 oct. Fld lgts on req.to commun. stn.
Boyd (McMinnville,Tenn)	4.6 SW;RR N	1000	20	
Brown (Hohenwald,Tenn)	1 E;hwy S	950	20 S1	80 oct.
(A) Campbell AAF (Hopkinsville, Ky.) (A)	12.8 S;RR E	557	54h L5	
CHATTANOOGA Range (Tenn)	341(CG)(116.1)	203°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
CHATTANOOGA-LOVELL Tower (Tenn)	278 (126.18, 118.9)		C	(4);126.18,118.9,122.5
[Chattanooga-Lovell]	5.5 E;RR E	678	45h L5 S6	80, 91 oct. (Tenn)
Clifton (Tenn)	1.3 ENE	402	28 S1	80 oct.
Cookeville (Tenn)	1.5 NNE;RR N	1050	25 S4	80 oct.Sto.in emerg. Poles W.
Corinth 7,PS-TM(Miss)	5 WSW;hwy N	418	39 L3 S4	80, 91 oct.
Cornelia Fort (Nashv'l) Tenn)	6 ENE;riv E	420	30 L S6	80 oct.Flood,strip lgts 2200, Mon thru Thurs.
(A) Courtland AAF(Ala)(A)	1.5 SW;RR N	588	50h	CLOSED.
(P) Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	(Tenn)
Cumberland (Nashville)	3 NNW;riv N	400	34 S6	80 oct.No sto.(Tenn)
Dalton (Ga)	5.7 ESE	700	22 S1	80 oct.
Davenport (Ft.Payne,Ala)	1.1 E;RR,hwy NW	1010	26 L S4	80 oct.Flares prior req.
DeSoto Park Land Strip (Ft.Payne, Ala)	6 NE	1556	18	
Dick's (Fayetteville,Tenn)	1.5 S;hwy E	600	14	.P-line E;trees W
Franklin Air Svc.(Tenn)	1.3 WSW	645	18 S1	80 oct.E blocked.
Garnett (Hopkinsv'l,Ky)	6 SSE;hwy W		23 S1	80 oct. Data unver.
(P) Gill-Dove (Martin,Tenn)	3.5 S;hwy E	416	35 S6	80 oct.
★ Graham Int,59,DL-LV	1.5 NW;hwy E	536	27 L3	(Tenn)
Graves Co.(Mayfield,Ky)	3.6 ENE;hwy S	543	26 S1	80 oct.
Guntersville Dam (Ala)	9.1 NW;hwy E	600	30	
Hartselle (Ala)	1 WSW;hwy N	588	18 S4	80 oct.
Humboldt (Tenn)	4.6 ESE;hwy W	380	15 S1	80 oct.
[Huntsville] (Ala)	3.1 S;RR E	610	38h S6	80-91 oct.
(A) Huntsville Arsenal (A)	7 SW;RR NW	677	56h	(Ala)
JACKS CREEK Range (Int.) (Tenn)	332(JK)(116.1)	186°, 2.62	BMRLZ-DTV	(4); 116.1
★ Jacks Creek Int.	2 N;hwy E	550	43 L3	53, DL-LV (Tenn)
Jackson (Tenn)	2.5 ENE	450	28 S6	80 oct. Hwy NW.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80 oct.Hwy E. (Ga)
Lebanon (Tenn)	1.8 SW;hwy E	522	28 S6	73 oct. No sto.
Lexington (Tenn)	0.5 E;RR W	520	10 S1	80 oct.
Lewisburg (Tenn)	0.5 S;RR E	720	18 S2	80 oct. P-line N
(P) McKellar (Jackson,Tenn)	5.8 W;RR S	410	36h S6	80 oct.
Madison Air Strip (Tenn)	2.3 ESE	560	19 S6	80 oct. No sto.
✱ Manchester Int,16A,AG-NA (tenn)	4.5 ESE;hwy SW	1090	29 L3	53' trees W, N.
Maury Co.(Mt.Pleasant)	2.5 ENE;RRSW	672	31 S2	80 oct.P-line NW.(Tenn)
Milan (Tenn)	2.8 NNE	421	25 S5	80, 91 oct. RR SE
MUSCLE SHOALS Range	251(ED)(116.1)	282°,4.6	SBRAZ-DTV	(4); 116.1 (Ala)
Muscle Shoals (Ala)	1.5 E;dam NW	545	40h L5 S6	80,91 oct.No fuel for mil acft
NASHVILLE Range (Berry)	304(NA)(116.1)	246°,2.6	SBMRAZ-DTV	(3); 116.1,122.1
North Sauty Base (Scottsboro, Ala)	3.2 SSW; Lake S	610	20 S1	80 oct.
Outlaw (Clarksville,Tenn)	7.4 NNW	550	37 S5	80 oct. RR W.
[Paducah-McCracken Co (Paducah, Ky)	8.8 W;RR N	405	40h L5 S6	80,91 oct.No sto.Fld lgts prior req.
Paris (Tenn)	4.3 NW;hwy N	500	28 S6	80 oct.No sto.P-line N
Pryor (Decatur, Ala)	4 NNE;hwy W	588	44 S6	80, 91 oct. NW.
Rossville (Ga)	2.1 SSW	760	21 S1	80 oct.S blkd. Hwy E.
Skv Harbor (Murfreesboro, Tenn)	7.3 NW;hwy SW	560	39 S6	73 oct. No sto. P lcs NE.
SMITHVILLE Range (Int.)	347(XM)(116.1)	177°,1.4	SBMRAZ-DTV	(4); 116.1 (Tenn)
★ Smithville Int,5,NA-WA	1 E;rd S	1073	34 L3 S1	80 oct. (Tenn)
SMYRNA AAF Tower (Tenn)	219 (126.18)+		CA (ILS-W)	(3); 126.18
(A) Smyrna AAF (Nashville, Tenn)(A)	17 SE;RR SW	512	55h L5 S3	73,91,100 oct.JP-1
State Teachers College (Murfreesboro, Tenn)	2 E; hwy N	600	34 S4	80 oct.No sto.Poles N.
University of South (Cowan, Tenn)	1.8 WNW;RR NE	870	23 S2	80 oct.
Wilks (Fayetteville,Tenn)	2.5 NNW;hwy E	650	20 S2	80 oct.
(A) William Northern (A)	2 WNW;rd S	1081	50h	CLOSED. (Tullahoma, Tenn)

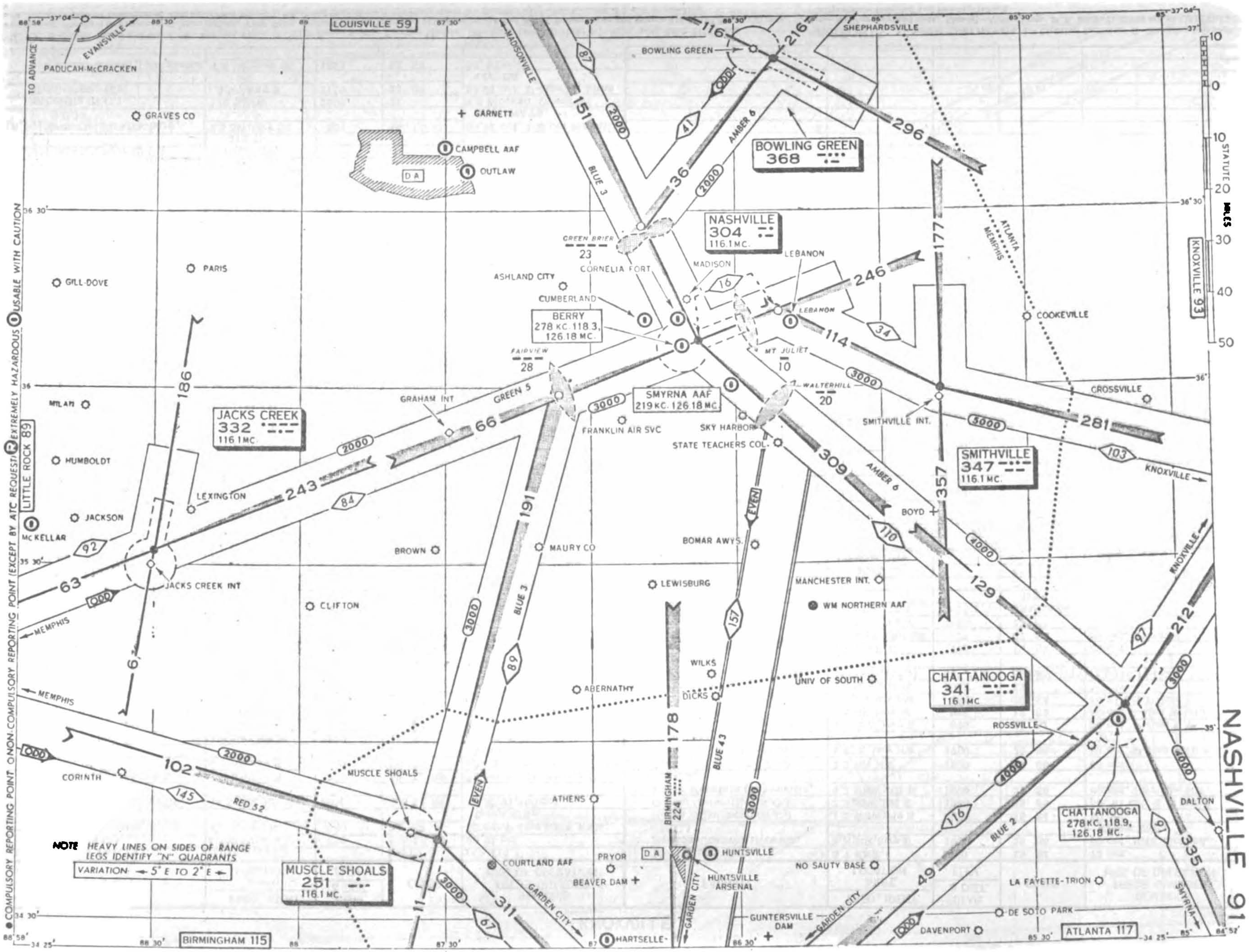
INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mos, Compass Locator in kcs)*

LOCATION	LC LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BERRY	109.9		14°	IM-	MM-•—•—(0.81)	OM- — —(4.05)
					MMH-356 •—••	OMH-375 •••—(5.7)
SMYRNA AAF (A)	109.5	332.6	230°	IM- (0.04)	MM-••••••(0.81)	OM- — —(4.31)
					MMH-	OMH-
				IM-	MM-	OM-
					MMH-	OMH-
				IM-	MM-	OM-
					MMH-	OMH-

NEW FACILITIES

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ➧ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ✱ – Guarded only when associated tower inoperative.

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) →← New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


NASHVILLE 91
LOUISVILLE 59
EVANSVILLE
PADUCAH-McCRACKEN
TO ADVANCE
GRAVES CO
GARNETT
CAMPBELL AAF
OUTLAW
DA
MADISONVILLE
BOWLING GREEN
SHEPHARDSVILLE
BOWLING GREEN 368
NASHVILLE 304 116.1MC.
GREEN BRIER
23
CORNELIA FORT
ASHLAND CITY
CUMBERLAND
BERRY 278 KC. 118.3, 126.18 MC.
MADISON
LEBANON
ATLANTA MEMPHIS
COOKEVILLE
KNOXVILLE 93
FAIRVIEW
28
MT. JULIET
10
WALTERHILL
20
CROSSVILLE
SMYRNA AAF 219 KC. 126.18 MC.
FRANKLIN AIR SVC
SKY HARBOR
STATE TEACHERS COL.
SMITHVILLE INT.
SMITHVILLE 347 116.1 MC.
KNOXVILLE
GRAHAM INT
JACKS CREEK 332 116.1 MC.
PARIS
GILL-DOVE
MILAN
HUMBOLDT
JACKSON
MC KELLAR
LEXINGTON
JACKS CREEK INT
MEMPHIS
CLIFTON
BROWN
MAURY CO
BOMAR AWYS.
LEWISBURG
MANCHESTER INT.
WM NORTHERN AAF
BOYD
WILKS
DICKS
ABERNATHY
UNIV OF SOUTH
CHATTANOOGA 341 116.1MC
ROSSVILLE
CHATTANOOGA 278KC. 118.9, 126.18 MC.
DALTON
CORINTH
MUSCLE SHOALS
MUSCLE SHOALS 251 116.1 MC.
ATHENS
COURTLAND AAF
PRYOR
BEAVER DAM
HUNTSVILLE
HUNTSVILLE ARSENAL
NO SAUTY BASE
LA FAYETTE-TRION
DE SOTO PARK
GUNTERSVILLE DAM
DAVENPORT
HARTSELLE
BIRMINGHAM 115
ATLANTA 117
BLUE 3
BLUE 43
BLUE 2
RED 52
GREEN 5
AMBER 6
EVEN
GARDEN CITY
BIRMINGHAM 224
116
151
216
296
36
177
246
114
281
103
357
309
110
129
212
97
91
335
49
63
186
243
66
191
178
157
311
102
145
67
11
87
41
34
16
84
92
2000
3000
4000
STATUTE MILES
10
0
10
20
30
40
50
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 5° E TO 2° E
● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) ⊘ EXTREMELY HAZARDOUS ⊘ USABLE WITH CAUTION

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ANDERSON H Fac. (S.C.)	236(AS)(116.1)		MHTV	(4); 116.1
Anderson (S.C.)	4.5 WSW;hwy S	783	50h L5 S6	80,91 oct.
➔ Ashley (Honea Path, S.C.)	1.5 E;hwy N	780	21 S2	80 oct. P-line WNW,NNW; trees SSE.
(P) [Asheville-Hendersonville] (Asheville, N.C.)	11.5 SSE;RR W	2090	40h L5 S4	73,80,91,100 oct.
Barksdale (Laurens, S.C.)	2.8 E;RR NE	700	30 L S6	73 oct. Port rnwy lgts. P-line
Belmont (N.C.)	1.3 NE;riv E	740	20 S6	80 oct. No sto. P-line NE WNW.
Black Mountain (N.C.)	1.8 SW; RR N	2270	15 S1	80 oct. Soft.
Bridges (Kings Mountain,N.C.)	1 SW;RR SE	930	17 S2	80 oct.
➔ Bridges Arpk (Shelby, N.C.)	3.3 NE;lake W	975	18 S6	80 oct. Trees SSW,ESE.
Bristol (Va)	3 NE		18 S1	80 oct. Data unver.
Brockenbrough (Derita,N.C.)	3.8 WNW;RR E	800	22 S6	80 oct. P-line SSE.
Burris (Lincolnton, N.C.)	2.2 SW;RR SE	960	10	UNUSABLE.
Byers (Shelby, N.C.)	3 SE;RR SW	875	16 S4	80 oct.
Cannon (Charlotte, N.C.)	3 WNW; hwy S	788	24 L S6	80,91 oct. Flood lgts on req
CHARLOTTE Range (Douglas) (N.C.)	212 (CF)(116.1)	359°,1.7	BMLZ-DTV	(3); 116.1
Chesnee (S.C.)	2 S; RR W	910	18	PRIVATE.
(P) Chester (S.C.)	5 NNE; RR W	709	50h S4	80 oct. No sto.
Chilhowie,29B,NA-WA (Va)	3.9 SE;riv N,SW	2100	34 L3 S4	80 oct. P-lines SW,NE.
Coulbourn (Lancaster, S.C.)	1 SSW;hwy SW	560	32 S4	80 oct.
DOUGLAS Tower (N.C.)	396 (126.18,118.9)		C	(4); 126.18,118.9,122.5
(P) [Douglas] (Charlotte, N.C.)	5.5 W;RR N	745	52h L5 S6	80, 91 oct.
Elkin (N.C.)	2.8 SW;RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Fairforest (Spartanburg,S.C.)	5.8 WNW;rd W	830	23 S6	80 oct.
Francis Marion (Marion,N.C.)	2.5 NE;RR NE	1450	19 S4	80, 91 oct.
Franklin (N.C.)	1.2 ESE;riv W	1996	23 S2	80 oct.
Galax (Va)	6.5 S;hwy E	2575	27 S4	80 oct.
Gastonia, mun. (N.C.)	4.5 SSE;hwy SW	800	30h L S1	80,91 oct. Port rnwy lgts. on req.
GREENVILLE Range (S.C.)	281(GC)(116.1)	2°,1.9	BMLZ-DTV	(4); 116.1
➔ [Greenville] (S.C.)	3.2 E;RR SE	1015	42h L5 S6	80,91 oct. 100 oct. in emerg. No bndry lgts.
GREENVILLE AAB Tower (S.C.)	272 (126.18)+		CA	(3); 126.18
(A) Greenville AAB (S.C.) (A)	7.5 SSE;hwy W	959	55h L5 S6	73,100 oct. JP-1. No sto.
H & H Flying Service (Brevard, N.C.)	1.5 ENE;riv S RR N	2140	20 S1	80 oct. P-line WNW.
Hendersonville (N.C.)	1.5 ESE;hwy SW	2200	30 S6	80, 91 oct.
Hickory (N.C.)	2.2 W;RR S	1180	40h S6	80, 91 oct.
Island (Knoxville, Tenn)	2.5 E	830	35 S4	80 oct. No sto.
Jasper (Ga)	1 N;RR W	1935	17 S2	80 oct.
➔ Johnson City (Tenn)	3.8 NE	1650	21 S6	81 oct. No sto.
➔ Josephson (Asheville, N.C.)	3 W;riv E	2200	20 S1	80, 91 oct.
King Field (Clemson, S.C.)	2.4 ENE;RR NW	900	20 S4	80 oct. Trees N.
Kings Mountain (N.C.)	3.5 SW;RR SE	980	23 S2	80, 91 oct.
KNOXVILLE Range (Tenn)	257 (KX)(116.1)	192°,2.8	SBRAZ-DTV	(3); 116.1, 122.1
KNOXVILLE Tower (Tenn)	278 (126.18, 118.7)		C (ILS)	(4); 118.7,126.18,122.5
(P) [Knoxville-McGhee-Tyson] ➔ (Knoxville, Tenn)	12 SSW;hwy E	988	50h L6 S6	91, 100 oct.
Lakeside (Dandridge, Tenn)	6.5 E;hwy S	1000	23	
(P) Le Tourneau (Toccoa, Ga)	2.5 NE;RR S	950	30 L3 S4	80, 91 oct.
Lincolnton (N.C.)	3.2 ENE;hwy S	960	23 S6	80 oct. P-line SSW
MEMORIAL Tower (S.C.)	317 (126.18, 118.7)		C	(4); 118.7,126.18,122.5
(N,P) [Memorial] (Spartanburg, S.C.)	2.5 SW;hwy SE	804	44h L5 S6	80,91 oct. 100 oct for military. NATS.
Micaville (N.C.)	1 S; RR W	2500	21	N,S blocked. Creek E.
Middlesboro (Ky)	1.2 W; hwy S	1150	23 S6	80,91 oct. P-line W. Mtns sur. fld.
Morganton-Lenoir (Morganton, N.C.)	7.5 NE;hwy W	1253	33 S2	80, 91 oct.
Morristown (Tenn)	5.7 ENE	1400	19 S1	73 oct.
Newton-Conover (Newton, N.C.)	2 N;RR,hwy E	1030	15 S6	80 oct. NNE blocked. Trees ENE.
North Wilkesboro (N.C.)	1.3 WSW;riv S	970	15 S4	80 oct.
Owens (Asheville, N.C.)	2.3 SSW;RR E	1988	25 S6	80, 91 oct. E blocked.
Paris Mountain (Greenville, S. C.)	4.2 NNW;RR E	1006	21 S6	80 oct. Pwr line NW.
Pierce (Kingsport, Tenn)	3 S;RR NW	1200	22 S6	80 oct.
Powell Valley (Big Stone Gap, Va)	4 ESE;hwy NW	1700	25 S4	80 oct. P-line ENE;hills W.
➔ Pulaski Co. (Sumerset, Ky)	3.5 SSW;hwy E	675	16 S1	80 oct. P-line E,W.
Rice (Monticello, Ky)	1.8 NE;hwy W	920	18 S2	80 oct. F-line W.Mtns E.
Roddey (Rock Hill, S.C.)	2.7 SW;RR NW	664	28 S4	80,91 oct. P-line S.
➔ Rutherford (Spindale, N.C.)	1.5 SSE;RR N	1012	17	
SPARTANBURG Range (Memorial) (S.C.)	248 (SU)(116.1)	58°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
Spindle City (Gastonia, N.C.)	3.2 E;RR N	795	19 S2	80 oct.
Statesville (N.C.)	4.5 WSW; RR SE	990	27 S2	80 oct. Trees N.
Sylva (N.C.)	2.4 NE;riv SW	2039	25 S2	No fuel.
➔ TRI-CITY Range (Tenn)	221 (TI)(116.1)	252°,3.3	SBMRAZ-DTV	(3); 116.1, 122.1
TRI-CITY Tower (Tenn)	278		C	(4); 118.7,122.5,126.18
(P) [Tri-City] (Tenn)	11.8 NNW of Johnson City	1518	45h L5 S6	80, 91 oct. 10.2 ESE of Kingsport.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

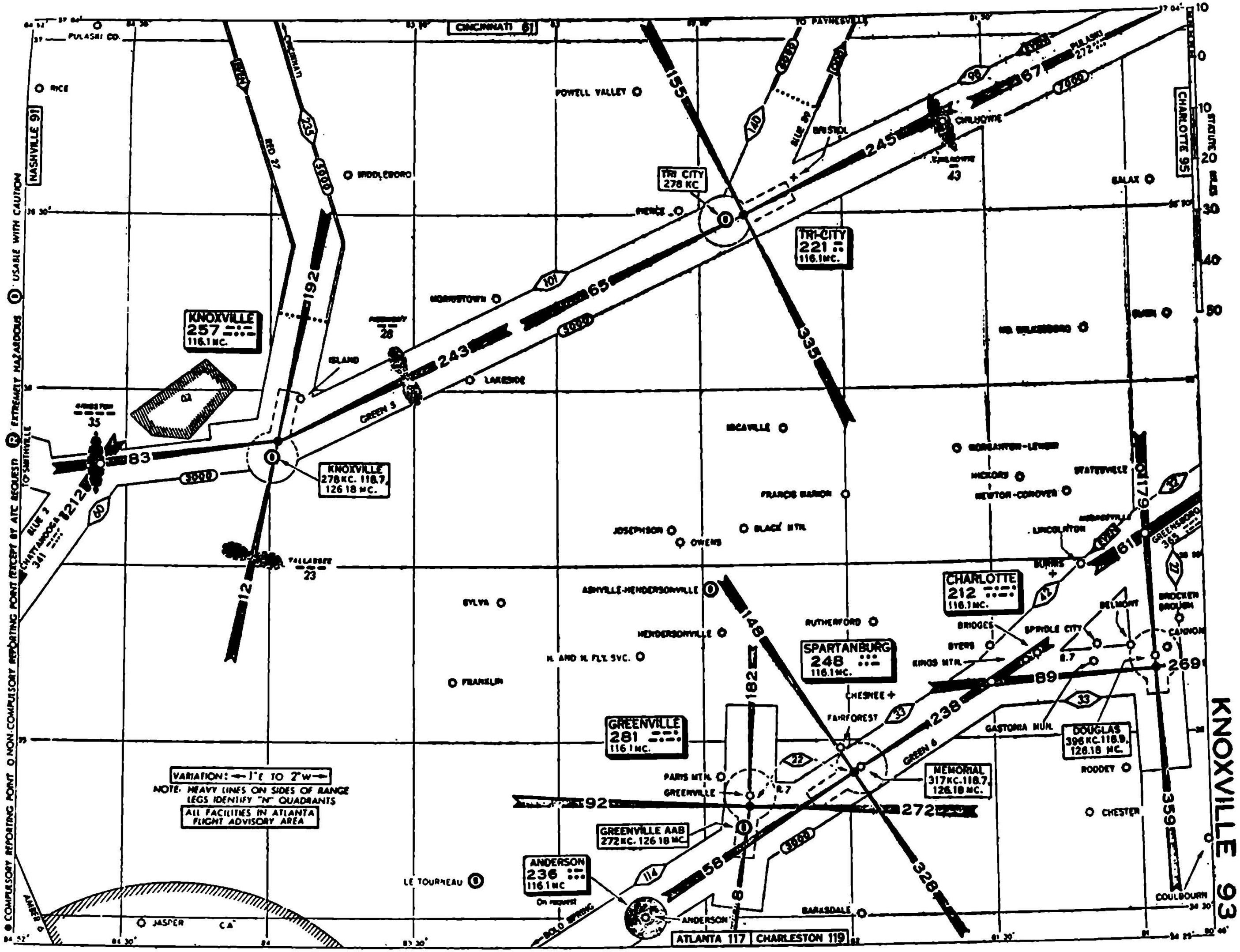
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
KNOXVILLE	110.3	335	44°	MM- •—•— (0.61)	OM- ——— (4.34)
				MMH-	OMH-
				MM-	OM-
				MMH-	OMH-
				MM-	OM-
				MMH-	OMH-
				MM-	OM-
				MMH-	OMH-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
➔ Combs (Bristol,Va)	3 NE	2015	20 S6	80 oct. P-line N.
➔ McDonald (Spindle,N.C.)	1.2 SSE;hwy W	1000	20	Trees S.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (S) – 3108, 4495, 6210 kcs. (Z) – 3108, 4495, 6210, 9117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 127.65, 140.85 mcs.
➔ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ● – Guarded only when associated tower inoperative.

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→← New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


KNOXVILLE 93
CHARLOTTE 95
NASHVILLE 91
PULASKI CO.
RICE
CINCINNATI 61
TO PAYNESVILLE
POWELL VALLEY
MIDDLESBORO
BRISTOL
CARLHOWIE
CARLHOWIE 43
PULASKI 272
GALAX
TRI CITY 278 HC
TRI-CITY 221 116.1 MC.
KNOXVILLE 257 116.1 MC.
KNOXVILLE 278 HC. 118.7 126.18 MC.
HARRISTOWN
ISLAND
LAKESIDE
MCAVILLE
MORGANTON-LENOIR
HICKORY
NEWTON-CONOVER
STATESVILLE
FRANCIS BARON
JOSEPHSON
OWENS
BLACK MTN.
LINCOLNTON
GREENSBORO 365
BURNS
CHARLOTTE 212 116.1 MC.
ASHEVILLE-HENDERSONVILLE
SYLVA
HENDERSONVILLE
H. AND H. FLT. SVC.
FRANKLIN
RUTHERFORD
BRIDGES
BYERS
KINGS MTN.
SPARTANBURG 248 116.1 MC.
CHESNEE
FAIRFOREST
SPINDLE CITY
BELMONT
BROCKEN BROWN
CANNON
GASTONIA MUN.
DOUGLAS 396 HC. 118.0, 126.18 MC.
RODDEY
CHESTER
COULBOURN
BARNSDALE
ANDERSON
ANDERSON 236 116.1 MC
On request
LE TOURNEAU
GREENVILLE 281 116.1 MC.
PARIS MTN.
GREENVILLE
GREENVILLE AAB 272 HC. 126.18 MC
MEMORIAL 317 HC. 118.7, 126.18 MC.
VARIATION: 1°E TO 2°W
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA
ATLANTA 117
CHARLESTON 119
CHATTANOOGA 341
TALLASSEE
JASPER
ALPINE
BOLD SPRINGS
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
TO SMITHVILLE
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (RECEIPT BY ATC REQUIRED)
STATUTE MILES

CHARLOTTE

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BMLZ-DTV,350°, 1.7	(3):[illegible]6.1,122.1
DOUGLAS ARPT (Charlotte)	396(126.18, 118.9)	C	(4); 126.18,118.9,122.5
GREENSBORO	365(GW)(116.1)	SBRAZ-DTV	(3):116.1,122.1
Greensboro-High Point Airport	219(126.18, 118.7)	C; 341°, 1.8	(4):118.7,126 18,122.5
POPE (Ft. Bragg) (Army)	338(DOP) (116.1)	SBMRAZ-V :355°,2.3	(3): 116.1
Pope Field	396(126.18)+	CA(ILS):355°, 2.3	(3):[illegible]6.18
RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116.1)	SBRAZ-DTV(ILS) 299°, 3.8	(3):116.1,122.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 116.3)	C	(4): 126.18,116.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	MRLWZ;329°, 5.1	

[illegible] IN

FLORENCE	320(FLN)(116.1)	SBMRLZ-DTV, 292°,1.7	(4):116.1,122.1

[illegible]

DANVILLE	344(VE)	MHW.	
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-DTV, 247°, 2.1	(4); 116.1
ROANOKE (Woodrum Field)	371(RO)(116.1)	SBRAZ-DTV, 349°,2	(3); 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	AC	(4); 122.5,118.5,126.18

NEW RADIO FACILITIES

RALEIGH-DURHAM (Raleigh),N.C.	272 (126.18)	C	(4):126.18, 122.5,118.3

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
POPE(A)				DECOMMISSIONED	
RALEIGH,	109.9	333.8	48°	IM- [illegible] MM- [illegible] (0.62)	OM- -- (4.43)
				MMK-	OMK-
				IM- MM-	OM-
				MMK-	OMK-
				IM- MM-	OM-
				MMK-	OMK-

S Serial Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 31175 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25	Obsts sur fld.
Asheboro	1.8 SSW	864	18 S2	80 oct, Hwy NW.
(A)Balloon (Ft.Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct.No sto.P-line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	930	17 S2	80 oct,
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct.Pole line SSE.
Brooks(Red Springs)	1.2 N,RR SE	208	26	
(P)Burlington	4 SW,hwy W	638	37h L5 S6	80 oct.Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	960	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3.5 E	350	50h	TEMP INACT. NO FACS.
Candor (NC)	1.1 E,RR N	710	19	Pole line WNW.
Cannon (Charlotte)	3 WNW,hwy S	766	24 L S6	80,91 oct. Flood lgts req
Carolina Arpk Inc. (Kannapolis)	3.1 SSE;RR W	730	19 S3	80 oct.
Caswell (Yanceyville)	3.2 W; hwy E	640	20 S2	80 oct.
Cpley (Concord)	2 SW,RR E	790	12 S1	80 oct, Trees ESE.
Colonial Flying Svc (Mt. Airy)	1.4 NNE,RR S	950	15 S1	80 oct.Pole line,trees NNW.
Concord	4.5 ESE,rd E,S	700	19 S2	80 oct.Pole line NE.
Delta Air Base (Charlotte)	6.7 E,hwy S	750	31 S6	80,91 oct.No sto.Poles NW
(P)DOUGLAS(Charlotte)	5.5 W,RR N	745	52h R2 L5 S3	80,91 oct.
Durham Airways	7.8 N,RR 2E	480	15 S6	80 oct.
Elkin	2.8 SW,RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW,riv SW	195	30 S4	80,91 oct.
Fairchild (Burlington)	1.5 E,RR S	640	35h S4	80 oct.Trees N
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E.
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct.Strips rough. Trees SE.
Gastonia	1.3 SW			ABANDONED
Gastonia, mun.	4.5 SSE,hwy SW	800	30h L S1	80,91 oct. Port. rnwy lgts on req.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No.2 (Silver City)	4.1 SE,RR W	550	22	Pwr line SSE.
(N)GREENSBORO-HIGH POINT	8 WNW,RR SW	905	40h R2 L5 S6	80.91.100 oct.NATS
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW;hwy E	530	20 S2	80 oct.Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S4	80 oct.
Kannapolis	2.8 N,RR E	750	23 S6	80 oct. Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	53 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,91 oct. No flood lgts. Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE,RR E	400	19 S4	80 oct.No sto.Pwr line sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct.Pole lines SSW.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct.Pole line NW.
(P)Lumberton	3 WSW	126	50h L2 S6	80,91,100 oct.Hwy NNW.
McLean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct
Mayo (Mayodan)	0.8 W,riv E	900	24 S1	80 oct.
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW,hwy S	680	20 S1	80 oct. Trees NW.
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct. NNE blkd. Trees ENE.
North Wilkesboro	1.3 WSW,riv S	970	15 S4	80 oct.
Parkers (Eagle Spgs)	1.8 NW,RR S	700	40 S1	80 oct.
Pharis (Durham)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW.
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct.
(A)Pope (Ft.Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct
Raleigh	3.3 SSW,RRW	364	28h S6	80,91 oct.
RALEIGH-DURHAM (Raleigh)	10.5 NW,RR W	435	45h R3 L6 S4	80,91,100 oct.
Reidsville	3.2 SE,riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,W.Hwy
Roxboro	7 NE,RR 2.3W	600	24 S2	80 oct. E.
Salisbury	3 SW,RR E	764	25 L2 S6	73 oct.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S4	80 oct. No sto. Pwr line S.
(P)SMITH-REYNOLDS (Winston-Salem)	2.8 NNE,RR W	969	67h R2 L5 S6	80,91 oct. Rnwy data unver.
Spindle City (Gastonia)	3.2 E;hwy N	795	19 S2	80 oct.
Stanly (Albermarle)	6 WNW,hwy S			ABANDONED
Statesville	4.5 WSW	990	27 S2	80 oct. Trees N. RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel. hwy N.
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
Upchurch(Raeford)	0.5 NNE	255	15 S2	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees N,S.
Whiteville	3.7 S,RR N	60	18 S1	Ltd 80 oct.
Young Airfield (Oxford)	1.8 SW,RR NW	475	18 S1	Ltd 80 oct.

AIRPORTS — SOUTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Chester	5 NNE.RR W	709	50h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SSW.hwy SW	560	32 S4	80 oct.
Florence	3.5 E.RR SW	146	60h R1 L5 S1	80,91 oct.
Hartsville	2.1 NNE.	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE. hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
Little Rock	2.5 SE,hwy W			ABANDONED
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct.No sto.Pole line S, WSW.
Palmer (Bennettsville)	3.4 NNW, hwy E			ABANDONED
Roddey (Rock Hill)	2.7 SW,RR NW	664	28 S4	80,91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	190	29 S5	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	30h S1	80,91 oct.

[illegible]GINIA

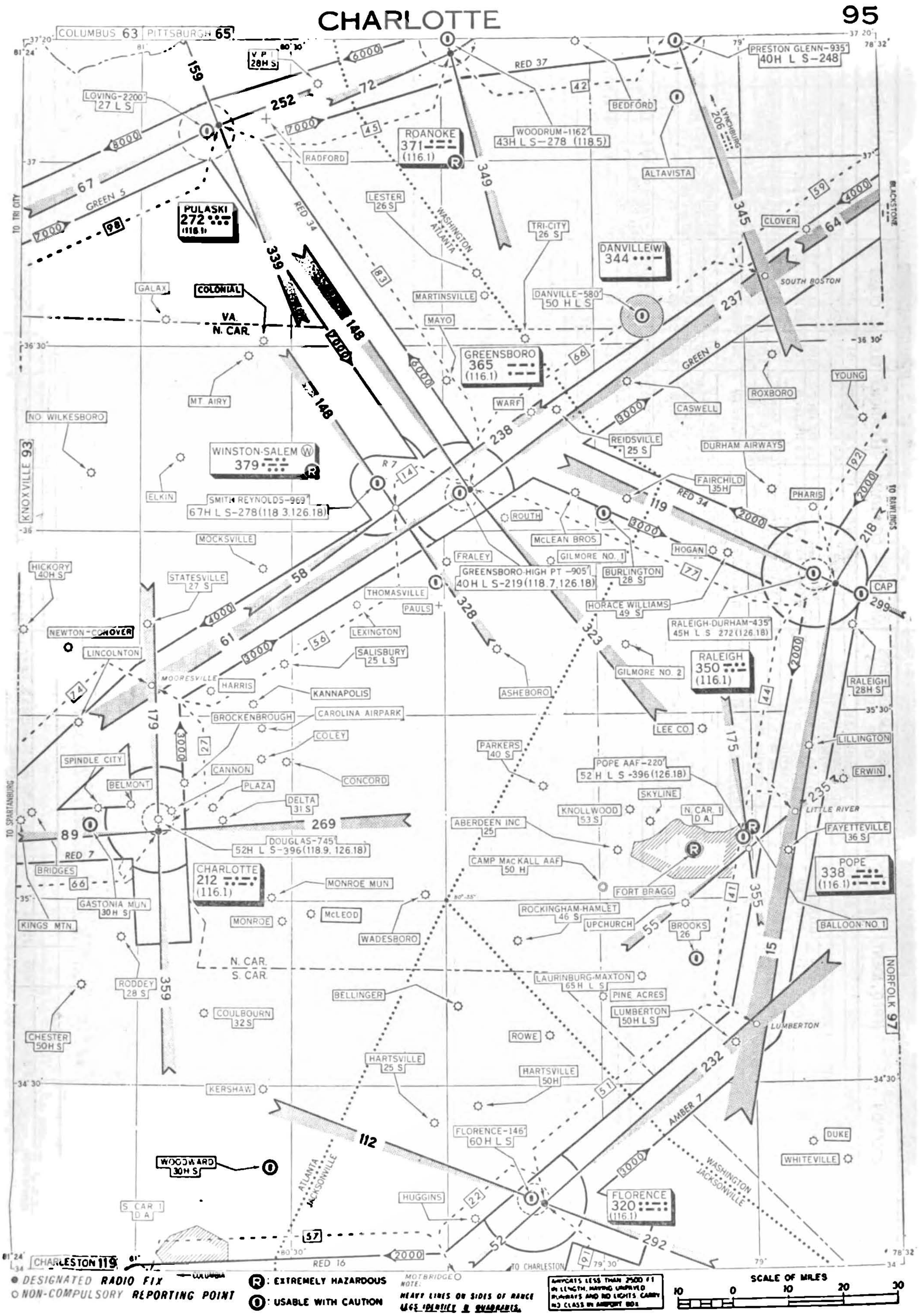
Altavista	6.1 NE.RR S	650	18 S1	80 oct. Trees SW.
Bedford	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW, riv E	350	20	Trees E,W,SE.NW House E,SE.
(P)Danville	3.4 ESE	580	50h L5 S6	80,91 oct.
Galax	6.5 S,hwy E	2575	27 S4	80 oct.
Lester (Martinsville)	0.8 NNW, RR NE	1000	26 S2	80 oct. 20-75' bldgs SE.
Loving, 35A. NA-WA (Pulaski)	2.8 N,RR SE	2200	27 R1 L3 S4	80 oct. Poles SW.No sto.
Martinsville	3.5 SSE, RR NE	800	16 S2	73 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R2 L5 S6	80, 91 oct.
V.P.I. (Blacksburg)	1.3 SSE,RR W	2100	28h L1 S6	73,80 oct. Strip rough. 100 oct army.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Rd W.

NEW AIRPORTS

Harris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	14 S2	80 oct.
Mc Leod (Wingate)(N.C)	1.5 SE; RR N	365	22 S2	80 oct. No sto
Pauls Air Park (Thomasville,N C)	6 SE		27 S2	80,91 oct. Data unver.
Cap (Raleigh,N.C.)	3.5 NNE; RR E	460	35 S6	80,91 oct.High trees S, SW appchs.NNE blkd.
Duke Fld (Chadbourn, N.C.)	1 N;RR SW	96	20 S4	80 oct.
Radford, (Va.)	2 SW	1900	19 S1	Fuel.Data unver.
Grigg & Bynum Arpk (Malden,N.C.)	2.5 S;hwy W	795	18	
Stanfield (N.C.)	1.3 N;hwy E	700	18 S2	80 oct.

h-hard surfaced runways. R-radio facilities L-lighting facilities S-servicing (See page XIII) NC-(not charted). → NEW OR REVISED DATA

CHARLOTTE


COLUMBUS 63
PITTSBURGH 65
TO TRI CITY
LOVING-2200
27 L S
159
252
72
6000
7000
8000
67
GREEN 5
98
PULASKI
272
(116.1)
V P
28M S
RED 37
42
PRESTON GLENN-935
40H L S-248
BEDFORD
WOODRUM-1162
43H L S-278 (118.5)
LYNCHBURG
206
ROANOKE
371
(116.1)
RADFORD
45
ALTAVISTA
349
LESTER
26 S
WASHINGTON
ATLANTA
TRI-CITY
26 S
RED 34
83
339
345
59
4000
64
CLOVER
BLACKSTONE
DANVILLE(W)
344
SOUTH BOSTON
GALAX
COLONIAL
VA.
N. CAR.
MARTINSVILLE
DANVILLE-580
50 H L S
MAYO
237
148
6000
GREENSBORO
365
(116.1)
66
GREEN 6
MT AIRY
WARF
CASWELL
ROXBORO
YOUNG
NO. WILKESBORO
KNOXVILLE 93
WINSTON-SALEM
379
R 7
14
238
REIDSVILLE
25 S
DURHAM AIRWAYS
ELKIN
SMITH REYNOLDS-969
67H L S-278(118.3,126.18)
FAIRCHILD
35H
PHARIS
92
2000
TO RAWLINGS
ROUTH
119
RED 34
3000
218
McLEAN BROS
HOGAN
MOCKSVILLE
FRALEY
GILMORE NO. 1
HICKORY
40H S
STATESVILLE
27 S
GREENSBORO-HIGH PT -905
40H L S-219(118.7,126.18)
BURLINGTON
28 S
77
CAP
THOMASVILLE
PAULS
328
299
HORACE WILLIAMS
49 S
RALEIGH-DURHAM-435
45H L S 272(126.18)
58
4000
61
3000
56
LEXINGTON
NEWTON-CONOVER
SALISBURY
25 L S
323
GILMORE NO. 2
RALEIGH
350
(116.1)
RALEIGH
28H S
LINCOLNTON
MOORESVILLE
HARRIS
KANNAPOLIS
ASHEBORO
44
2000
24
LEE CO.
LILLINGTON
BROCKENBROUGH
CAROLINA AIRPARK
179
3000
27
COLEY
PARKERS
40 S
175
SPINDLE CITY
CANNON
CONCORD
POPE AAF-220
52 H L S -396(126.18)
ERWIN
BELMONT
PLAZA
SKYLINE
TO SPARTANBURG
DELTA
31 S
KNOLLWOOD
53 S
N. CAR. 1
D A
235
LITTLE RIVER
89
269
ABERDEEN INC
25
FAYETTEVILLE
36 S
RED 7
DOUGLAS-745
52H L S-396(118.9, 126.18)
CAMP MACKALL AAF
50 H
POPE
338
(116.1)
BRIDGES
66
CHARLOTTE
212
(116.1)
MONROE MUN
FORT BRAGG
355
41
GASTONIA MUN
30 H S
ROCKINGHAM-HAMLET
46 S
BALLOON-NO 1
KINGS MTN.
MONROE
McLEOD
UPCHURCH
55
BROOKS
26
WADESBORO
15
N. CAR.
S. CAR.
NORFOLK 97
LAURINBURG-MAXTON
65 H L S
PINE ACRES
RODDEY
28 S
359
BELLINGER
LUMBERTON
50H L S
COULBOURN
32 S
CHESTER
50H S
ROWE
232
HARTSVILLE
25 S
HARTSVILLE
50H
51
AMBER 7
KERSHAW
34°30'
112
FLORENCE-146
60H L S
DUKE
WHITEVILLE
WOODWARD
30H S
ATLANTA
JACKSONVILLE
WASHINGTON
JACKSONVILLE
FLORENCE
320
(116.1)
HUGGINS
22
S. CAR. 1
D A
57
52
292
CHARLESTON 119
RED 16
2000
MOTBRIDGE
TO CHARLESTON
91
79°30'
80°30'
81°24'
78°32'
37°20'
36°30'
34°30'
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS INDICATE A QUADRANTS.
AIRPORTS LESS THAN 2500 FT
IN LENGTH, HAVING UNPAVED
RUNWAYS AND NO LIGHTS. CARRY
NO CLASS OR AIRPORT DOT.
SCALE OF MILES
10 0 10 20 30

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM; 64°, 14	Weeksville NAF
BOGUE MCAAF			DECOMMISSIONED
CAMP LEJEUNE OLF(New Riv.)	3295(142.74)	CN	3105.4495:142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ;141°,4.0	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN(GCA)	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM; 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
MANTEO FM (Navy)	(- -)	FM; 139°,32	Weeksville NAF
NEW BERN FM (Navy)	(- - - -)	FM; 321°,13.6	Cherry Point MCAS
OAK GROVE MCAAF (Pollocksville)	3295 (142.74)	CN	3105;142,74 (8-18)
SOUTH MILLS FM (Navy)	(- - - -)	FM; 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	524(NFG)	BRL	(3);142.74(V- 7-19)
Weeksville NAF-LTA	3295 (142.74)	CN; 319°, 0.5	3105; 142.74 (8-1630)
BLACKSTONE	326(KT)(116.1)	BMLZ-DTV;133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM; 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM; 276°, 16	Norfolk
LANGLEY FIELD (Army)	221(DLY)(116.1)	SBMRAPZ-DTV;102°,3.8	(3); 116.1
NORFOLK	239 (NW)(116.1)	SBMRLZ-DTV;44°,3.3	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ; 276°,2.9	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h L S4	80,91 oct.Port flood lgts.
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct.Fld lgts prior req.(Wilmington)
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h	CLOSED.
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jackson-ville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS (N)	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct.
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	See Pitt-Greenville under "New Airports"-name changed.			
Halifax Co.(Roanoke Rapids)	3 SW	147	18 S2	No fuel. Trees ENE,NNW
Henderson	3 S,RR W	490	23 S6	80,91 oct.No sto. Pole lines S. Rnwy data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
Kinston	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Polloksville) (N)	2.5 NW,riv S	27	40h R1 L S4	91, 100 oct.
Peiffer(Wilmington)	6 ESE,ocean E	10	18 S1	80 oct.Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E.
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	TMP INACT NO FACS
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 S6	80 oct. No sto. Pole line NNE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto.
★ Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	See Warren Arpt under "New Facilities" - name changed			
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L5 S4	91, 100 oct.
(P) Wilson (N)	4.2 NW,hwy E	161	45h S6	80 oct.
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S1	80 oct.

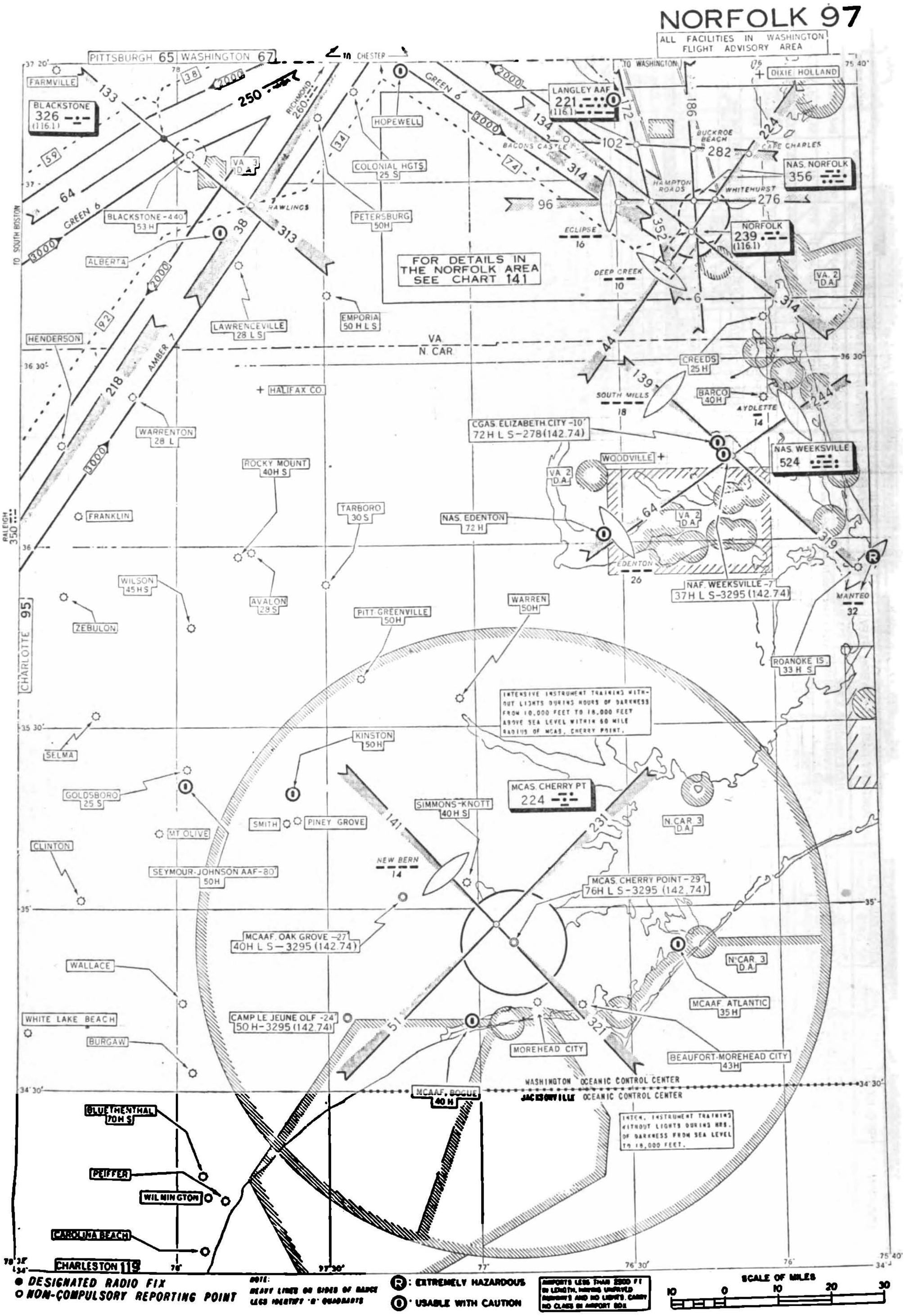
VIRGINIA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5	Rnwy lgts on req.ARMY TEMP.INACT;
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC) CIVIL FACS.
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct.
Hopewell	3.3 E,riv N	20	24 S6	91 oct.
Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80 oct.
Petersburg	6.2 WSW,RR N	190	50h	
Scott (Williamsburg)	1.3 NNW,RR SW			ABANDONED
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29 S4	80,91 oct.20-60' trees NE,SW,W.(NC)

NEW AIRPORTS

Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.
(P) Pitt-Greenville (Greenville,N.C.)	1.8 NNW;RRE	25	50h L3 S1	80,91 oct.Lgts on req.
Dixie Holland (Cape Charles,Va.)	1.5 ENE;hwy S		22 S1	80 oct.Unverified.
Roanoke Isl.(Manteo,N.C.)	1.5 NW;rd NE	12	33h L5 S4	80,91 oct.Lgts on req.Data unver.
Morehead City,(N.C.)	5 WNW;RR N	15	23 S4	80 oct.No sto.All appchs blkd.
Piney Grove (Kinston,N.C.)	2.1 SSW;riv NE	43	18 S1	80 oct.
Smith Fld (Kinston,N.C.)	3.7 SW;riv N,W	40	26 S4	80 oct.P-line ENE
White Lake Beach,(N.C.)	0.2 NW;lake S	75	18 S4	80 oct.No sto.(White Lake)E,W blkd.
Wilmington Arpk (N.C.)	3 SE;hwys N	20	27 S4	80 oct.N & E blocked.
(P) Warren (Washington, N.C.)	1.8 N,hwy W	38	50h	
Enfilld (N.C.)	1.8 E		15 S2	80 oct.

NORFOLK 97


ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA
PITTSBURGH 65 WASHINGTON 67
TO CHESTER
TO WASHINGTON
TO SOUTH BOSTON
FARMVILLE
BLACKSTONE 326 (116.1)
HOPEWELL
RICHMOND 260
COLONIAL HGTS. 25 S
PETERSBURG 50H
BLACKSTONE -440 53 H
ALBERTA
RAWLINGS
VA. 3 D.A.
LANGLEY AAF 221 (116.1)
DIXIE HOLLAND
BUCKROE BEACH
CAPE CHARLES
NAS. NORFOLK 356
HAMPTON ROADS
WHITEHURST
NORFOLK 239 (116.1)
ECLIPSE 16
DEEP CREEK 10
VA. 2 D.A.
FOR DETAILS IN THE NORFOLK AREA SEE CHART 141
EMPORIA 50 H L S
LAWRENCEVILLE 28 L S
HENDERSON
VA
N. CAR
HALIFAX CO.
CREEDS 25 H
SOUTH MILLS 18
BARCO 40H
AYDLETTE 14
CGAS ELIZABETH CITY -10' 72 H L S-278(142.74)
WARRENTON 28 L
ROCKY MOUNT 40H S
TARBORO 30 S
NAS. EDENTON 72 H
WOODVILLE
NAS. WEEKSVILLE 524
FRANKLIN
RALEIGH 350
EDENTON 26
NAF. WEEKSVILLE -7 37 H L S-3295 (142.74)
MANTEO 32
WILSON 45 H S
AVALON 28 S
ZEBULON
PITT GREENVILLE 50H
WARREN 50H
ROANOKE IS. 33 H S
CHARLOTTE 95
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000 FEET TO 18,000 FEET ABOVE SEA LEVEL WITHIN 60 MILE RADIUS OF MCAS, CHERRY POINT.
SELMA
KINSTON 50 H
GOLDSBORO 25 S
MCAS. CHERRY PT 224
SMITH
PINEY GROVE
SIMMONS-KNOTT 40 H S
MT. OLIVE
CLINTON
NEW BERN 14
SEYMOUR-JOHNSON AAF-80' 50H
MCAS. CHERRY POINT -29' 76H L S-3295 (142.74)
MCAAF. OAK GROVE -27' 40H L S-3295 (142.74)
WALLACE
N. CAR. 3 D.A.
MCAAF ATLANTIC 35 H
WHITE LAKE BEACH
CAMP LE JEUNE OLF -24' 50 H-3295 (142.74)
BURGAW
MOREHEAD CITY
BEAUFORT-MOREHEAD CITY 43H
WASHINGTON OCEANIC CONTROL CENTER
JACKSONVILLE OCEANIC CONTROL CENTER
MCAAF. BOGUE 40 H
GLUETHENTHAL 70H S
PEIFFER
WILMINGTON
CAROLINA BEACH
CHARLESTON 119
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HRS. OF DARKNESS FROM SEA LEVEL TO 18,000 FEET.
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "B" BOUNDARIES
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
AIRPORTS LESS THAN 5000 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS. CARRY NO CLAIMS ON AIRPORT SIDE
SCALE OF MILES
10 0 10 20 30

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
→DAGGETT (San Bernardino Co.)	365(DG)(116.1,	SBRAZ-VDT,149°,0	(4);116.1,122.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°,16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°,11	Long Beach
LA HABRA FM	(. . -)	FM, 77°,21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°,42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18,118.3, 122.5
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV 298°, 3.9	(3);116.1,122.1
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTKV,244°,3.8	(3):116.1,122.1
LOS ANGELES	109.1(LA)	BVAR; 88°,2.0	
→MARCH FIELD (Riverside)	201 (126.18)+	CA	(3); 126.18
MIRAMAR MCAS (San Diego)	3295(142.74)	CN(GCA)	(3); 142.74
→MOJAVE NAS			DECOMMISSIONED
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA; 64°,2.2	(3); 126.18
NEWHALL (Int.)	209(NH)(116.1)	SBMRLDTV,317°,0.1	(4); 116.1
OCEANSIDE	326(OC)(116.1)	BHTV	(4); 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°,34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-DTV,216°, 2.5	(4): 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105;142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(vhf),	SBMRAZ-DTV, 127°,2.9	(4):116.1,122.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3): 126.18
→SAN CLEMENTE ISLAND OLF			DECOMMISSIONED
SAN DIEGO (Lindbergh Field)	224(SQ)(vhf)	SBRAZ-DTV,139°, 2.3	(3);116.1,122.1
San Diego NAS	266 (142.74)	CN	(3);126.18,142.74
San Diego NAS (Seaplane)	2870	CN	2870
TRONA (Int.)	323 (EW)	SMRAWZ, 349°, 11	
VICTORVILLE AAF	278 (126.18)	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. MEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice
+—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S,hwy E	2470	25 L S2	Ltd 73 oct. Port rnwy lgts
Arlington(Riverside)	4.5 WSW,RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE,RR N	2190	52h L5 S5	80,91 oct. No sto.
Barnes(Rosamond)	12 E,rd N	2300	38	(NC)
Barstow	1.8 N,hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW,hwy S	6850	35 S1	80,91 oct.
Borderland(San Ysidro)	1.5 WNW,RR W	80	18 S6	80,91 oct. No sto. Pole line SE.
Boron	0.5 NE,RR S	2550	21 S1	80 oct. Poles E. Data unver.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Brown NAAS (Otay)(N)	5.5 ESE	523	60h	INACTIVE.
→Buffalo Springs(Avalon) (NC)	See Catalina Arpt under "New Facilities"—name changed.			
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside)(N)	6 NNE,RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island)(N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea)(N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct. 1000' paved rnwy. Data unver.
El Cajon	2.5 N,hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE,RR N	1256	26 S4	80 oct. No sto. Hills NW.
Engel(Escondido)	1.5 W,RR N	630	19 S4	73,91 oct. No sto. Trees SE, hill NW.
→Gibbs(San Diego)	7 NNE,hwy W	405	29 S6	80,91 oct. Poles E.
Gillespie(El Cajon)	2 NNW,rd E	385	54h	Towers W. (Santee)
Harmon(San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
(A) Hawes(Victorville)(A)	27.5 N,RR N	2319	56h	CLOSED
Hi Hi Sky Ranch (Oceanside)	1.5 ENE,RR S	48	18 S6	80,91 oct. No sto. Trees SW.
(A) Helendale(Victorville)(A)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct. No sto. Pwr line W.
(N) Inyokern NAF (N)	0.5 WNW,RR E	2455	72h	NATS
Jamacha(La Mesa)	6.8 ESE,riv N	520	18 S6	80,91 oct. Hills E.
→La Cresta(Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct. Data unver. Flare pots prior req.
Lake Elsinore(Elsinore)	4 SSE,lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW,hwy N	500	27 S4	80 oct. Pole line SSE.
Lancaster	0.5 NW,RR E	2330	22 S4	73 oct. No sto. Poles E,S
La Presa(La Mesa)	4 S,hwy W	275	19 S4	80 oct.
Liberty(Rosamond)	4.1 S,RR E	2300	39h	
LINDBERGH (San Diego)	2 W	14	88h R2 L5 S6	80,91 oct. ARPT OF ENTRY.
(A) March (Riverside)(A)	8.8 SE,RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW,RR N	550	21 S6	80,91 oct. Poles E.
(A) Mirage(Victorville)(A)	18 WNW,rd S	2365	37h	CLOSED
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct. No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N) (NAS)	0.7 E,hwy W	2751	59h	INACTIVE
Morrow (Rialto)	1.8 S,RR N	1100	35 S5	80,91 oct. Pwr line W.
(A) Muroc AAF (A)	2 S,dry lake N	2284	80h R2 L5 S6	73,100 oct. JP-1. No sto.
National City	1.1 SSE,RR W	10	22 S4	80 oct. Poles, stack NW.
(P) Palmdale	3 NE,RR W	2549	70h R1 L5 S2	91,100 oct. Lgts req.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L S6	80,91,100 oct. Lgts prior
Pejk (San Diego)	4.8 WNW	20	28 S4	80 oct. No sto. Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S6	80,91 oct. Port rnwy lgts. Data unver.
Randsburg (NC)	1.8 NE,rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N,RR W	400	15	
San Bernardino	4.7 NNW, RR W.	1425	30h L S6	80,91 oct. Port rnwy, obst lgts prior req. Rnwy data
(A) San Bernardino AAF (A)	3.5 ESE,RR SW	1156	76h R1 L5 S6	62,73,91,100 oct, unver JP-1
San Bernardino Co. (Daggett)	See Dagett Int,13 under "New Airports"- name changed.			
(N) San Clemente Island OLF (N)	8 S of N end	926	50h	INACTIVE.
San Diego	5 NW,bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NATS
San Marcos Valley (San Marcos)	1 W;hwy,RR N	530	19 S4	80 oct. No sto. Hill NE Pwr line E

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island OLF (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE,hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N,RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE,RR S	1015	29 L S4	91,80 oct. Poles SE,W. Port rnwy lgts.
(A) Victorville AAF(A)	6 NW,RR E	2875	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW,RR E	3225	32 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W,hwy N	2348	31	
→Warner Hot Springs	3 W,hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S
Wolfe's Arpk (Otay)	1.2 SE,RR W	220	30 S1	80,91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona OLF (N)	3 SW	1440	40h	
Sweetwater OLF (San Diego)	7.4 E	480	30h	
Catalina (Avalon, Calif.)	7 NW	1560	35	On Catalina Island PRIVATE.
→Ridgecrest (Calif.)	0.3 S	2300	40 L S4	80,91 oct. P-line E,NE. Data unver.
→Hidden Valley (Camarillo, Calif.)	10 SE;lake E	920	20	McMahans Oaklane Ranch. Data unver.
→Daggett Int. 13 LA-AC (Calif)	5 E;RR S	1927	64h R1 L3	

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★-Guarded only when associated tower inoperative.

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

LOS ANGELES

ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA

FRESNO 77

NAF. INYOKERN 72H

TRONA (W) 323

CALIF. 9 D.A.

DAGGETT 365 O-114, 116.1

BAKERSFIELD 239

LA CRESTA

AMBER 1

TEHACHAPI 45 S

MOJAVE-2751' 59H

CALIF. 17 D.A.

MUROC AAF 350 R

BORON

HAWES 56H

HELENDALE 56H

CALICO 58

AMBER 2

SILVER LAKE 269

TO MORGAN HILL

WHEELER RIDGE

MUROC AAF-2284' 80H L S-219 (126.18)

LEBEC 42

LANCASTER

LIBERTY 39H

BARSTOW

GREEN 4

MIRAGE

WAR EAGLE

STERK'S

ANTELOPE VALLEY 25 S

QUARTZ HILL

PALMDALE 2549' 70H L

MIRAGE 37H

VICTORVILLE AAF-2860' 74H L S-278 (126.18)

DAGGETT 64H L

TO NEEDLES

LAS VEGAS 79

CASTIAC 41

NEWHALL 209 (116.1)

PALMDALE 332 (116.1)

BLUE 14

SUMMIT

VICTORVILLE "66"

CALIF. 17 D.A.

BLYTHE 101

LOS ANGELES 260 (111.1, 116.1)

DOWNEY 11

LA HABRA 21

SAN BERNARDINO 30H S

FONTANA 17

BIG BEAR 35 S

MORROW 35 S

SAN BERNARDINO AAF-1120' 76H L S-272 (126.18)

TO SANTA BARBARA

LOS ANGELES (VHF) W-109.1

RIVERSIDE 30 S

TRI-CITY 29 S

GREEN 5

BLUE

YELLOW

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

ARLINGTON 32 S

BANNING 52H L S

HARMON

PALM SPRINGS 69 H

INDIO 34 S

INDIO 242

TO BLYTHE

LONG BEACH 233 (111.1, 116.1)

HUNTINGTON BEACH 11

RIVERSIDE 388 (111.1, 116.1)

ELSINORE

MARCH AAF-1533' 70H L S-201 (126.18)

LAKE ELSINORE

CALIF. 13 D.A.

FOR DETAILS IN LOS ANGELES AREA SEE CHART 139

CAMP PENDLETON OLF 64H S

OCEANSIDE 326 (116.1)

SAN MARCOS VALLEY

ENGEL

WARNER HOT SPRGS. 35 S

OCEANSIDE 34

McCORMICK

HI HI SKY RANCH

DEL MAR 26 S

MT. LAGUNA 254 (116.1)

SAN DIEGO 224 (111.1, 116.1)

SAN DIEGO

MCAS, MIRAMAR-480' 60H L S-3295 (142.74)

GILLESPIE 54H

SWEETWATER SPRGS.

GIBBS 29 S

PEIK

LA MESA 13

EL CAJON

RED 9

SAN NICOLAS IS. OLF 63

SAN CLEMENTE IS. OLF 50H

LINDBERGH-14' 88H L S-278 (118.3, 126.18)

LA PRESSA

JAMACHA

NAS. SAN DIEGO-25' 60H L S-266 (142.74) (SEAPLANE-2870)

NATIONAL CITY

CORONADO 10

LA MESA 27 S

CALIF. 7 D.A.

WOLFE'S

NAAS, BROWN 60 H

NAAS, REAM-23' 50H S-3295 (142.74)

ORDERLAND

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

● DESIGNATED RADIO FIX

♀ NON-COMPULSORY REPORTING POINT

Ⓡ : EXTREMELY HAZARDOUS

Ⓤ : USABLE WITH CAUTION

NOTE
HEAVY LINES ON SIDES OF ROUTE LEGS IDENTIFY "B" BOUNDARIES

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX

SCALE OF MILES

10 0 10 20 30

RADIO AIDS — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-DTV,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA (Fly)	250(UP)(116.1)	SBMRAZ-DTV,165°,5.8	(4); 116.1

CALIFORNIA

BLYTHE (AAF)	251(YH)(vhf)	SBMRAZ-DTV,268°,4.1	(4);116.1,122.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-DTV	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-DTV	(4); 116.1
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Aguila	1.5 NNW			ABANDONED.
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
Conner (Quartzsite)	0.3 SSW,hwy N	850	38	150' hill S.
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echevarria (Wickenburg)	See Wickenburg under "New Airports" - name changed.			
→ (A) Gila Bend AAF (A)	4 S,hwy W	858	62h R1 L5	TEMP INACT. NO FACS
(A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
(A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT.NO FACS
Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S1	80 oct.
Parker	1.4 ENE;RR W	430	32 S2	No fuel. Fld rough.RR S.
Salome (NC)	0.7 S,hwy N	1876	45	15' poles NW.
Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,riv E	2000	24	Trees SSE.
Smiley (Wellton)	13 E,RR S	250	26	Poles SW, NE. (NC)
Somerton	3 ENE,RR W	250	30 S3	80 oct.No sto.
★ → Tonopah Int,31, LA-PH	5 NNE Wintersburg			ABANDONED.
Wellton	0.5 NW,RR S	225	24 S2	73,80 oct.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct.Poles SE,E. ARPT OF
Calexico	1.2 W,riv N	0	28 S6	80,91 oct.Data unver. ENTRY.
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto.35'poles all zones.
(N) Clark's Dry Lake OLF (N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF -North (N) (NC)	21 NW El Centro	300	26	
(N) Coyote Wells OLF -South (N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE,rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck)
(N) EL CENTRO NAS (N)	7 WNW,RR S	-43	69h R2 L5 S4	91, 100 oct. No sto.
Gary (Blythe)	5 NNW,RR N	392	29h	
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct.No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S4	80,91 oct.Poles N. only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct.Poles SE.No bcn.Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF (Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		24 S6	80 oct. N S taxiing only. Rnwy data unver.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L S6	80,91,100 oct. Lgts prior req.
→ Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W. CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	

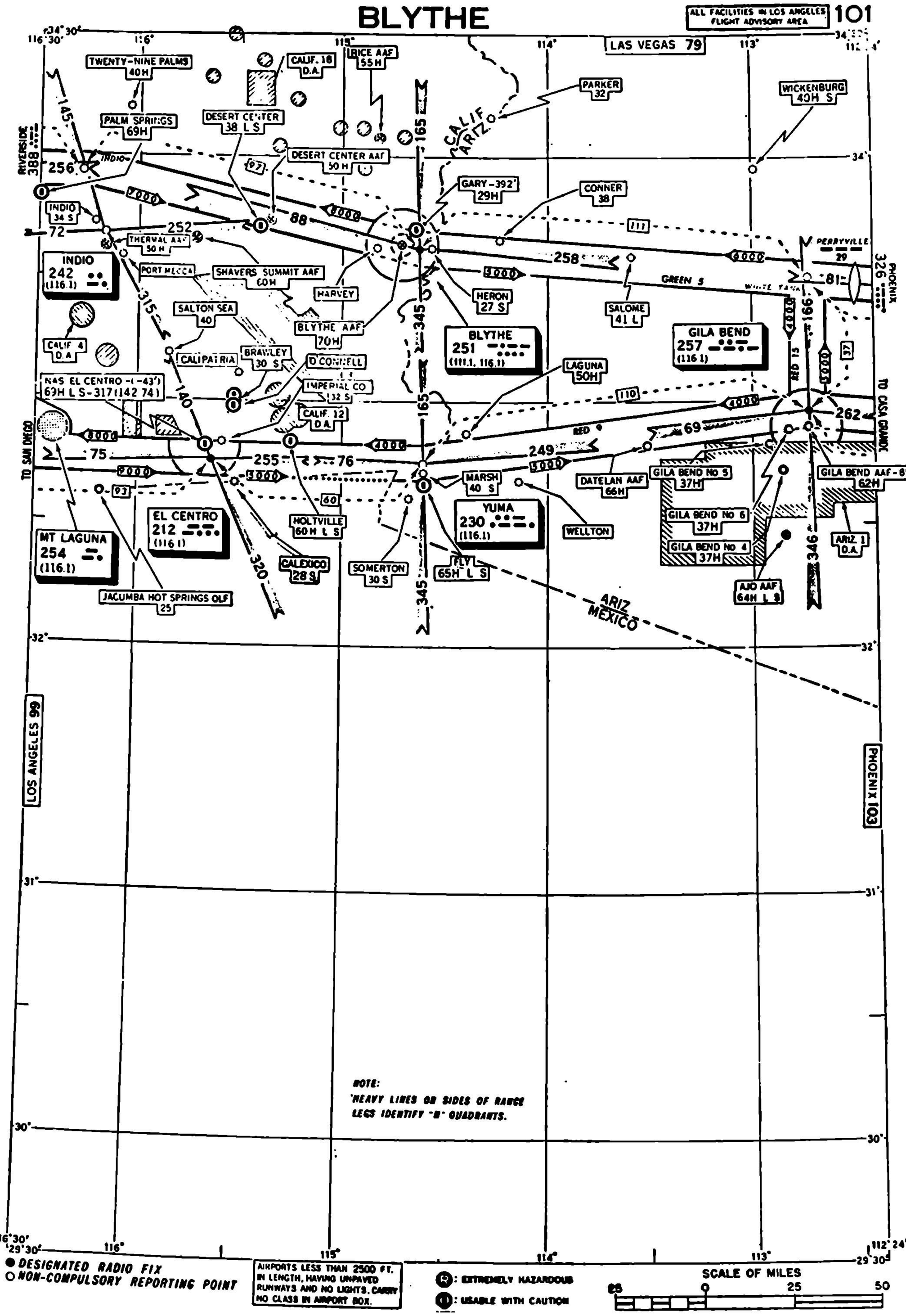
NEW AIRPORTS

(P) Fly (Yuma,Ariz.)	4.5 SSE.RR N	213	65h R1 L2 S2	80 oct. Ltd sto. Bndry lgts
Wickenburg Mun. (Ariz.)	14.8 WSW;RR N	2380	40h S2	80,91 oct. prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data.

BLYTHE

ALL FACILITIES IN LOS ANGELES FLIGHT ADVISORY AREA 101



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS. CARRY NO CLASS IN AIRPORT BOX.

(R): EXTREMELY HAZARDOUS
(U): USABLE WITH CAUTION

SCALE OF MILES
25 0 25 50

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CT)(116.1)	SBMRAZ-DTV,253°,2.2	(4); 116.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(4);116.1,126.18,118.3,122.5
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	32[illegible] (PH)(116.1)	SBMRAZ-DTV,261°, 2.3	(3); 116.1
RED ROCK FM	(- - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	27[illegible] (126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	33[illegible] (TZ)(116.1)	SBRAZ-DTV;307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
NEW MEXICO			
RODEO (Int.)	254(RH)(116.1)	BMRLZ-DTV,24°,0	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

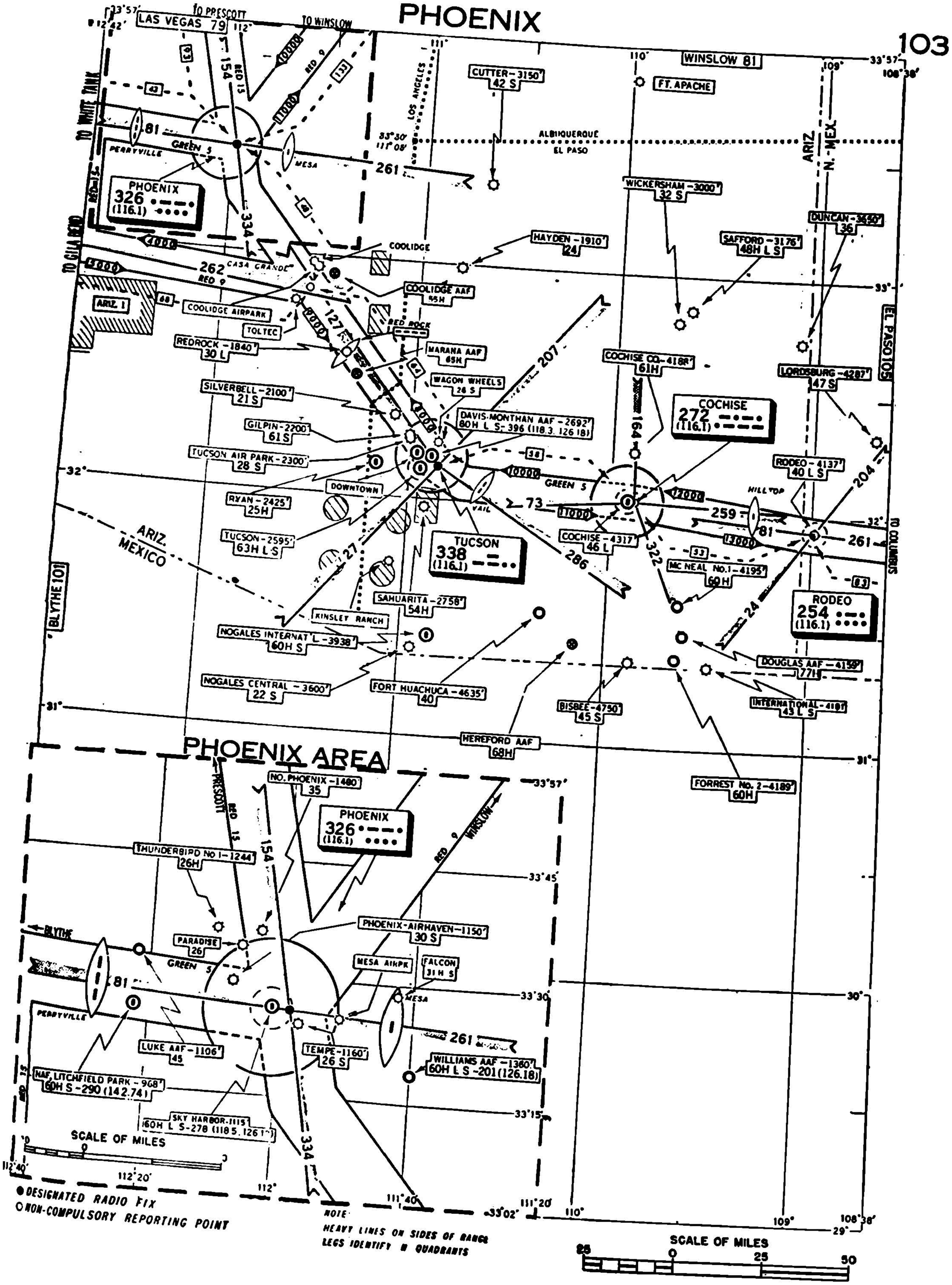
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW,RR N	1050	26	
Bisbee	6.4 SSE,RR W	4750	45 L S4	80 oct.Poles W.Port.rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Greenlee (Clifton)(NC)	8.7 SSE,hwy W	3800	35	
★ Cochise Int,T-3,PH-EO	6 S,hwy E	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S,RR E	1450	34	
(A) Coolidge AAF (A)	6.4 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW,RR E	1450	21 S1	80 oct. Pole line E.
Cutter (Globe)	6.8 ESE,RR N	3150	42 S4	80 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	5 SE,RR SW	2692	80h R2 L5 S6	73-100 oct. JP-1.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	CLOSED.Twrs E.
Duncan	1 NE	3650	36	Poleline, race track W.
Falcon (Mesa)	7.3 NE,hwy S	1332	31h S6	80,91 oct.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	CLOSED.
(P) Ft.Apache (White River)	2.6 SSW,riv S	5200	34 S2	80 oct.Trees S. Ctn-wet weather
(A) Ft. Huachuca (A)	4 E,RR NW	4635	40	
Gilpin (Tucson)	4.2 NW,RR W	2200	61 L5 S6	80,91 oct.Poles E, SW.
Hayden	1.2 S,hwy E	1910	24	
(A) Hereford AAF(A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct. Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW,riv E	3100	31	RR E
Litchfield (Litchfield Park)(NC)	0.5 NW,canal S	1062	23	Trees SW.
(N) Litchfield Park NAF (N)	4.8 S,riv E	968	60h R1 S1	100 oct.
(NG) Luke (Phoenix) (NG)	18 WNW	1106	45h	TMP INACT. NO FACS.
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	CLOSED.
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W.
Mesa Airpark	1.4 W,RR SE	1238	27 S1	80 oct. Poleline E.
Nogales Central	3 N,RR E	3600	22 S6	80 oct.No sto.

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE,hwy N	3938	60h L5 S4	73,80,91 oct.All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35	
Paradise (Phoenix)	6 NNW,canal S	1256	26 S2	80,91 oct. Trees S
Phoenix Airhaven	3.9 WNW,RR W	1150	30 S6	80 oct.No sto.Poles SW,NE.
✱ Redrock Int,7B, PH-EO	2,3 NW,RR E	1840	30 L4	
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford	4.5 ENE,riv S	3176	48h L5 S5	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E,hwy W	2758	54h	
Sells (NC)	2 NW,rd E	2380	30	
Silverbell (Tucson)	11.2 NW,RR E	2100	21 S1	80 oct.
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	73,80,91,100 oct.
Superior (NC)	2 WSW,hwy N	2600	15	Pole line NE.
Tempe	1.2 SW,RR E	1160	26 S6	80 oct.Poles E,trees W.
Three Point (Casa Grande)(NC)	1.5 NNW,RR SW	1400	32	
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	25	Allway: 2500 x 2000'
Toltec	0.4 NNW,RR W	1500	26	Poles SSW,SW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	28 S1	Ltd 80 oct.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct.No sto.Poles S,SE.
Wickersham (Safford)	2.5 S,RR NE	3000	32 S6	80, 91 oct.
Willcox (NC)	0.9 WNW,hwy E	4186	36	75' trees SE,bldgs NE.
(A) Williams (Chandler) (A)	10 E	1360	60h R1 L5 S6	73, 91, 100 oct. JP-1.
NEW MEXICO				
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
★ Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
NEW AIRPORTS				
Downtown (Tucson,Ariz.)	1.4 S;RR SW	2400	42 S2	80,91 oct.Poles N.
→ Stevens (Globe,Ariz)	4.2 ENE;hwy W	3600	29	PRIVATE.Slopes to S
→ Riggs (Chandler,Ariz)	6 SSE;hwy W	1300	26	PRIVATE.NW appch hazardous
→ Apache Junction (Ariz)	0.5 S;hwys N	1700	13	Trees WSW.
→ Gilbert (Ariz)	0.7 SSW	1200	16 S1	80 oct.P-line E,fence W.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted) → NEW OR REVISED DATA.

PHOENIX


TO PRESCOTT
TO WINSLOW
LAS VEGAS 79
CUTTER-3150'
42 S
WINSLOW 81
FT. APACHE
TO WHITE TANK
PERRYVILLE
GREEN 5
MESA
PHOENIX
326
(116.1)
ALBUQUERQUE
EL PASO
LOS ANGELES
ARIZ
N.-MEX.
WICKERSHAM-3000'
32 S
DUNCAN-3650'
36
SAFFORD-3176'
48H L S
HAYDEN-1910'
24
COOLIDGE
TO GILA BEND
CASA GRANDE
COOLIDGE AAF
55H
COOLIDGE AIRPARK
TOLTEC
RED ROCK
MARANA AAF
65H
REDROCK-1840'
30 L
WAGON WHEELS
26 S
COCHISE CO.-4188'
61H
LORDSBURG-4287'
47 S
EL PASO
SILVERBELL-2100'
21 S
GILPIN-2200'
61 S
DAVIS-MONTHAN AAF-2692'
80H L S-396 (118.3 126.18)
COCHISE
272
(116.1)
TUCSON AIR PARK-2300'
28 S
RODEO-4137'
40 L S
DOWNTOWN
RYAN-2425'
25H
HILLTOP
VAIL
TUCSON-2595'
63H L S
TUCSON
338
(116.1)
COCHISE-4317'
46 L
ARIZ.
MEXICO
MC NEAL NO.1-4195'
60H
RODEO
254
(116.1)
BLYTHE 101
SAHUARITA-2758'
54H
KINSLEY RANCH
NOGALES INTERNAT'L-3938'
60H S
DOUGLAS AAF-4159'
77H
NOGALES CENTRAL-3600'
22 S
FORT HUACHUCA-4635'
40
BISBEE-4750'
45 S
INTERNATIONAL-4101'
43 L S
HEREFORD AAF
68H
FORREST NO. 2-4189'
60H
PHOENIX AREA
NO. PHOENIX-1480'
35
PHOENIX
326
(116.1)
THUNDERBIRD NO 1-1244'
26H
PHOENIX-AIRHAVEN-1150'
30 S
PARADISE
26
MESA AIRPK
FALCON
31 H S
LUKE AAF-1106'
45
TEMPE-1160'
26 S
WILLIAMS AAF-1360'
60H L S-201 (126.18)
NAF, LITCHFIELD PARK-968'
60H S-290 (142.74)
SKY HARBOR-1115'
60H L S-278 (118.5 126.1)
SCALE OF MILES
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE
HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY II QUADRANTS
SCALE OF MILES

EL PASO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMOGORDO Army Range	221 (DGR)	167°,6.5	BMRLZ	(3); 4220; 126.18
ALAMOGORDO AAF Tower	272 (126.18)		CA	(3); 126.18
(A) Alamogordo AAF (N.M.)	8.5 SW;hwy S	4092	84h L5 S4	73, 100 oct. (A)
Alamogordo (N.M.)	2.4 N;hwy W	4320	29 S1	73 oct. P-line ESE
(A) Aragon #5 (Marfa, Tex)(A)	9 WNW;RR N	4880	60h	CLOSED.
(P) Artesia Mun. (N.M.)	4.2 W;rd S	3550	69h L5 S1	73-91 oct.
→ B&B Fly.Svc.(Roswell,N.M)	2 S;RR E	3600	32 S2	80 oct P-line W.
BIGGS Tower (Texas)	396 (126.18)+		CA (ILS-W)	(3); 126.18
(A) Biggs (El Paso,Tex)(A)	6 NE;RR W	3937	96h L5 S6	73,91,100 oct JP-1.
Bowie (Ariz)	1.9 W;RR N	3800	20	P-line NE,W.
CARLSBAD Range (N.M)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) Carlsbad,mun.(N.M.)	6.1 SSW	3276	65h L5	Hwy E.Rnwy lgts on req
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Carrizozo (N.M.)	0.6 N;hwy S	5420	33	
Clifton-Greenlee Co.	8.7 SSE;hwy W	3800	35	(Clifton, Ariz)
COLUMBUS Range (N.M)(Int)	284(KS)(116.1)	262°,1.9	SBMRAZ-DTV	(4); 116.1
★ Columbus Int,34,PH-EO	0.6 ESE;hwy N	4024	42 L3 S1	73 oct. (N.M.)
(P) Culberson Co.(Van Horn)	3.5 ENE;RR S	3955	60h	(Texas)
Decker Ranch (Candelaria)	11.5 N	3650	29	PRIVATE. (Texas)
★ Delaware Springs Int.,11, EO-FV (Texas)	16.8 E of Pine Springs	3955	40 L3 S1	91 oct. P-line SSE.
(A) Deming AAF (A) (N.M)	2 ESE;hwy W	4314	81h	CLOSED.
Deming Arpk (N.M.)	6 WSW;RR N	4300	31 S4	73 oct. No sto.
(A) Deming (South)(N.M.)(A)	19.5 SSW	4240	60h	CLOSED.
(A) Deming (Center)(N.M.)(A)	11.5 W;hwy S	4440	60h	CLOSED.
(A) Douglas AAF (Ariz)(A)	8.5 NNW	4159	77h	CLOSED Twrs E.
Duncan (Ariz)	1 NE;race track W	3650	36	P-line W.
EL PASO Range (Tex)	242(EO)(116.1)	257°,4.9	SBRAZ-DTV	(3); 116.1, 122.1
EL PASO Tower (Tex)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,118.7,126.18
★ [El Paso Mun.](Tex)	4.8 ENE;RR SW	3936	70h L6 S1	73,91,100 oct. No sto. ARPT OF ENTRY
ENGLE Range (N.M.)(Int.)	344(EX)(116.1)	172°,2.9	SBRAZ-DTV	(4); 116.1
★ Engle Int,10,EO-PU(N.M.)	2.6 E;hwy N	4853	45 L3	
(A) Forrest #2 (Douglas,Ariz)	6.4 WNW	4189	60h	CLOSED
Fort Hancock (Tex)	0.7 SE;RR N			ABANDONED (A)
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
★ Hachita Int,29B,PH-EO	0.8 W;RR N	4498	38 L3	P-line N. (N.M.)
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
→ Hot Springs (N.M.)	7.4 N;hwy E	4750	75 S4	80 oct.Rnwy data unver
★ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	(Texas)
Hurley (N.M.)	0.8 W;RR E	5748	33 S4	73 oct. No sto.
[International](Douglas, Ariz)	3.3 E;hwy N	4181	43 L4 S4	80,91 oct.Fld lgts prior req.ARPT OF ENTRY
John J.Small (Carlsbad)	3.5 SSE;RR NE	3150	27 S1	73 oct. (N.M.)
Jundt (Strauss, N.M.)	8.8 ESE;hwy NE	3709	32 S6	73,80 oct.No sto.Trees
Kent (Texas)	0.6 WNW;RR S	4260	21	P-line NE,SW.PRIV E.
Las Cruces (N.M.)	1 NE;hwy N	3900	35	
Las Cruces, mun.(N.M.)	8.5 W;hwy S	4426	75h L5	Site 4, EO-PU.
Las Cruces (old)(N.M.)	9.5 NE;hwy S	4538	39	Pwr line S.Mtn E.
Lordsburg (N.M.)	1 SE;RR N	4287	47 S1	73 oct.
Magdalena (N.M.)	0.8 N;RR S	6572	48 S1	Ltd 73 oct.P-line SW.
→ Marfa Mun. (new)(Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
→ Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
(A) McNeal #1 (Douglas,Ariz) (A)	19 NNW	4195	60h	TMP INACT. NO FACS.
★ Mt.Riley Int,37,PH-EO	1.8 SE;RR N	4106	36 L2	(N.M.)
Parker (Ruidoso,N.M.)	8.2 NNE;rd N	7200	36	Cattle on fld.Road N.
RODEO Range (N.M.)	254(RH)(116.1)	24°,0.0	BMRLZ-DTV	(4); 116.1
★ Rodeo Int,26A,PH-EO	7.3 NNE;RR SE	4137	40 L3 S1	Ltd 73 oct. (N.M.)
[Roswell] (N.M.)	1.6 WNW;RR E	3621	56 L5 S6	73 oct.Fld lgts prior
Roswell Com. (N.M.)	4 W;hwy N	3700	33	Windmill SW. req.
ROSWELL Army Range (N.M.)	305 (DEH)	255°,3.6	SBMRAZ	(3); 126.18
ROSWELL AAF Tower (N.M.)	396 (126.18)+		CA	(3); 126.18
(A) Roswell AAF (N.M.)(A)	6.5 S	3666	85h L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3(N.M.)(A)	18 S	3712	70h	CLOSED.
Ruidoso Fly.Svc. (N.M.)	2 N	6900	51 S2	80 oct.Data unver.
(A) Ryan #3 (Marfa,Tex)(A)	19 WNW;RR NE	4750	60h	CLOSED.
Safford (Ariz)	4.5 ENE;riv S	3176	48h L5 S5	80,91 oct.Fld lgts prior
SALT FLAT Range (Tex.)	335(DN)(116.1)	162°,2.7	BMRLPZ-DTV	(4); 116.1 req
★ Salt Flat Int,8A,EO-FV	17 SW Guad.PS	3710	40 L3 S1	80 oct. Hwy S. (Tex)
Sierra Blanca (Tex)	2.8 ESE;hwy N	4450	21	P-line N.
Silver City (N.M.)	11.5 SE;hwy E	5400	54	
Skytel (Deming, N.M.)	1 W		38 S2	73,80 oct.Data unver.
Socorro (N.M.)	2.5 S;hwy E	4759	60h L5	Use rnwys only.
State College(Mesilla Park)	1.2 E;RR W	3800	30 S6	73 oct.No sto.(N.M.)
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct.Hwy W.
Tracy (Carlsbad,N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
Tularosa (N.M.)	2.2 N;RR W	4550	25	Use strips only.
Valley (Berino, N.M.)	1 ENE;hwy W	3825	34 S1	73 oct.50'hi-line E.
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct.Poles NW.
Whitehill (Silver City,N.M.)	4 SSE	5800	30	P-line N.Rnwy data
Wickersham(Safford,Ariz)	2.5 S;RR NE	3000	32 S6	80,91 oct. unver.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIGGS (A)	109.9	333.8	210°	IM- (0.26)	MM- ·····(0.85)	OM- ——(4.35)
					MMK-	OMK-
EL PASO	109.5	332.6	217°	IM-	MM- ·—·—(0.67)	OM- ——(4.56)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

→ Kelly's (Acola,Tex)	0.3 NE	3550	24	Slightly rough & soft.
→ Springeville-Eager (Springeville,Ariz)	1.5 W	7000	37 L S1	80 oct.Flare pots prior req.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)-→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

EL PASO 105

WINSLOW 81 | ALBUQUERQUE 83

BIG SPRING 121

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓤ USABLE WITH CAUTION

Ⓔ EXTREMELY HAZARDOUS

PHOENIX 103

ABILENE 107

ALBUQUERQUE

EL PASO

ARIZ. — N.M.

N.M. MEX. TEX.

MAGDALENA Ⓤ

SOCORRO

CARRIZOZO

PARKER Ⓤ

+ RUIDOSO FLY. SVC.

HOT SPRINGS

ENGLE

TULAROSA

ALAMOGORDO

ARTESIA

CLIFTON-GREENLEE CO.

SAFFORD

WICKERSHAM

DUNCAN

WHITEHILL

HURLEY

SILVER CITY

BOWIE

LORDSBURG

DEMING AAF

DEMING (CTR)

SKYTEL

DEMING

LAS CRUCES (OLD)

LAS CRUCES

LAS CRUCES MUN.

STATE COLLEGE

VALLEY

MT. RILEY

JUNDT

HACHITA

DEMING (SO.)

RODEO

COCHISE

HILLTOP

GREEN 5

MCNEAL NO 1

DOUGLAS AAF

INTERNATIONAL

FORREST NO 2

COLUMBUS

HARRINGTON RANCH

EL PASO MUN.

278 KC. 118.7, 126.18 MC.

EL PASO

242

116.1 MC.

BIGGS AAF

396 KC. 126.18 MC.

ROSWELL AAF

305

ROSWELL AAF

396 KC. 126.18 MC

ROSWELL COM.

ROSWELL

B AND B FLY. SVC.

ROSWELL AAF NO 3

ENGLE

344

116.1 MC

ALAMOGORDO AAF

272 KC 126.18 MC

ALAMOGORDO AAF

221

CARLSBAD Ⓦ

311

CARLSBAD

TRACY

JOHN J. SMALL

CARLSBAD MUN.

CARLSBAD NO. 1

RODEO

254

116.1 MC

COLUMBUS

284

116.1 MC.

SALT FLAT

335

116.1 MC.

GUADALUPE PASS

VOICE–116.1 MC.

HUECO MT.

HUDSPETH

SALT FLAT

GUADALUPE PASS

DELAWARE SPRINGS

TEX-LINE

SIERRA BLANCA

CULBERSON CO.

KENT

VAN HORN

MARFA MUN.

RYAN NO. 3

ARAGON NO. 5

DECKER RANCH

CASTOLON

RED 51

D.A

122 216 293 35 142 241 322 61 162 324 342 347 341 157 167 176 170 350 204 24 81 259 53 272 34 12000 9000 8000 10000 6000 66 45 83 82 78 258 237 57 30 29 18 17 112 70 79 257 77 261 31 33 25 75 50

STATUTE MILES

VARIATION ←14°E TO 12°E→

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

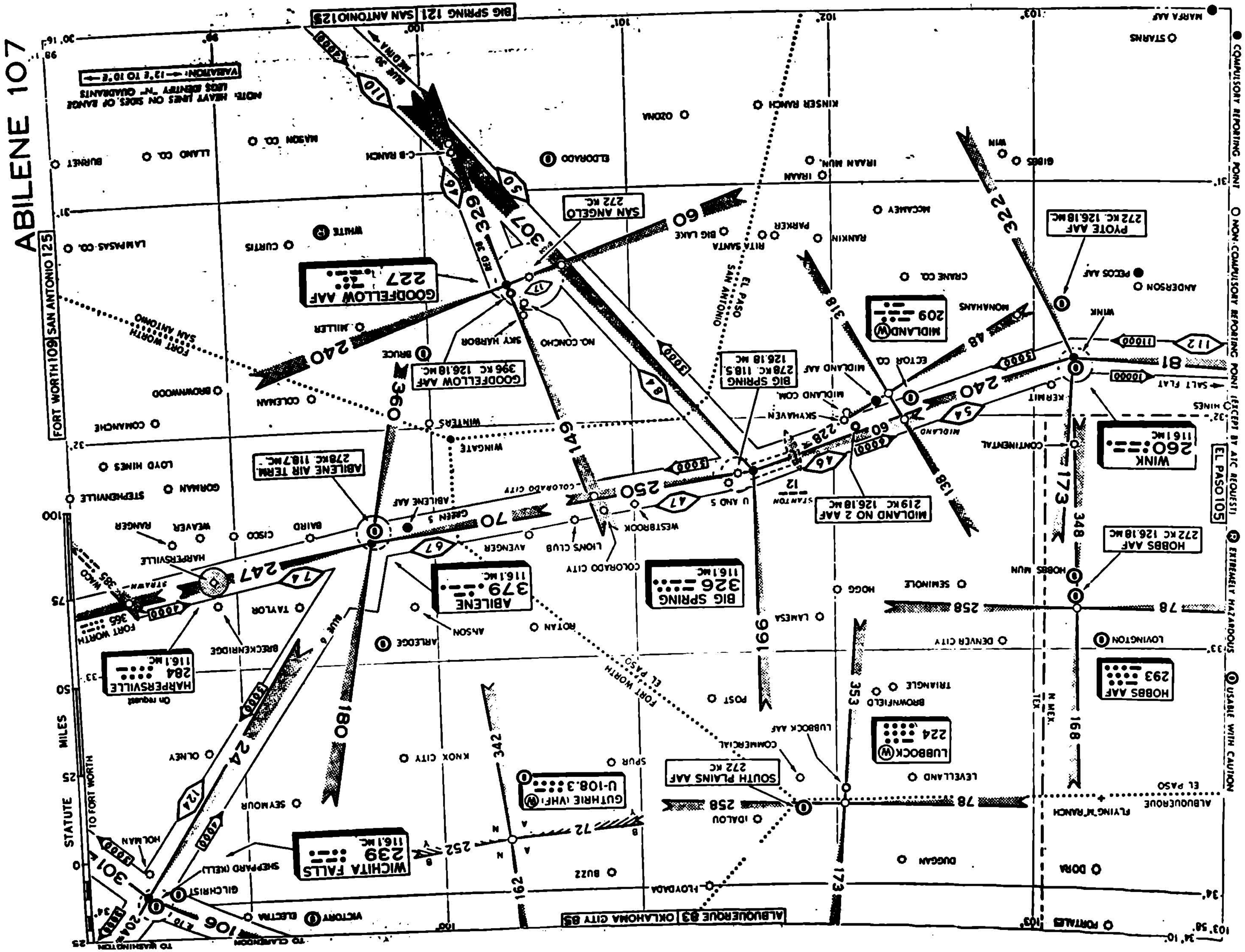
109° 45′ 109° 108° 107° 106° 105° 103° 58′ 34° 10′ 30° 16′

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(A) Abernathy #1 (Tex) (A)	5 ENE			ABANDONED.
ABILENE Range (Tex) (Air Term.)	379 (AP) (116.1)	180°, 2.2	SBRAZ-DTV	(3); 146.1, 122.1 NATS
ABILENE AIR TERM. Tower (Tex)	278 (118.7)		C	(4); 118.7, 126.18, 122.5 (7-23)
(P) Abilene Air Terminal (Tex)	2.8 ESE; RR N	1758	36h L5 S6	73, 80, 91 oct. 100 oct. Army.
(A) Abilene AAF (Tex) (A)	7 WSW; hwy N	1793	50h	CLOSED.
Anderson (Pecos, Tex)	1.8 NNW; RR W	2620	42 S6	80 oct. Poles sur fld.
Anson (Tex)	0.8 ENE; RR W	1650	21 S1	80 oct.
Arledge (Stamford, Tex)	5 SE; RR SW	1600	23h	P-line S.
(P) Avenger (Sweetwater, Tex)	3.5 W; RR S	2370	62h L5 S6	80, 91 oct.
Baird (Tex)	3.1 NNE; hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW; RR S	2950	37 S1	80 oct.
BIG SPRING Range (Tex)	326 (BZ) (116.1)	70°, 3.9	SBRAZ-DTV	(3); 116.1, 122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18, 122.5, 118.5 (7-23)
(N,P) [Big Spring] (Tex)	3.3 WSW; RR N	2595	62h L5 S6	80, 91, 100 oct. NATS.
Breckenridge (Tex)	2.5 S; RR E	1250	29 S6	80 oct.
Brownfield (Tex)	5 E; hwy N	3314	50 S2	80 oct. P-line N, NE.
Brownwood Mun. (Tex)	6.3 NNE; RR S	1386	50h L5 S4	80, 91 oct. Ctc lgts on req.
Bruce (Ballinger, Tex)	4.5 SSW; hwy NW	1731	23h S6	80 oct. Usable strip 7460'.
Burkburnett (Tex)	1 SE; RR SW			ABANDONED
Burnett (Tex)	2 NE; RR W	1325	21 S1	80 oct. P-line SW.
Buzz (Roaring Springs, Tex)	2.3 NNE; hwy W	2600	26 S1	73 oct. P-line S.
C-B Ranch (Ft. McKavett, Tex)	1.5 W; road S	2150	32 S1	80 oct. Livestock on fld.
→ Cisco (Tex)	2.5 NNW; lake 2 N	1620	30 L S4	80, 91 oct. Flare pots, flds
Coleman (Tex)	1.7 NE; crk SW	1685	16h S2	80, 91 oct. Use rnwys prior req.
Comanche (Tex)	1.7 NNW; hwy SW	1500	14	
Commercial (Lubbock, Tex)	3.2 SE; bet hwys	3240	40 S6	73, 80 oct. No sto. Use strips
Continental (Jal, N.M.)	0.7 W; hwy E	3100	20	
Crane Co. (Crane, Tex)	1 NNW; hwy E	2900	45 S1	73 oct. Hi-line S.
Curtis (Brady, Tex)	3 N; hwy SE	1830	42 S1	Ltd fuel.
Denver City (Tex)	0.8 NW	3584	40 S1	80 oct. Data unver.
Dora (N.M.)	1.3 E; hwy W	4000	27 S1	73 oct. P-line N.
Duggan (Littlefield, Tex)	1.2 S; RR NE	3550	37 S4	80, 91 oct. Pwrline E, NE, SE
Dyche (Ft. Stockton, Tex)	9 SW; RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW; hwy W	2900	50 S2	80 oct.
Eden (Tex)	1 NW; hwy E			ABANDONED
Eldorado (Tex)	1 W; RR E	2400	32 S1	80 oct. Poles E. Cattle on fld.
Electra (Tex)	3.6 WNW; RR S	1229	27 S2	80 oct.
Floydada (Tex)	1.2 NNW; RR N	3287	20 S1	80 oct. P-line S. RR SW.
Flying "M" Ranch (Milnesand)	0.4 NNW; hwy E	4360	20 S2	80 oct. Data unver. (N.M.)
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
Gilchrist (Wichita Falls, Tex)	7 WNW; RR S	1020	30 S1	80 oct. P-line S.
GOODFELLOW Army Range (Tex)	227 (DIP)	329°, 2.5	BMRLZ	(3)
← GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo, Tex) (A)	3 SE; rds N, W	1877	55h	TMP INACT.
Gorman (Tex)	1 S; RR NE	1400	26 S2	80 oct. Poles NNE.
→HARPERSVILLE H Fac. (Tex)	284 (HV) (116.1)		MHTV	(4); 116.1, 122.1
* Harpersville Int, 44, EO-FV (Tex)		1396	45 L3	9.2 S of Breckenridge
HOBBS Army Range (N.M.)	293 (DHB)	168°, 2.8	BMRLZ	(3) (V, 7-23)
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW; RR NE	3707	88h L5 S4	100 oct.
[Hobbs Mun.] (N.M.)	5 W; hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W; hwy N	3000	38 S1	80 oct. Bldg SW.
Holman (Wichita Falls, Tex)	3.1 SSE; hwy W	980	31 L S6	80, 91 oct. Poles SE, E, NE
Idalou (Tex)	5.5 ENE	3189	54h	Flood lgts.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE; hwy W	2500	33 S2	80, 91 oct. P-line N, S, SE Use strips only.
Kermit (Tex)	1.3 E; hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona, Tex)	25 W; riv W	2474	24 S1	80 oct. PRIV. Data unver.
Knox City (Tex)	0.8 SSE; RR W	1550	17	
Lamesa (Tex)	8 NNE; hwy E	3031	43h	Use rnwys only.
Lamesa Com. (Tex)	1.8 WNW; hwy S			ABANDONED
Lampasas Co. (Lampasas, Tex)	6 NW; RR S	1480	42 S2	80 oct.
Levelland (Tex)	2 S; hwy W	3550	25 S1	80 oct. P-line NW, SW.
Llano Co. (Llano, Tex)	2.4 NNE; riv NE	1029	40 S1	73 oct.
Lovington (N.M.)	0.8 E; hwy S	3985	36 S1	73 oct. P-line S, SE, SW.
Loyd Hines (Dublin, Tex)	1.3 NW; RR SW	1260	18 S1	73 oct. Poles NW, SW, SE.
LUBBOCK Army Range (Tex)	224 (DHH)	173°, 3.7	MRLWZ	
(A) Lubbock AAF (Tex) (A)	9 W; RR S	3332	65h	TEMP INACT. NO FACS,
(A) Marfa AAF (Tex) (A)	9 ESE; RR N	4885	75h	CLOSED.
Mason Co. (Mason, Tex)	3.2 ESE; hwy N	1500	44	
McCamey (Tex)	0.8 SW; RR N	2425	38 S6	80 oct. Hi-line SSE.
→ Me-Tex (Hobbs, N.M.)	4.5 W; hwy N	3700	35 S6	80, 87 oct. P-line N, W, NW.
MIDLAND Army Range (Tex)	209 (DON)	48°, 3.8	MRLWZ	
(A) Midland AAF (Tex) (A)	9.5 WSW; RR S	2867	65h	CLOSED.
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58, 126.18
(A) Midland #2 AAF (Tex) (A)	3 NW; rd E	2805	64h L5 S4	91, 100 oct. JP-1. No sto.
Midland Com. (Tex)	1.1 SSE; RR N	2800	28 S4	80 oct. No sto. Rnwy data unver
Miller (Leaday, Tex)	1 S; riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW; RR N	2643	32 S6	80, 91 oct. P-line SSW.
North Concho (San Angelo, Tex)	1.7 WNW; RR E	1850	28 S6	80, 91 oct. P-line N, E, SE.
(P) Olney (Tex)	4 WSW; rd S, N	1274	55h L5 S6	80, 91 oct. Lgts prior req.
Ozona (Tex)	4.9 WSW; hwy N	2474	52 S1	80 oct.
Paducah (Tex)	2.5 ESE; RR NW			ABANDONED
Parker (Texon, Tex)	2.3 W; RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW; RR W	2617	72h	CLOSED.
Portales (N.M.)	4.5 SW; RR NNW	4200	46 S1	73 oct.
Post (Tex)	0.8 NE; RR W	2700	28	SSW, W blckd Canyon E
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW; RR N	2612	85h L5 S6	91, 100 oct. No sto.
Ranger (Tex)	1.5 SSW; RR W	1420	28 S6	80 oct. P-line NE.
Rankin (Tex)	0.4 NE; RR S	2500	27	P-line S. Use strips only
Rita Santa (Tex)	0.5 S; RR N	2800	40	Obsts sur fld.
Rotan (Tex)	1.4 NNW; rd E	2000	26	Poles E. CAUTION.
SAN ANGELO-MATHIS Tower (Tex)	272		CI	(4) (12-1 hr. after sunset)
(P) San Angelo-Mathis Fld. (Tex.)	8.5 SSW; rd NW	1915	59h L5 S6	80, 91 oct.
Seminole (Tex)	1.3 E; lake SE	3312	34 S6	80 oct. P-line S. Use strips
Seymour (Tex)	1.3 SE; riv SW	1300	27 S1	80 oct.
→ [Sheppard/Kell Mun.] (Wichita Falls, Tex)	5.8 N; hwy W	1028	66h L5 S6	80, 91, 100 oct.
Sky Harbor (San Angelo, Tex)	4.6 NNW; RR SW	1840	30 L3 S4	80, 91 oct. After 2100 lgts on req. P-line W, NW
Sky Haven (Midland, Tex)	1.4 NE; RR S	2800	41 S6	73, 80, 91 oct. P-line ENE, SE
SOUTH PLAINS AAF Tower (Tex)	272		CA	(4) (8-22)
(A) [South Plains AAF] (Lubbock)	5.5 NNE; RR W	3256	65h L5 S6	73, 91, 100 oct. JP-1 (Tex)
Spur (Tex)	2.2 S; RR N	2363	28 S4	80, 91 oct.
Stamford (Tex)	2.5 N; hwy E			ABANDONED. Port rnwy lgts
Starns (Alpine, Tex)	2.1 NW; RR E	4481	42 L S6	80, 91 oct. prior req.
Stephenville (Tex)	1.5 E; hwy S	1310	30 L S6	80 oct. Port rnwy lgts
Taylor (Albany, Tex)	1 N; RR SW	1429	28 S2	80 oct.
Triangle (Brownfield, Tex)	1.8 SSW; RR NW	3200	20 S2	73 oct.
U & S Fly Svc. (Big Spring, Tex)	1.5 N; hwy S	2517	30 S6	80 oct.
Victory (Vernon, Tex)	5.9 SSW; hwy E	1230	20h S2	No fuel.
Weaver (Eastland, Tex)	1 NE; RR S	1576	31 S6	80 oct.
* West Brook Int, 32, EO-FV (Tex)	1.3 S; RR N	2188	34 L3	P-line N, S.
White (Brady, Tex)	10 W; RR N	1550	73	
WICHITA FALLS Range (Tex) (Sheppard/Kell Mun.)	239 (WF) (116.1)	305°, 1.7	SBMRAZ-DTV	(4); 116.1, 122.1
Win (Ft. Stockton, Tex)	3.2 E; hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260 (WP) (116.1)	353°, 1.2	SBRAZ-DTV	(4); 116.1
Wink (Tex)	3.6 WNW; rd SE	2824	70h L5 S6	80, 91 oct.
Winters (Tex)	2 NW; RR E	1860	29 S1	73 oct.
NEW FACILITIES				
GUTHRIE Range (Tex)	108.3 (UH)		VARW	
→ Colorado City (Tex)	1.5 S; riv NW	2100	21	Ravine E.
→ Spade Ranch (Westbrook, Tex)	14.8 S; ranch 4 E	2127	26	
→ Paudler (Crosbyton, Tex)	1.5 E; RR W	3108	16 S2	80 oct. P-line N, NE, NW.
→ Tahoka (Tex)	1.3 SSW; hwy E	3090	41 L S6	80 oct. P-line NE, W, NW.
→ Winston (Littlefield, Tex)	2.5 ENE	3550	43	P-line W. Strip lgts prior req.
→ Westodessa (Odessa, Tex.)	1.5 WSW; RR S	2880	33 S2	80, 91 oct. P-lines NNW, SSE

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (S) - 3165, 4495, 6210 kcs. (W) - 3165, 4495, 6210, 21217.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on mid guards 116.1, 127.65, 149.85 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ϕ - Guarded only when associated tower inoperative.

AIRPORTS: h - hard surface(s) runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. (James) - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

ABILENE 107


COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
FORT WORTH 109 SAN ANTONIO 125
BIG SPRING 121 SAN ANTONIO 125
ALBUQUERQUE 83 OKLAHOMA CITY 85
EL PASO 105
MILES
STATUTE
TO FORT WORTH
TO WASHINGTON
TO CLARENDON
FORT WORTH SAN ANTONIO
ABILENE
SAN ANGELO 272 KC
GOODFELLOW AAF 227 126.18 MC
GOODFELLOW AAF 396 KC 126.18 MC
ABILENE AIR TERM. 278 KC 118.7 MC
ABILENE 379 116.1 MC
BIG SPRING 326 116.1 MC
BIG SPRING 278 KC 118.5 126.18 MC
MIDLAND 209
MIDLAND NO 2 AAF 219 KC 126.18 MC
PYOTE AAF 272 KC 126.18 MC
WINK 260 116 MC
HOBBS AAF 272 KC 126.18 MC
HOBBS AAF 293
LUBBOCK 224
SOUTH PLAINS AAF 272 KC
GUTHRIE (VHF) U-108.3
HARPERSVILLE 284 116.1 MC
On request
WICHITA FALLS 239 116.1 MC
ABILENE AAF
COLORADO CITY
BIG SPRING
MIDLAND AAF
MIDLAND CO.
SKYHAVEN
MIDLAND
KERMIT
WINK
ANDREWS
MONAHANS
PECOS AAF
CRANE CO.
MCCAMEY
RANKIN
RITA SANTA
PARKER
BIG LAKE
IRAAN MUN.
IRAAN
GIBBS
WIN
KINSER RANCH
OZONA
ELDORADO
C-B RANCH
MASON CO.
LLANO CO.
BURNET
LAMPASAS CO.
CURTIS
WHITE R
MILLER
SKY HARBOR
NO. CONCHO
BRUCE
BROWNWOOD
COLEMAN
COMANCHE
WINTERS
WINGATE
LOYD HINES
GORMAN
STEPHENVILLE
BAIRD
CISCO
WEAVER
RANGER
HARPERSVILLE
STRAWN
MACO
TAYLOR
BRECKENRIDGE
ARLEDGE
ANSON
ROTAN
AVENGER
LIONS CLUB
WESTBROOK
U AND S
STANTON
CONTINENTAL
HOBBS MUN
SEMINOLE
HOGG
LAMESA
DENVER CITY
LOVINGTON
TRIANGLE
BROWNFIELD
POST
LUBBOCK AAF
COMMERCIAL
LEVELLAND
IDALOU
SPUR
KNOX CITY
OLNEY
SEYMOUR
HOLMAN
SHEPPARD (KELL)
GILCHRIST
VICTORIA
BLECTRA
BUZZ
FLOYDADA
DUGGAN
DORA
PORTALES
ALBUQUERQUE
FLYING 'M' RANCH
N MEX.
TEX.
MARFA AAF
STARNS
ANDERSON
SALT FLAT
HINES
CONTINENTAL
EL PASO
ALBUQUERQUE
FORT WORTH
SAN ANTONIO
BLUE 30
RED 30
BLUE 6
VARIATION: 12°E TO 10°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
180
149
138
166
173
162
342
353
348
168
240
250
260
270
247
224
106
204
301
360
307
329
322
318
240
60
50
46
47
54
67
71
24
12
112
81
78
258
252
228
126
124
122
110
96
83
85
105
93
97
99
100
101
102
103
30'
31'
32'
33'
34'
25
50
75
100
103° 50'
34° 10'
98°
16'
5000
7000
10000
11000
4000
3000
1000
365
385
M420
M430
M435
M360
M350
M340
M330
M320
M310
M300
M290
M280
M270
M260
M250
M240
M230
M220
M210
M200
M190
M180
M170
M160
M150
M140
M130
M120
M110
M100
M90
M80
M70
M60
M50
M40
M30
M20
M10

FORT WORTH

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Bowie (Tex)	2.8 NW;bet RRs	1050	19	Cattle on fld. Trees N.
Brown (Bonham, Tex)	8 N;hwy W			ABANDONED
Byrn's Sky Ranch (Hillsboro, Tex)	5.8 NE	820	25 S6	80 oct. Data unver. Trees
Carthage Air Svc. (Tex)	1.3 W;hwy N,S	310	30 S2	80,91 oct. P-line N. E,W.
Clarksville (Tex)	2.8 NNW;RR SW	480	20 S6	73,80 oct.
Cleburne Northwest (Tex)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Commerce (Tex)	3.4 NNE	548	27 S6	80,91 oct. Hwy SE.
Commercial (Durant, Okla)	5.2 W;RR N			ABANDONED
Corsicana, com. (Tex)	2.8 SW;bet rds			ABANDONED
Corsicana, mun. (Tex)	5.6 SE;RR E	448	20h S6	
(A) Cox AAF (Paris, Tex)(A)	6.5 ESE;RR N	546	46h	CLOSED.
DALLAS Range (Love)(Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Denton (Tex)	4 WSW		42h S6	80,91 oct. No sto. Data unver.
DUNCANVILLE H Fac. (Tex)	404 (D)	176°,10.5	FMHW	Dallas.
(P) Eaker (Durant, Okla)	3.2 SSW; RR NW	703	52h L5 S1	80,91 oct. All lgts prior req.
Elder (Kilgore, Tex)	2.5 NE;RR E	352	27 S6	80,87,91 oct. P-line W.
(P) Ellis Co. (Waxahachie, Tex)	3.5 NE;RR S	585	31 S2	73 oct. P-line S.
Ennis (Tex)	1.5 NW;RR E	540	18 S4	Ltd 73 oct. No sto.
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°, 2.4	SBRAZ-DTXV	(3); 116.1, 122.1
Gage (Teague, Tex)	1.7 N		22 S4	80 oct. P-line W. Data unver.
(A) Gainesville AAF (Tex)(A)	3.8 WNW;RR S	833	45h	TMP INACT. NO FACS.
Gainesville com (Tex)	3 NNE;hwy W	800	30 L1 S1	80 oct. Poles S.
(A) Gaskin (Sherman, Tex)(A)	12.6 SW;rd E	745	40h L	B-2, flood lgts.
GRAUWYLER PARK H Fac.	311 (L)	356°,0.8	FMHW	Dallas (Tex)
Gray (Denison, Tex)	2.5 E;RR N	675	24 L S6	80 oct. Emerg. lgts by circling fld.
(P) Gregg Co. (Longview, Tex)	7.2 S;riv N	365	52h S1	80,91 oct.
Hamilton (Tex)	2.3 SSW;hwy E	1250	47 S6	80 oct. Fence sur fld.
Hartlee (Denton, Tex)	5.4 NE;RR SSE	588	27 S6	73,80 oct. Poles S.
HASLET H Fac. (Tex)	371 (F)	1°,8.1	FMHW	Fort Worth
Henderson (Tex)	2.1 WNW;hwy S	410	19 S2	73 oct.
Holmes (Gilmer, Tex)	4 N;RR W	370	23	P-line W. Cattle on fld.
(P) Idabel (Okla)	1.3 NW;RR E	500	32 S1	80 oct. Rnwy data unver.
Jacksonville (Cypress, Tex)	3 N;RR E	500	26 S6	73,80 oct. P-line ENE.
Jones (Bonham, Tex)	2 NNE;hwy E	616	18 L S1	80,91 oct. Lgts on req.
Legion (Paris, Tex)	1.9 NW;RR E	538	31 S6	80 oct. P-line E.
LOVE Tower (Dallas, Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18
(P) [Love] (Dallas, Tex)	5 NNW;RR SW	483	52h L6 S6	73-100 oct. Poles S
McKinney (Tex)	2.1 S;hwy W	616	23 S2	80 oct. Poles E,W.
(P) Majors (Greenville, Tex)	5 SSE;RR W	544	55h S4	80, 91 oct.
Marshall (Tex)	3.9 SE;hwy N	400	30 S6	73 oct. P-line N.
MEACHAM Tower (Fort Worth, Tex)	272 (126.18, 118.7)		AC (ILS)	(4);126.18,118.7,122.5
(N)(P) [Meacham](Fort Worth, Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73-100 oct. NATS (Hospital flights)
Mexia (Tex)	1 SE;RR NW	550	24 S2	80 oct.
Mount Pleasant (Tex)	2.8 ENE;RR S			ABANDONED
Muenster (Tex)	2.6 E;RR S	1010	26 S1	80 oct. P-line S.
(P) Nacogdoches (Tex)	4 WSW;hwy E	370	43h S5	80, 91 oct.
(P) Palestine (Tex)	4.5 WNW;hwy N	410	40h L5 S6	80, 91 oct.
* Parker Int, 48, JI-FV (Tex)	0.6 N;hwy W	847	31 L3	
(A) Perrin (Sherman, Tex)(A)	6.4 NNW;RR N	753	51h	TMP INACT. NO FACS.
(P) [Pounds] (Tyler, Tex)	5.5 W;hwy N	543	51h L5 S4	80,91 oct. Ctc lgts prior req. No sto.
(P) Rusk Co. (Henderson, Tex)	2.5 WSW;hwy N	440	30h	
Rutherford (Greenville, Tex)	4.5 WSW;hwy SE			ABANDONED
Seventy-Five (Corsicana, Tex)	1.8 N;RR W	480	21 L S6	73 oct. No sto. Port rnwy lgts. Poles NW.
Sherman (Tex)	1.4 SE;hwy N	749	25h S6	80 oct.
* Simms Int, 14, DL-LV (Tex)	1 NE;hwy E	357	26 L3	P-line E,S.
South Sulphur (Greenville, Tex)	9.5 NNE	550	30	
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts.
Stewart (Tyler, Tex)	2.5 E;hwy N	520	32 L S6	80,91 oct. Poles W. Ctc lgts prior req. Rnwy data unver
SULPHUR SPRINGS H Fac.	224 (ZO)		MHW	Operates cont.
Sulphur Springs, 7B, DL-LV (Tex)	1.9 NW;RR S	472	35 L3 S1	80 oct. P-line S,SE
TYLER Range (Tex)(Pounds)	320(TQ)(116.1)	120°,1.6	BMRLZ-DTV	(4);116.1,122.1
WACO Range (Tex)(Mun.)	385(WC)(vhf)	9°, 2.6	SBRAZ-DTV	(4); 116.1, 122.1
Waco (Tex)	7 NNE;bet RRs	470	63h	
(A) [Waco Mun.] (Tex)	6 NW;lake S	510	57h L5 S6	80,91,100 oct.
(A) Waco #5 (Prairie Hill, Tex)	2 S;hwy N	560	40h	CLOSED (A) NOT MAINT
Waxahachie (Tex)	1.5 SSW	558	16 S1	73 oct. Hwys E.
Weddington (Hugo, Okla)	1.9 NW;hwy SW	550	24 S6	80 oct. P-line E.
Whaley (Gainesville, Tex)	5.7 WSW;RR N	820	20 S6	80 oct. P-line N.
** Wills Point Int, 7, FV-AG	5.9 NW	529	28 L3	(Tex)
Wisener (Mineola, Tex)	1.5 NW;hwy S	510	32 S2	73 oct.
Wolfe City (Tex)	2 N		20	No fuel. P-lines N Data unver.

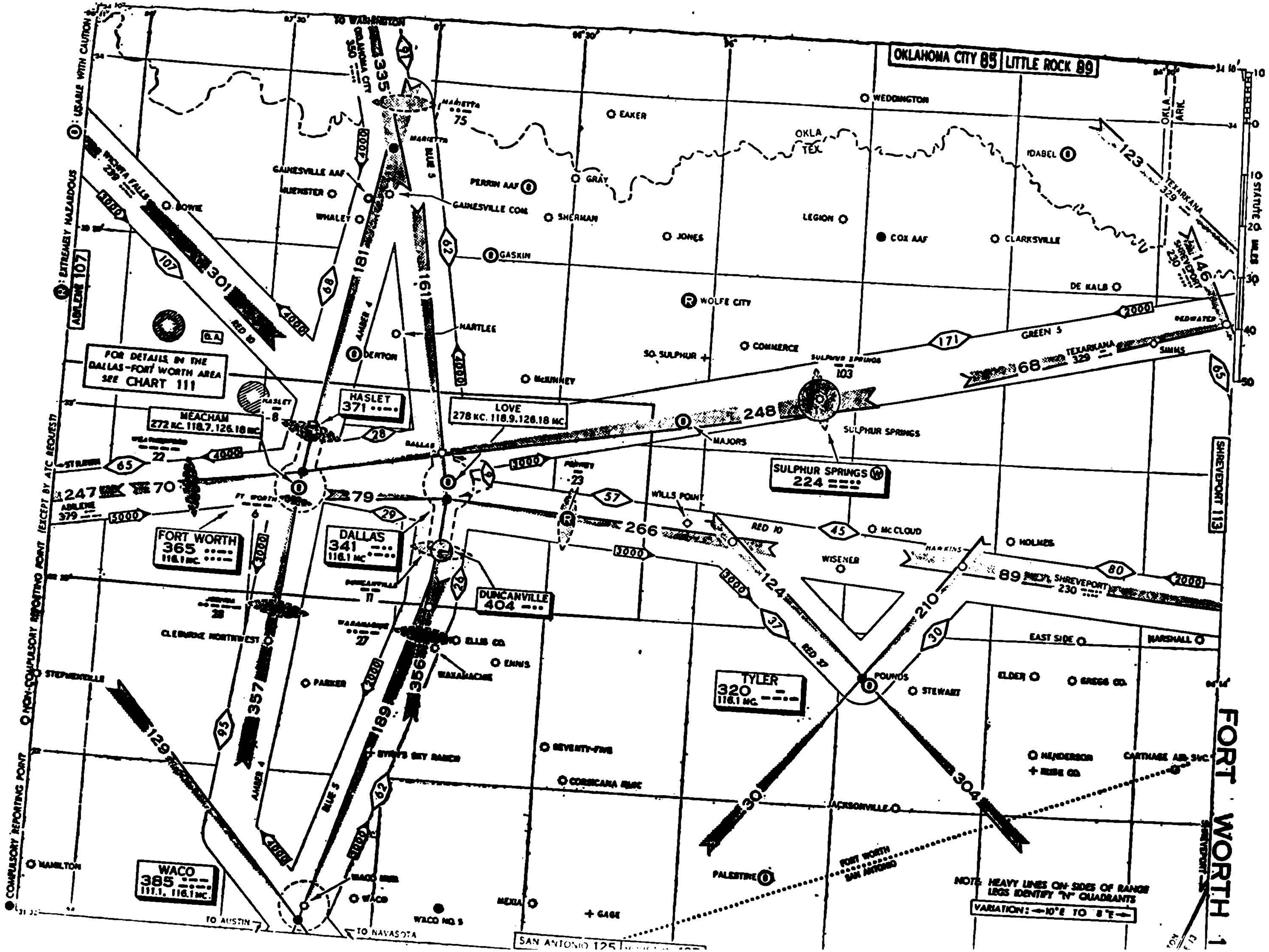
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOVE	110.3	335	126°	IM-	MM- •–•–(0.7)	OM- ––(4.35)
					MMH-	OMH-
				IM-	MMH-	OMH
MEACHAM	109.9	333.8	172°	IM-	MM- •–•–(0.71)	OM- ––(4.10)
					MMH- 356 ••–•	OMH-

NEW FACILITIES

East Side (Longview, Tex)	2.4 NE;RR S	352	25 L S6	80,91 oct. Port rnwy lgts.
Denton (Tex.)	4 WSW	630	42h S6	80,91 oct. P-line S

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice, (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized


OKLAHOMA CITY 85 LITTLE ROCK 89
TO WASHINGTON
OKLAHOMA CITY
350
335
MARIETTA
75
MARIETTA
BLUE 5
4000
GAINESVILLE AAF
GUENSTER
WHALEY
GAINESVILLE COM
PERRIN AAF
EAKER
GRAY
WEDDINGTON
OKLA
TEX
IDABEL
123
OKLA
ARK
TEXARKANA
329
SHREVEPORT
230
146
SHREVEPORT
SHREVEPORT 113
STATUTE MILES
WICHITA FALLS
259
BOWIE
107
301
RED 10
68
181
AMBER 4
191
62
GASKIN
LEGION
COX AAF
CLARKSVILLE
JONES
SHERMAN
DE KALB
WOLFE CITY
HARTLEE
DENTON
ASHLEY 107
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
FOR DETAILS IN THE DALLAS-FORT WORTH AREA SEE CHART 111
HASLET
371
MEACHAM
272 HC. 118.7, 126.18 MC
LOVE
278 KC. 118.9, 126.18 MC
SO. SULPHUR
COMMERCE
McKINNEY
SULPHUR SPRINGS
103
GREEN 5
171
HEDWATER
SIMMS
TEXARKANA
329
68
65
248
MAJORS
SULPHUR SPRINGS
224
SULPHUR SPRINGS
22
65
247
70
ABILENE
379
FT. WORTH
6
279
29
DALLAS
341
116.1 MC
FORT WORTH
365
116.1 MC
DUNCANVILLE
404
DUNCANVILLE
11
CLEBURNE NORTHWEST
27
ELLIS CO.
ENNIS
WAXAHACHIE
PARKER
STEPHENVILLE
357
356
189
95
129
AMBER 4
BLUE 5
62
SEVENTY-FIVE
STEVENS SKY RANCH
CORSICANA RSMC
HAMILTON
WACO
385
111.1, 116.1 MC
WACO MUN.
WACO NO. 5
MEXIA
+ GAGE
TO AUSTIN
TO NAVASOTA
SAN ANTONIO 125
FORT WORTH
SAN ANTONIO
PALESTINE
ACKERMAN
30
304
TYLER
320
116.1 MC
POUNDS
STEWART
ELDER
GREGG CO.
EAST SIDE
MARSHALL
HENDERSON
RUSK CO.
CARTHAGE AIR SVC
57
WILLS POINT
266
RED 10
45
McCLOUD
HOLMES
WISENER
HAWKINS
89
80
124
RED 37
37
210
30
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 10°E TO 8°E
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
FORT WORTH 1

FORT WORTH - SAN ANTONIO

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	MLZ-DTV	(3);116.1,122.1 (Tex)
Arlington-Midway (Tex)	6.8 NNE;RR S	567	41h L5	Poles S.
(N) Arlington OLF (Tex) (N)	4 SSW;rd W	695	13h	
Bexar Co. (San Antonio,Tex)	7.1 SSW;rd W	640	32 S6	80,91 oct.Poles,trees
BROOKS Tower (Tex)	396 (126.18)		CA	(3); 126.18 NW,S,W.
(A) Brooks (San Antonio,Tex) (A)	6.5 SSE;RR W	594	52h L5 S6	73,91,100 oct.
Caddo Mills (Greenville,Tex)	10.7 SW;hwy W	540	40h	
(A) Clear Springs #5 (New Braunfels, Tex) (A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Clearview (Dallas, Tex)	5.1 SSW;RR N	619	30h S6	80, 91 oct.
Craigg (Sayers, Tex)	1.8 W;hwy N	650	41 S1	80 oct. RR N.
DALLAS Range (Love) (Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Davis (San Antonio, Tex)	6.7 N;RR SE	780	16 S1	80 oct.
DUNCANVILLE H Fac.(Tex)	404 (D)	176°,10.5	FMHW	Dallas.
(N) Eagle Mtn Lake MCAS (N)	1 SSE;RR NE	745	60h	INACTIVE. (Newark,
Faurie (Gonzales, Tex)	2 NNE;hwy E	340	18 S2	80 oct.Trees N,S. Calif.
→ Fliers (Dallas, Tex)	6.5 WSW;RR W			ABANDONED
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°,2.4	SBRAZ-DTXV	(3); 116.1, 122.1
→FORT WORTH AAF Tower	317(126.18)+		CA ◆:45,05	(3); 126.18
(A) Fort Worth AAF (Tex)(A)	6.8 WNW;lk N.	636	73h L5 S6	73,91,100 oct. JP-1.
(N) Grand Prairie OLF (N) (Tex)	1 WSW;RR N	529	30h L5 S4	73 oct.No ben.
→GRAUWYLER PARK (Tex)	311 (L)	356°,0.8	FMHW	Dallas
Handley (Tex)	0.6 NE;RR S	630	26 S6	73 oct.
HASLET H Fac.(Tex)	371 (F)	1°, 8.1	FMHW	Fort Worth.
HENSLEY Tower (Tex)	396 (126.18)		CA	(4); 126.18
(A,N)Hensley (Dallas,Tex)(A,N)	11 WSW;hwy N	495	52h L5 S4	73,91,100 oct.
Hicks (Ft. Worth, Tex)	12.5 NNW	820	27	Lake W.
Highland Park (Dallas,Tex)	9 N;RR E	622	27h L S6	80,91 oct.P-line E. Ctc lgts N/S rnwy. Data unver.
Hudson (Dallas, Tex)	9.6 NE;RR SE	614	17h S6	80,91 oct.P-line W.
Hurt (San Antonio, Tex)	6.5 WNW	680	36 S6	80 oct. Hwy W.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio,Tex) (A) →	6.8 W;RR NE	675	75h L5 S6	62,73,91 oct.JP-1. FOR.CLEAR.STN.
Kuehler (New Braunfels,Tex)	1.7 SE;riv NW	720	18	P-line NW.Cattle on fld
Lake (San Antonio, Tex)	10 S;RR E	700	23 S2	73 oct.
Leon Valley (San Antonio)	8.6 WNW;hwy E	710	40 S6	80,91 oct.Pwr line N,W,
Lou Foote (Dallas, Tex)	8.8 S;hwy E	665	35 S6	73,80,91 oct.Bldgs NW. N, NE.
LOVE Tower (Dallas, Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18
(P) [Love] (Dallas, Tex)	5 NNW;RR W	483	52h L6 S6	73-100 oct. Poles S.
Luling (Tex)	1.1 SE;hwy NE	418	21 S1	80 oct.P-lines sur fld.
Luscombe (Garland, Tex)	2.2 WSW;RR N	610	50 S5	80 oct. No sto.
(A) Martindale #4 (San Antonio, Tex) (A)	7.1 E;RR S	660	30h	
MEACHAM Tower (Tex)	272 (126.18, 118.7)		AC (ILS)	(4); 126.18,118.7,122.5
(N,P) [Meacham] (Ft. Worth) Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73,80,91,100 oct.NATS (Hospital flights)
Midwest (Ft. Worth, Tex)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct.Port rnwy lgts. P-line W,S.
(P) Mineral Wells (Tex)	3.2 SE;RR N	938	42h L5 S6	80,91 oct.Rnwy lgts on req. Data unver
Mission (San Antonio,Tex)	4.5 S;hwy E	567	23 S6	80 oct.No sto.P-line
Mustang (Dallas, Tex)	6 NNE;hwy NE	604	32 S6	80,91 oct. NNE.
Parker Int,48,JI-FV (Tex)	0.6 N;hwy W	847	31 L3	
RANDOLPH Army Range (San Antonio, Tex)	359 (DRQ)	322°,2.04	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio) (A)	15.8 ENE;RR NW	752	70h L5 S6	91,100 oct.No sto.
Riomedina (Castroville)	4.5 N;riv W	855	45	(Tex)
Russell (Ft. Worth, Tex)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Saginaw (Tex)	0.5 WNW;RR E	790	26 S6	80, 91 oct.
SAN ANTONIO Range (Kelly)	254(ZN)(116.1)	107°,1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO	278 (118.5)		C (ILS)	(4);118.5,122.5,126.18
→ [San Antonio Mun.-Alamo] (San Antonio, Tex)	7.8 N;RR SE	800	55h L6 S2	80,91 oct.
Schneider (Seguin, Tex)	2.2 WNW;RR N	520	23	P-line N.
Second Ave.(Dallas,Tex)	7 SE;RR N	530	26 S1	73,80 oct.Use strips. Poles S.
Seguin (Tex)	3.3 WSW;riv E	400	29 S1	73,80 oct.P-line NW
(A) Seguin #1 (Tex) (A)	3 E;rd N	530	54h	
Skyline (Dallas, Tex)	3.2 SSE;riv E	430	26 S6	80,91 oct.Trees NW
Sky Ranch (Arlington,Tex)	3 SW;RR N	590	25 S2	80 oct.
STINSON Tower (Tex)	209		CI	3105, 6210 (8-2230)
Stinson (San Antonio,Tex)	6.2 SSE;RR E	567	49h	
T.C.U. (Ft. Worth, Tex)	6.6 SW;RR S	710	24 S6	80, 91 oct.
Terrell Mun. (Tex)	1.5 SE;RR W	490	30h	80, 91 oct.
Wallace (Terrell, Tex)	2 W;RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman,Tex)	4 W;hwy N			ABANDONED
Weatherford Mun. (Tex)	1 W;hwy N	1147	38 S4	80 oct.
White Rock (Dallas,Tex)	6.7 ENE;RR NW	543	29 L S6	91 oct. Port rnwy lgts.
Yates (San Antonio, Tex)	13.7 N;hwy W	968	33	
YOAKUM H Fac. (Tex) (Int.)	236 (YK)	352°,2.8	HW	
Yoakum (Tex)	4 N;hwy W	375	20 S6	80 oct.
* Yoakum Int,7,JR-HU (Tex)	5 NW;hwy S	387	39 L3	
(A) Zuehl #6 (Tex) (A)	0.8 NE	610	30h	Hwy NW.

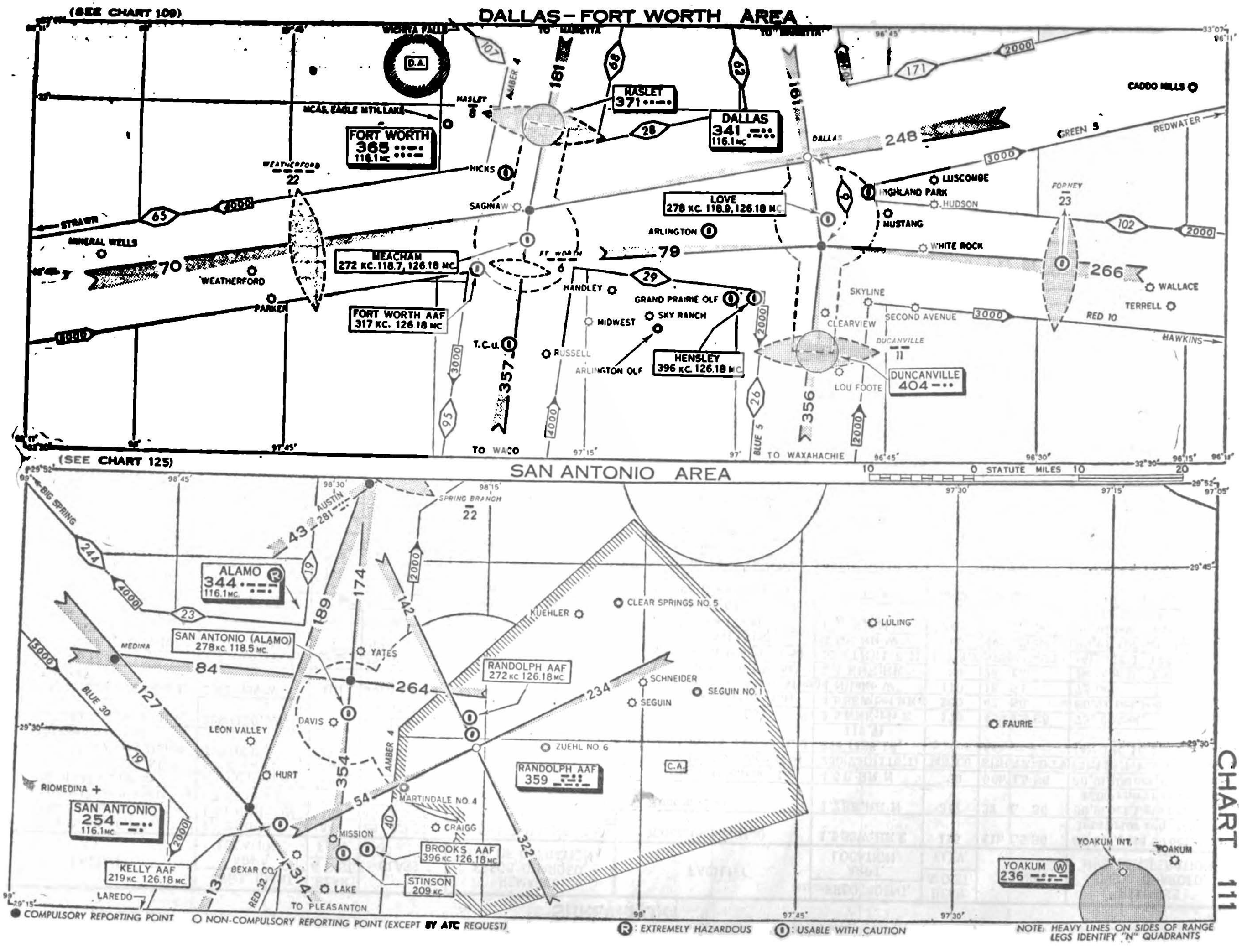
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALAMO	109.9	333.8	30°	IM-	MM-•—•—(0.68)	OM- ——(4.38)
					MMH-	OMH- 230
LOVE	110.3	335	126°	IM-	MM-•—•—(0.70)	OM- ——(4.35)
					MMH-	OMH-
				IMH	MMH	OMH
MEACHAM	109.9	333.8	172°	IM-	MM-•—•—(0.71)	OM- ——(4.10)
					MMH- 356	OMH-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. + Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

DALLAS – FORT WORTH AREA



● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 111

SHREVEPORT

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
★ Arcadia Int,26,FV-AG	4.5 E;RR S	341	29 L3 S2	No fuel.P-line SW.(La)
Arkadelphia,24,DL-LV	1.5 ENE;RR N	186	40 L3 S6	80 oct.P-line N,NW(Ark)
Ashley Co.(Crossett,Ark)	5.5 NE;RR E	160	21 S1	Ltd 80 oct.Obsts sur fld.
Atlanta Mun. (Tex)	2 WSW;hwy NW	264	37	P-line ESE,SSE.
Baker (Magnolia,Ark)	4.3 E;hwy S	300	18 S6	91,80 oct.P-line SW.
BARKSDALE Army Range (Shreveport) (La)	379 (DBY)	325°,4.4	SBMRAZ	(3)
BARKSDALE Tower (La)	396 (126.18)+		CA(ILS-W) (GCA)	(3); 126.18
(A) Barksdale (Shreveport, La) (A)	5.8 E;riv W	167	100h L5 S4	73,91,100 oct. JP-1.
Bastrop (La)	2.8 WSW;riv W		18 S1	80 oct.
Burnside & McDonald (Newellton, La)	1.5 SW;RR E	77	40	
Castle (St.Joseph, La)	2 N	75	20 S4	80 oct.No sto.Data unver
Childress (Flora,Miss)	1.5 NNW;RR E	186	30 S1	73 oct.Trees,bldg N.
→ Cleveland (Miss)	2 NW;hwy S	140	26 S6	73 oct.
Cole (Heads, Miss)	3 NE;RR W	118	16	
→ Cypress(Greeny'l.Miss)	1.5 SSW:lk E	125	28 S4	80 oct.
David G.Joyce(Winnfield)	3 NW;hwy E	130	16 S1	80 oct.Trees N. (La)
Delhi Flying Svc. (La)	0.5 N	95	23 S4	80 oct.P-line E.Data un-
(P) De Soto Parish	4.3 NW;hwy S	322	51h	(Mansfield, La) ver.
Dixie Dusting Co. (Greenville, Miss)	2 SE;RR,hwy N	118	16 S4	73 oct.No sto.
El Dorado (Ark)	1.5 S;RR W	265	24 S4	80 oct.
(P) [El Dorado-Goodwin]	8.6 W;hwy S	278	51h	(El Dorado, Ark)
Everett (Moorhead, Miss)	1 SE;RR N	127	37 S6	73 oct. No sto.
Ferriday (La)	1.5 N;RR,hwy E	55	17	
Gardner (Gilbert, La)	1 E;hwy S	75	16 S1	Ltd 73 oct.
Grayson (Camden,Ark)	3.4 SW;RR S	135	26 S6	80,91 oct.No sto.
Greenville,mun. (Miss)	3.5 ESE;hwy N	118	40h S4	80 oct.
(A) Greenville AAF (Miss)(A)	6.5 NE;rd W	129	40h L5 S2	80,91 oct P-line E,SE.
Hart (Many, La)	1.8 SSW;RR E	242	24	Trees NNE
Hinds Co.(Jackson,Miss)	12.8 W; RR SE	244	40h	
Hodge (La)	0.5 ENE;hwy NW	300	24	Cattle on fld.
Hope (Ark)	5 NNW;RR E	359	55h L5 S6	80,91 oct.Use rnwys only
Hope Prescott (Prescott)	3 SW;RR E	280	21 S6	80 oct. (Ark)
Joseph H. Sharpe	1.8 ESE;RR S	135	25 S2	73 oct.(Natchez,Miss)
→ Lakeview (Leland,Miss)	1.7 SE;lake E	120	16 S2	80 oct.
L.B.Strange (Tutwiler)	0.7 SSE;hwy W,E	160	22 S6	80 oct.N blckd. (Miss)
→ Leland (Elizabeth,Miss)	1.5 NE	119	20 S1	80 oct. Pwrline NW.
→ Le Tourneau (Yokena, Miss)	2.5 NW;riv W	80	30 L	Bndry lgts on req.Ctn when wet.
Lucien (Shreveport, La)	8 S;RR E	170	32 S6	80,91 oct.
Magnolia (Ark)	1.6 WSW;RR E	225	30	10' bldg SSW.
McGehee (Ark)	0.6 NNW;RR E	145	30 S1	80 oct. Hwy E.
Minden (La)	1.5 W;RR S	200	26 S4	80 oct. Trees sur fld.
MONROE Range(Selma)(La)	359(UO)(116.1)	25°,2.8	SBMRLZ-DTV	(4);116.1,122.1
Monroe Arpk (La)	1.5 N;RR N		26 S6	80 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
(P) Natchitoches (La)	1.5 SSW;RR E	115	41h L5 S6	80 oct.; ltd 90 oct. Ctc lgts prior req. No bcn.
Ruston (La)	1.2 SE;RR N	317	32 L S6	80,91 oct.Lgts prior req. 1600' rnwy hard surface
(P) [Selman] (Monroe, La)	4.6 E;RR N	79	50h L5 S6	80,91,100 oct.Fld lgts on
SHREVEPORT Range (La)	230(ZH)(116.1)	146°,1.8	SBRAZ-DTV	(3);116.1,122.1 req.
SHREVEPORT Tower (La)	278 (126.18, 118.7)		AC	(4); 126.18,122.5,118 7
(P) [Shreveport] (La)	2.5 NNE;riv E	179	45h L5 S6	73, 80 oct.
Shreveport Arpk (La)	4.5 SSW;bet RRs	200	47 S6	80,91 oct.P-line SE.
Skinner (Glen Allan,Miss)	4 N;lake W	110	18 S1	73 oct.
★ Tallulah Int,36,FV-AG	2.4 ENE;RR S	84	28 L3	Beacon S. (La)
TEXARKANA Range (Ark)	329(TR)(116.1)	123°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
[Texarkana] (Ark)	4 NE;RR W	389	40h L5 S6	80,91,100 oct.;100 oct.
Texarkana (Tex) 108.7(WE)	6 W;RR N	340	25 L S6	80,91 oct.Flare Army pots in emerg.
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	20 S4	73 oct. No sto. P-line W.
VICKSBURG H Fac.(Miss)	382(VS)(116.1)		MHTV	(4); 116.1,122.1
Vicksburg (Miss)	6.8 NE;hwy W	287	39 S4	80, 91 oct.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.
Woodside (Grace,Miss)	1.5 NNW	106	24 S1	80 oct.
Yazoo Mun. (Miss)	2 N;RR E	110	18 S4	80 oct.No sto.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

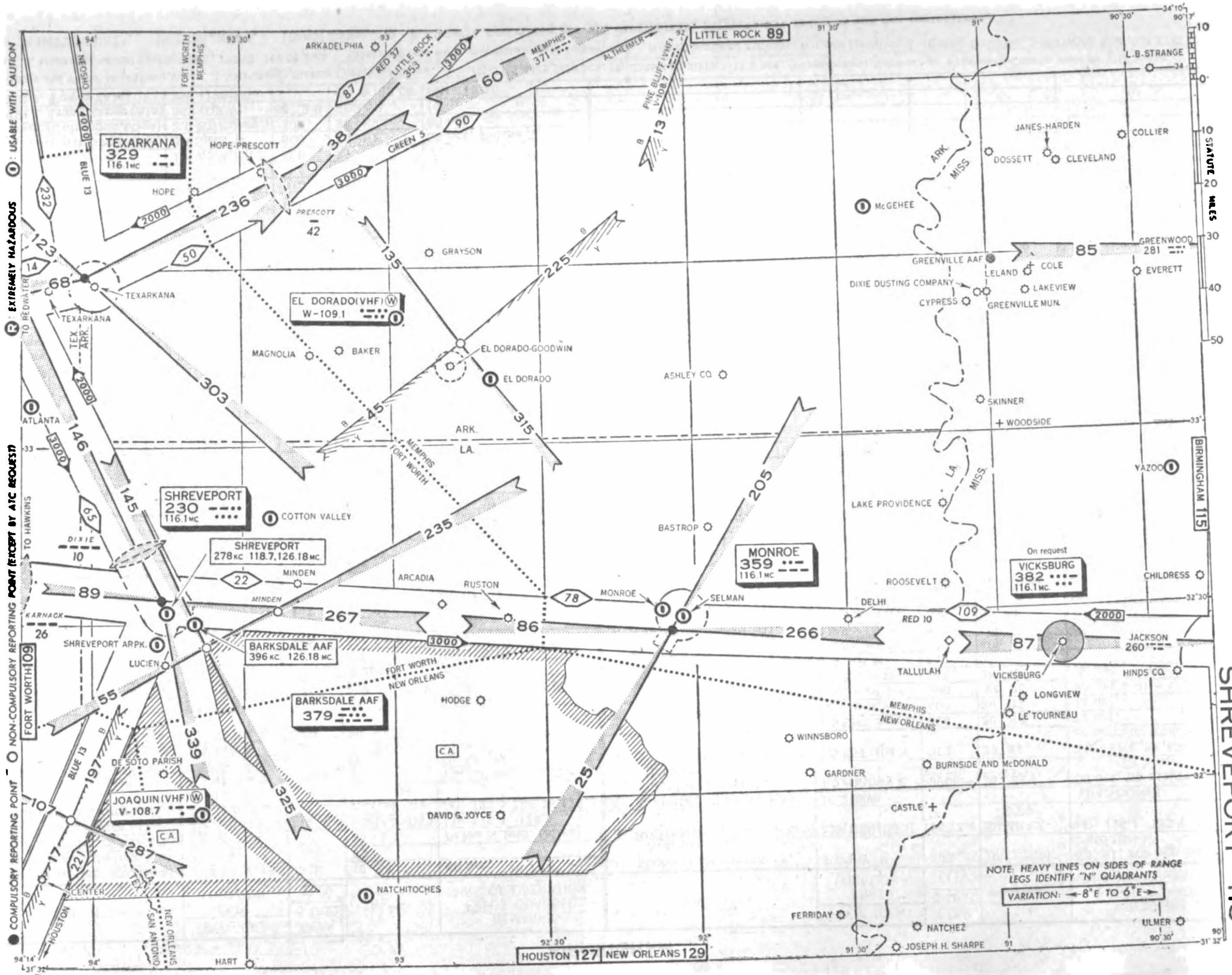
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BARKSDALE(A)	109.9	333.8	143°	IM- (0.01)	MM-·····(1.00)	OM- – –(4.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

EL DORADO Range(Ark)	109.1 (LD)		VARW	
JOAQUIN Range (Tex)			VARW	
→ Indianola (Miss)	3 NW	125	45h S6	80,91 oct.
→ Collier (Shaw,Miss)	0.7 SSW;hwy N	150	21 S1	80 oct.
→ Tate (Leland,Miss)	1.5 NNE;hwy W	119	13 S2	80 oct.Soft when w t.
→ Davis (Nitta Yuma,Miss)	0.5 SSE;RR W	115	19 S1	80 oct. P-line W. Rough.
→ Pertshire (Miss)	0.4 S;hwy E	155	26	P-line WSW,ENE. Private.
Gourdon (Ark.)	0.2 NW	250	22 S2	80 oct.NW blkd.Trees NE
Carpenter (Hamburg,Ark.)	0.7 NW;RR SE	150	21 S2	80 oct.Trees W.P-line
Griffin (Warren,Ark.)	2.3 ESE;riv E,S	200	28 S2	73 oct.Cattle on fld. W,S,E
Monticello (Ark.)	2.2 E;hwy S	230	27 L S6	80 oct.N,E,S,W blkd. Port lgts.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111 1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


SHREVEPORT 113
TEXARKANA 329 116.1 MC
SHREVEPORT 230 116.1 MC
SHREVEPORT 278 KC 118.7,126.18 MC
BARKSDALE AAF 396 KC 126.18 MC
BARKSDALE AAF 379
MONROE 359 116.1 MC
VICKSBURG 382 116.1 MC
EL DORADO (VHF) W-109.1
JOAQUIN (VHF) V-108.7
PINE BLUFF (VHF) V-108.7
LITTLE ROCK 89
HOUSTON 127
NEW ORLEANS 129
BIRMINGHAM 115
ARKADELPHIA
HOPE-PRESCOTT
HOPE
PRESCOTT
GRAYSON
TEXARKANA
MAGNOLIA
BAKER
EL DORADO-GOODWIN
EL DORADO
ASHLEY CO.
ATLANTA
COTTON VALLEY
MINDEN
ARCADIA
RUSTON
BASTROP
SELMAN
DELHI
ROOSEVELT
LAKE PROVIDENCE
YAZOO
SKINNER
WOODSIDE
GREENVILLE AAF
GREENWOOD 281
EVERETT
LELAND
COLE
LAKEVIEW
GREENVILLE MUN.
DIXIE DUSTING COMPANY
CYPRESS
McGEHEE
JANES-HARDEN
DOSSETT
CLEVELAND
COLLIER
L.B. STRANGE
CHILDRESS
JACKSON 260
HINDS CO.
TALLULAH
VICKSBURG
LONGVIEW
LE TOURNEAU
WINNSBORO
GARDNER
BURNSIDE AND McDONALD
CASTLE
FERRIDAY
NATCHEZ
JOSEPH H. SHARPE
ULMER
HODGE
DAVID G. JOYCE
NATCHITOCHES
HART
CENTER
DE SOTO PARISH
SHREVEPORT ARPK.
LUCIEN
KARNACK
ON REQUEST
RED 10
BLUE 13
GREEN 5
RED 37
ALTHEIMER
OMOSEN
FORT WORTH MEMPHIS
LITTLE ROCK 353
MEMPHIS 371
ARK. MISS
LA. MISS
ARK. LA.
MEMPHIS FORT WORTH
FORT WORTH NEW ORLEANS
MEMPHIS NEW ORLEANS
HOUSTON
NEW ORLEANS SAN ANTONIO
TEX. ARK.
TO REDWATER
TO HAWKINS
FORT WORTH 109
DIXIE 10
87
38
60
90
236
232
123
68
14
50
135
225
303
45
315
146
145
65
235
205
89
22
267
86
78
266
109
2000
3000
4000
55
197
339
325
25
10
17
21
287
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 8°E TO 6°E
STATUTE MILES
10
0
10
20
30
40
50
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
CA
94°14'
94°
93°30'
93°
92°30'
92°
91°30'
91°
90°30'
90°
34°10'
90°17'
33°
32°30'
32°
31°32'

BIRMINGHAM

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Augustine (Jackson,Miss)	11.5 NE;riv SE	335	40 S4	80 oct.
Autaugaville (Selma,Ala)	20.5 W	100	73	
* Batesville Int,29,NO-LS	3 W;hwy SE	205	25 L3	Poles N,lgtd. (Miss)
BIRMINGHAM Range (Ala)	224(BH)(116.1)	178°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
BIRMINGHAM Tower (Ala)	278 (126.18, 118.3)		AC(ILS-W)	(4); 122.5,126.18,118.3
(A) [Birmingham, Ala]	5.5 NE;RR S	643	57h L5 S3	73-100 oct.JP-1.Rdo rec rqrd.
Bonita (Meridian,Miss)	2.5 ENE;hwy N	329	20 S1	80, 91 oct.
(P) Carroll Cone(Tupelo,Miss)	3 W;hwy S	338	37 S1	80 oct.
Central Park (Birmingham, Ala)	5.2 SW;RR E	500	29 S6	80 oct. No sto.
Columbiana (Ala)	1.5 WNW	514	23	Lgt acft only.
(A) Columbus AAF(Miss)(A)	10 N;RR E	215	45h	TMP INACT.NO FACS.
CRAIG Army Range (Ala)	272 (DPP)	320°,2.5	BMRLZ	(3); 126.18
CRAIG Tower (Ala)	219 (126.18)		CA	(3); 126.18
(A) Craig (Selma,Ala) (A)	4.8 SSE	166	53h L5 S6	91, 100 oct.
Cullman (Ala)	5 SSE;RR E	740	15 S2	73 oct.
Dallas (Selma, Ala)	2.2 SW;riv SSE	161	20 S1	80 oct. Trees NE.
[Dannelly](Montgomery, Ala.)	7.5 SW;RR E	219	40h S1	80, 91 oct.
(P) Demopolis (Ala)	7.8 WSW	198	50h	River NW.
E. Jackson (Jackson,Miss)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N.
(A) Elmore (Montgomery,Ala)	10 N;hwy N	203	45	CLOSED (A)
Eupora (Miss)	1 NE;hwy S	325	15 S2	80 oct. Hill NW.
Eutaw (Ala)	2 SE; hwy N	160	23	P-line W.
Forest,46,FV-AG (Miss)	1 W;RR S	512	28 L3 S1	80 oct.
Foster (Tuscaloosa,Ala)	5.5 S	236	32 S4	Ltd 73 oct.Pwr line E
(A) Furniss (Selma,Ala)(A)	10 SSW			ABANDONED
* Gainesville Int, 55, FV-AG (Ala)	2 S;hwy W	174	31 L2	
Gragg,27,PS-TM (Clanton, Ala)	2.2 NE;crk S	571	29 L3 S2	80,91 oct.Hill E.
Greenville,24,NO-AG(Ala)	5.5 WNW	561	26 L2 S4	80 oct. Hwy S.
GREENWOOD Range (Miss)	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4); 116.1
[Greenwood Mun.](Miss)	2.3 SW;RR SE	129	40h L5 S2	80,91 oct.P-line E,SE.
(A) Greenwood AAF (Miss)(A)	5.8 ESE;hwy N	162	50h	CLOSED.
Grenada (Miss)	3 N;RR S	207	50h L5 S2	80,91 oct.Ctc lgts on req
HAWKINS Tower (Miss)	278 (126.18, 118.7)		C(ILS)	(4); 126.18,118.7,122.5
(A,N) [Hawkins](Jackson,Miss)	3 NW;RR SW	343	54h L6 S6	80,91,100 oct.Tank,stack
(A) Henderson (Selma,Ala)(A)	29 SW;riv W			ABANDONED E.
Houston (Miss)	1.5 SW;hwy SE	342	28	Trees W,SE,N;bldg SE.
JACKSON Range (Miss) (Hawkins)	260(JA)(116.1)	173°,2.4	SBRAZ-DTV	(3); 116.1, 122.1
(NG) [Key] (Meridian,Miss)	3.5 SW;RR E	297	50h L5 S4	80,91 oct;100 oct NG.Ctc lgts prior req.
Lauderdale Civil (Meridian, Miss.)	9 NNE;hwy E	310	32h	
→ Lee (Canton, Miss)	1.4 WNW;RR E	300	29	Tank E.
Louisville Air Svc.(Miss)	3.9 S;RR W	500	16 S1	80 oct. P-line S.
Masonic (Columbus,Miss)	3.9 ENE;hwy S	200	28 S2	80 oct.
MAXWELL Army Range (Ala)	362 (DXW)	86°,2.0	SBRAZ	(4)
MAXWELL Tower (Ala)	396 (126.18)+		CA ➧ :49,09	(4); 126.18
(A) Maxwell (Montgomery, Ala) (A)	3 WNW	167	70h L5 S6	73, 91, 100 oct. No sto. JP-1.
MERIDIAN Range (Miss)(Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Mollette (Selma,Ala)(A)	16.2 SSW			ABANDONED
North Jackson Arpk. (Jackson, Miss)	7.5 NE;hwy E	300	25 S4	80 oct. No sto.Trees S
→ O'Keefe (Newton,Miss)	1.5 ESE;RR N	363	23 S4	Trees NE,SE,NW. 80 oct.Soft when wet.
Oktibbeha (Starkv'l,Miss)	7.5 ENE;hwy E	326	30 S6	73 oct.
(P) Oxford (Miss)	8 S;riv N,W	400	30 S2	73 oct.
Philadelphia Arpk (Miss)	2 SE;hwy SW	500	24 S6	80 oct.P-line W.No sto.
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	(Miss)
Roberts (Birmingham,Ala)	3 W;RR N	610	39	
Selma-Selfield (Selma,Ala)	4 ENE;RR S	130	40h	
(A) Starkville (Miss) (A)	2 SW	325	50h	CLOSED
→ Stinson (Aberdeen,Miss)	3 NW;hwy NE	239	30 S1	80 oct.
TUSCALOOSA H Fac.(Ala)	206(TU)(116.1)		MHTV	(4); 116.1
Van de Graaff,59,FV-AG (Ala)	3 NW;RR N	172	52 L3 S6	80,91 oct.Pole,trees N
Walker Co. (Jasper,Ala)	2.5 NNE;RR W	527	31 S2	80 oct.
Winona (Miss)	1.3 SSE;RR W	370	29 S4	73,91 oct. Lgt acft only Rnwy data unver.
* Zeiglerville Int,19,NO-LS (Miss)	3 SW;riv N	248	26 L2	Twr SE.Trees E,S,SE.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIRMINGHAM				IM-	MM-	OM-
					MMH 356 ···· (0.72)	OMH 375 — ··· (5.4)
HAWKINS	109.9	333.8	108°	IM-	MM- .—.— (0.70)	OM- — — (4.43)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

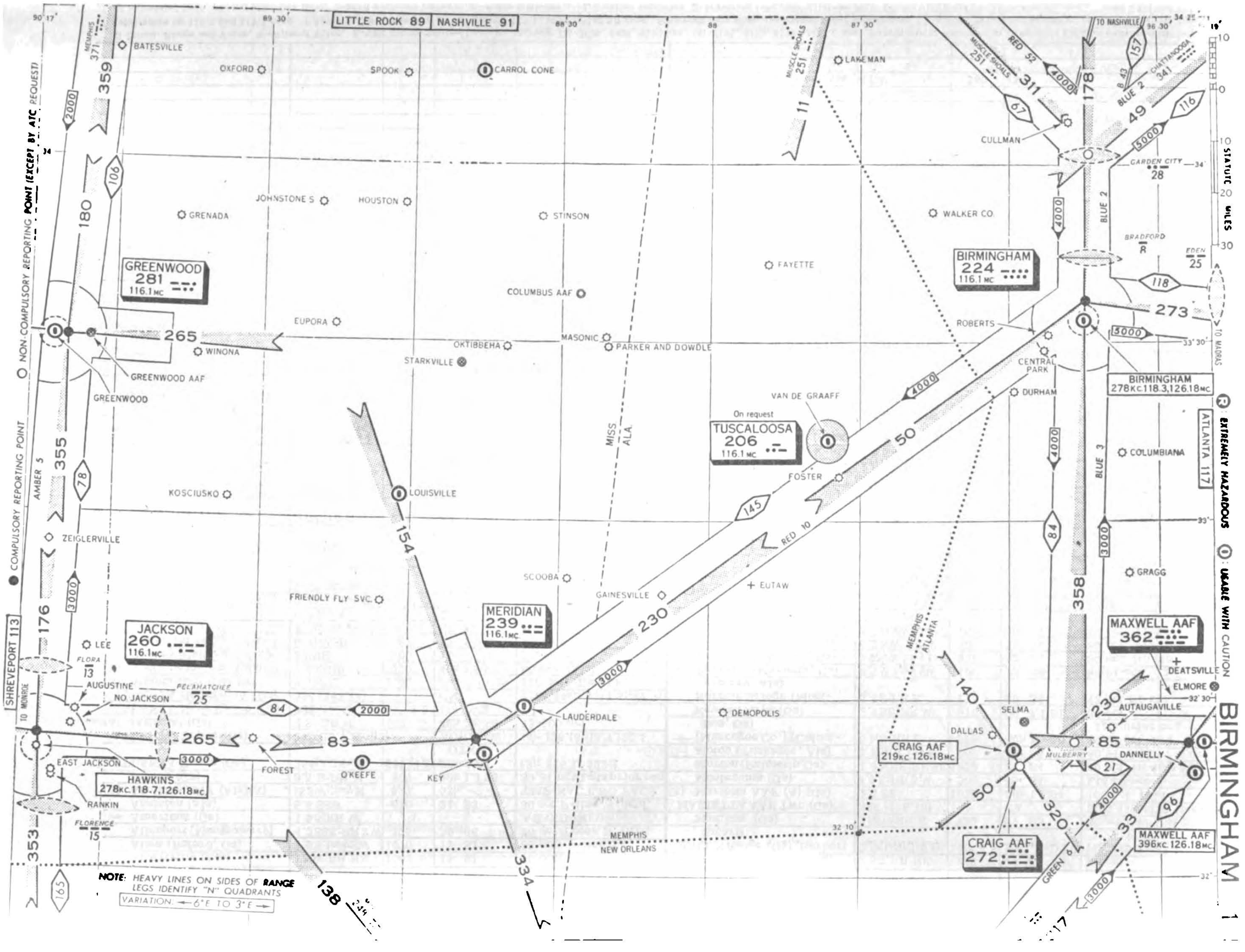
NEW FACILITIES

Friendly Flying Service (Philadelphia,Miss.)	0.7 SE	500	22 S4	80 oct.All appchs blocked.
→ Deatsville (Prattsville,Ala)	9.5 NNW;hwy W	524	40	Emerg only. S,SE blckd.
→ Durham (Bessemer,Ala)	2.5 SW,RR SE	500	23 L S6	80 oct.Rng lgts prior req.
→ West Point (Miss)	1 NE;RR W	250	19	Landing area rough.
→ Rankin (Jackson,Miss)	4 SSE;hwy W	250	30 S5	80 oct.
→ Presley's (Pickens,Miss)	1 NNE;RR E	230	23 S6	80 oct.Poles sur fld.
→ Arkansas City (Ark)	0.8 WSW	125	19 S1	80,91 oct.P-lines blk ends.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop **N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.**


LITTLE ROCK 89
NASHVILLE 91
BATESVILLE
OXFORD
SPOOK
CARROL CONE
LAKEMAN
CULLMAN
GARDEN CITY
GRENADA
JOHNSTONE S
HOUSTON
STINSON
WALKER CO.
BIRMINGHAM
224
116.1 MC
GREENWOOD
281
116.1 MC
FAYETTE
COLUMBUS AAF
EUPORA
WINONA
OKTIBBEHA
MASONIC
PARKER AND DOWDLE
STARKVILLE
ROBERTS
CENTRAL PARK
DURHAM
BIRMINGHAM
278 KC 118.3, 126.18 MC
GREENWOOD AAF
VAN DE GRAAFF
On request
TUSCALOOSA
206
116.1 MC
FOSTER
COLUMBIANA
ATLANTA 117
KOSCIUSKO
LOUISVILLE
ZEIGLERVILLE
SCOOBA
GAINESVILLE
EUTAW
GRAGG
FRIENDLY FLY SVC.
MERIDIAN
239
116.1 MC
JACKSON
260
116.1 MC
MAXWELL AAF
362
DEATSVILLE
ELMORE
LEE
FLORA
AUGUSTINE
PELAHATCHIE
NO. JACKSON
LAUDERDALE
DEMOPOLIS
SELMA
AUTAUGAVILLE
DALLAS
CRAIG AAF
219 KC 126.18 MC
MULBERRY
DANNELLY
EAST JACKSON
FOREST
O'KEEFE
KEY
HAWKINS
278 KC 118.7, 126.18 MC
RANKIN
FLORENCE
CRAIG AAF
272
MAXWELL AAF
396 KC 126.18 MC
MEMPHIS
NEW ORLEANS
SHREVEPORT 113
TO MONROE
COMPULSORY REPORTING POINT
AMBER 5
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 6°E TO 3°E
STATUTE MILES
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
TO NASHVILLE
TO MADRAS
CHATTANOOGA
MUSCLE SHOALS
RED 52
BLUE 2
BLUE 3
RED 10
MEMPHIS
ATLANTA
MISS.
ALA.
BIRMINGHAM

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albertville (Ala)	1 NW;RR NE	1063	15 S1	80 oct.
Allen (Buford, Ga)	1.5 S;hwy SW	1070	15 S1	80 oct. P-line SW.
Allenport (Montgomery)	4.3 SSE;RR 2 W	175	30 S6	80 oct. Trees N. (Ala)
➔ Americus (Ga)	1.5 S;RR W			ABANDONED
Anniston (Ala)	5.5 SSW	610	24 S3	80 oct. P-line W, lgtd.
(A) Anniston AAF (Ala)(A)	15 SW;hwy N	527	53h	TMP INACT. NO FACS.
Athens (Ga)	3.5 E;RR N	807	40h L3 S6	80,91 oct. Lgts prior req
ATLANTA Range (Ga)	266(AG)(vhf)	331°,1.9	SBRA Z-DTXV	(3); 116.1, 122.1
ATLANTA Tower (Ga)	278(118.7,126.18)		AC(ILS-W)	(4); 126.18,118.7,122.5
➔(A) [Atlanta] (Ga)	8 S; RR N	1005	48h L6 S6	73-100 oct.
ATLANTA Navy Range (Ga)	323 (NCQ)	86°,3.2	MRLWZ	
ATLANTA NAS Tower (Ga)	356 (142.74)		CN	3105,4495,3117.5;142.74
(N) Atlanta NAS (Ga) (N)	8.5 NNE	1002	39h (L6) S6	100 oct. Hwy SE.
(P) Auburn-Opelika (Auburn)	2.8 E;RR N	770	40h L5 S6	80 oct. (Ala)
Bentley (Calhoun Falls,S.C.)	3 ENE	500	16	RR NNW.
* Butler Int,14,TJ-AG (Ga)	0.5 NW;RR S	667	32 L3	Poles S.
Cedartown (Ga)	1,2W;hwy SE	800	30 S4	80 oct. SE blkd.
Centre (Ala)	0.6 NNW	720	22 S4	80 oct. SSE appch blckd.
City-Co. (Carrollton,Ga)	3.3 NE;hwy E	1200	12 S1	Ltd 73 oct.
Clevenger's Arpk. (Marietta, Ga)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No sto.
Cobb (Marietta, Ga)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct. No sto. Trees
(A) Cochran (Macon,Ga)(A)	10 S;RR E	354	50h	TMP INACT. NO FACS. NW.
Cochran 50,MM-AG (Ga)	5 NE;rd N	324	30 L2 S6	80 oct. Poles NW,NE,S, SE. (Ga)
Columbus (Ga)	1.5 SSE;riv SW	215	45 S4	80 oct.
(P) Cordele (Ga)	1.6 NNE;RR W	305	52h L3 S1	80 oct.
Crawford W. Long (Jefferson, Ga)	2.5 S;RR E	950	27 L1 S1	80 oct. P-line SE.
(N,P) Dublin (Ga)	4.5 WNW;hwy S	303	50h S1	73 oct. NATS (Hospital)
Elberton (Ga)	2 SE;hwy W,N	800	19 S1	80 oct. Obst sur fld.
Felton (Cartersville,Ga)	2.5 N	790	23	Hills S,W,N;wires E,W
Flying "S" Ranch (Villa Rica, Ga)	1.7 NE	1040	17 S4	80 oct. No sto. Rocks NE Data unver.
Gadsden (Ala)	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Gainesville (Ga)	1.5 S;RR E,NW	1277	40h (L5) S6	80,91 oct. Lgts on req.
Griffin (Ga)	1.5 S;hwy E	936	30 L3 S6	80 oct. Twr E.
➔GUNTER Tower (Ala)	201(126.18)		CA	(3) (Oper. on a variable schedule)
(A) Gunter (Montgomery,Ala)	5 NE	225	35h	(A)
[Herbert Smart] (Macon,Ga)	4 ESE;hwy W	463	47h L5 S6	80, 91 oct.
Hurtsboro (Ala)	2.5 SE;RR SW	349	23 S1	78 oct.
Jackson Int,57,MM-AG(Ga)	4.6 SW;rd S	716	30 L3	Barn E;bldg W.
➔JONESBORO K Fac. (Ga)				DECOMMISSIONED.
Kings (Milledgeville, Ga)	See Milledgeville under "New Facilities" - name changed.			
(P) La Grange (Ga)	3 SW;RR ESE	700	50h L2	
Lakewood (Atlanta,Ga)	4 S;lake SE	1026	16 S4	80 oct.
LAWSON Army Range (Ga)	379 (DVL)	21°,3.3	BMRLZ	(3)
LAWSON Tower (Ga)	278 (126.18)+		CA	(3); 126.18
(A) Lawson (Columbus,Ga)(A)	9.5 S;riv W	232	59h L5 S6	91,100 oct. No sto.
➔ McRae,47,MM-AG (Ga)	2 SE;RR NE	247	26 L3 S6	80 oct.
MACON Range (Ga) (Herbert Smart)	209(UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1,122.1
Madison (Ga)	2 SSW;RR E	720	27 S2	80 oct. Pwr line SSE.
MARIETTA AAF Twr (Ga)	396 (126.18)		CA	3105,4495;126.18(8-20)
(A) Marietta AAF (A) (Ga)	2.5 SE	1030	60h L5 S4	100 oct. JP-1
Montezuma (Ga)	1.5 E;RR S,W	300	35 S1	Ltd 80 oct.
Morton (Palmetto,Ga)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line SE
Moton (Tuskegee, Ala)	3 N;RR,riv E	269	40 S6	80,91 oct. Twr S end.
➔ [Muscogee Co.] (Columbus, Ga)	6 NE;RR E	386	40h L5 S6	80,91 oct. Fld lgts prior req
Newnan Arpk (Ga)	3.7 SE;RR W	970	20 L1 S1	80 oct.
Norman Bridge (Montgomery, Ala)	5.8 S;RR E	172	20 S4	73 oct. No sto.
➔ Parkaire (Marietta, Ga)	7.7 E;hwy SW	1100	22 S6	80,91 oct.
Polo Arfld (Athens, Ga)	2 WSW;hwy N	720	12 S4	80 oct. No sto.
Red Dog (Cochran, Ga)	6.2 NW;RR W	300	22 S4	80 oct. Trees N,E
Reginald Grant Memorial (Thomaston, Ga)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S. Trees
Ries (Macon, Ga)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg NE
ROBINS Tower (Ga)	284 (126.18)+		CA	(3); 126.18
(A) Robins (Warner-Robins)	1.5 NE Wellst'n	295	70h L5 S6	62,73,100 oct. JP-1 (A)
Roosevelt (Warm Spgs,Ga)	3.5 N;hwy W	870	22 S2	80 oct. Trees SE,SW,NW
Rockmart (Ga)	2 ENE;RR W	800	20 S1	80 oct. P-line W.
Rome (Ga)	3 NW;RR S	669	25 S6	80 oct. No sto.
(N) Russell (Rome, Ga)	7 N;hwy N	644	45h L5 S6	80,91 oct. Lgts prior req.
* Siloam Int, 7B, AG-CS (Ga)	1.3 S;rd W	654	39 L3	82' mast SE Data unver corner N/S strip.
➔ Souther (Americus,Ga)	4 NE;RR W	470	66 S6	80 oct.
Talladega (Ala)	2.6 NE;RR SE	590	20	P-line E, hill W.
* Tallapoosa Int,73,FV-AG	5.5 SSE	1210	21 L3	Trees SE;house NW.(Ga)
Thomas C. Russell (Alexander City, Ala)	1.5 SW;hwy E	711	31 S5	80 oct.
(A) Troy (Ala) (A)	4.8 NNW;rd E	393	50h	CLOSED.
(A) Tuskegee AAF (Ala)(A)	7.3 NW;RR S	253	50h	CLOSED.
➔ Tuskegee Institute #1 (Ala)	4 SSE;hwy W			ABANDONED.
(A) Vidalia-Lyons (Vidalia,Ga)	3.2 SE;hwy N	274	50h	TMP INACT. NO FACS.
Wages (Lawrenceville,Ga)	1.8 N;hwy E	1075	12 S2	80 oct. E blckd. (A)
Washington (Ga)	1.4 NW;RR SE	600	22 S1	80 oct.
Weedon (Eufaula,Ala)	4.3 NNE;hwy E	275	28 S2	80 oct.
* Winder Int,4,AG-LG (Ga)	1.5 NE;bet rds	950	30 L3	Trees, bldg N.
Woodbury (Ga)	1.5 E	770	16 S1	Fuel, Data unver.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

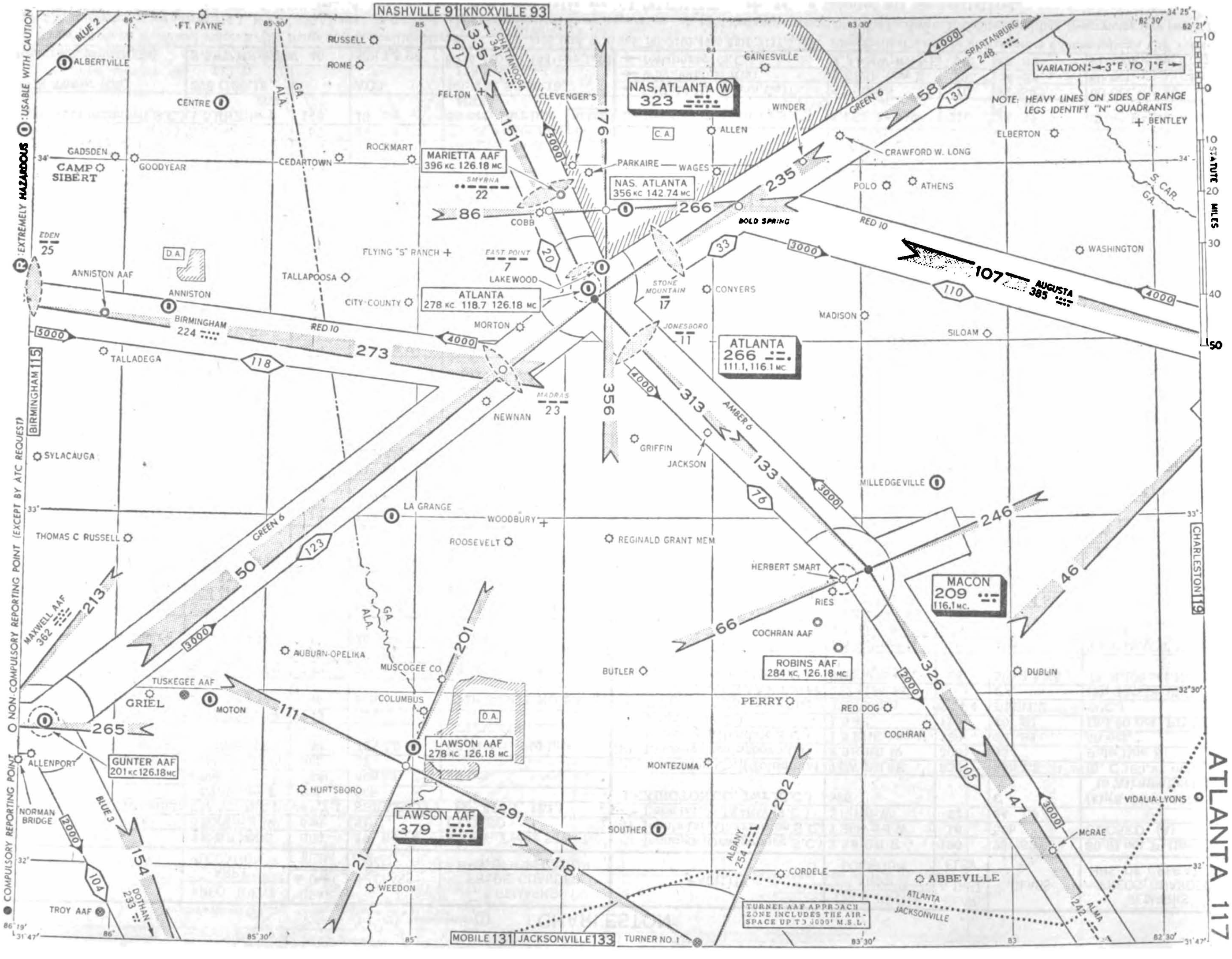
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
ATLANTA	109.9 -.--	333.8	329°	IM-	MM- .- -.(0,70) OM- - -(4,40)
					MMH-201 .-.. OMH-219 ....

NEW FACILITIES

Milledgeville ,(Ga.)	1.5 NW;RR W	360	23 S4	80 oct. No sto.
➔Abbeville (Ga)	0.8 S;hwy E	260	16	P-line W
➔Griel Aux (Tallassee,Ala)	4 S;riv NE	200	35	P-line W. Trees NE
➔Perry (Ga)	1.5 NNW;hwy W	340	11 S2	80 oct. Lgt actt only.
Peterson (Vidalia,Ga)	5 SSW;RR E	300	19	PRIVATE
➔Thompson (Swainsboro,Ga)	1 W;hwy E	300	32	
➔Washington Co. (Sandersville,Ga)	1 E;RR W	460	26 S1	80 oct.
➔Zellner's (Forsyth,Ga)	1.5 NNW;hwy W	705	18 S1	80 oct.
➔Camp Sibert (Gadsden,Ala.)	4 SW	560	48h	

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. A.A.C.S.: Scheduled broadcast on 4765 kcs (first figure is scheduled time, second alternate time) h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII) ➔ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop.

N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


NASHVILLE 91 KNOXVILLE 93
ATLANTA 117
O: USABLE WITH CAUTION
H: EXTREMELY HAZARDOUS
O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
● COMPULSORY REPORTING POINT
VARIATION: 3°E TO 1°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
STATUTE MILES
NAS, ATLANTA (W) 323
MARIETTA AAF 396 KC 126.18 MC
NAS. ATLANTA 356 KC 142.74 MC
ATLANTA 278 KC 118.7 126.18 MC
ATLANTA 266 111.1, 116.1 MC
LAWSON AAF 278 KC 126.18 MC
LAWSON AAF 379
GUNTER AAF 201 KC 126.18 MC
ROBINS AAF 284 KC 126.18 MC
MACON 209 116.1 MC
BIRMINGHAM 224
AUGUSTA 385
MAXWELL AAF 362
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 3000' M.S.L.
MOBILE 131 JACKSONVILLE 133 TURNER NO. 1 CHARLESTON 119
FT. PAYNE
ALBERTVILLE
CENTRE
GADSDEN
CAMP SIBERT
GOODYEAR
RUSSELL
ROME
CEDARTOWN
ROCKMART
FELTON
CHATTANOOGA
CLEVENGER'S
GAINESVILLE
WINDER
ALLEN
PARKAIRE
WAGES
SMYRNA
COBB
EDEN
ANNISTON AAF
ANNISTON
FLYING "S" RANCH
EAST POINT
LAKEWOOD
TALLAPOOSA
CITY-COUNTY
MORTON
STONE MOUNTAIN
CONYERS
JONESBORO
MADISON
SILOAM
WASHINGTON
ELBERTON
CRAWFORD W. LONG
BENTLEY
POLO
ATHENS
BOLD SPRING
S. CAR.
GA.
TALLADEGA
SYLACAUGA
NEWNAN
MADRAS
GRIFFIN
JACKSON
MILLEDGEVILLE
LA GRANGE
WOODBURY
ROOSEVELT
REGINALD GRANT MEM
THOMAS C. RUSSELL
HERBERT SMART
RIES
COCHRAN AAF
AUBURN-OPELIKA
MUSCOGEE CO.
BUTLER
DUBLIN
TUSKEGEE AAF
GRIEL
MOTON
COLUMBUS
PERRY
RED DOG
COCHRAN
ALLENPORT
NORMAN BRIDGE
HURTSBORO
MONTEZUMA
SOUTHER
WEEDON
TROY AAF
DOTHAN
CORDELE
ABBEVILLE
ATLANTA JACKSONVILLE
ALBANY
VIDALIA-LYONS
McRAE
ALMA
RED 10
GREEN 6
AMBER 6
BLUE 2
BLUE 3
GA.
ALA.

CHARLESTON

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
Aiken (old) (S.C.)	2 E;RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken AAF (S.C.) (A)	6 NNE;RR SW	530	51h	CLOSED
AUGUSTA Range (Ga) (Daniel)	385 (VD) (116.1)	46°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Barnwell (S.C.)	1 WNW;hwy E	235	50h	
(P) Beaufort (S.C.)	4 NW	38	60h S4	80 oct.
Birdsville (Millen, Ga)	9.4 WNW;riv S	200	22	
(P) [Bluethenthal] (Wilmington, N.C.)	2.4 NNE;RR W	30	70h L5 S4	80,91 oct. Fld lgts prior req.
Bush (Augusta, Ga)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville, Ga) (A)	3 NE;hwy SW	46	50h	TMP INACT. NO FACS.
Carlisle (Bamberg, S.C.)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Beach (N.C.)	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
Carolina Skyways (Charleston, S.C.)	6 SSW;riv W	10	26 S4	80 oct.
CHARLESTON Range (S.C.)	329 (CS) (116.1)	110°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower (S.C.)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18, 118.3, 122.5
(A,N) [Charleston Mun.] (S.C.) →	9.8 NW;RR NE	45	70h L6 S4	100 oct. Use rnwys only. NATS (Hospital)
(N) Charleston (S.C.) (N)	4 N;riv E	13	17h	INACTIVE.
(NG) Chatham AAF (Savannah, Ga) (NG)	7.5 NW;RR E	50	70h L5	100 oct, 1-ech ltd 2-ech maint NG.
Clark (Charleston, S.C.)	4 S;riv SW	6	21 S1	80 oct. Trees sur fld.
COLUMBIA Range (S.C.) (Lexington Co).	227 (CI) (116.1)	268°,7.3	SBRAZ-DTV	(4); 116.1, 122.1
(NG) Congaree (Columbia, S.C.)	15.5 ESE;RR S	237	45h	NAVY INACTIVE.
(A) Coronaco AAF (Greenwood, S.C.) (A)	3.8 N;RR E	629	50h	
DANIEL Tower (Ga)	278 (126.18, 118.9)		C	(4); 126.18, 122.5, 118.9
[Daniel] (Augusta, Ga)	2.5 W;RR S	420	42h L5 S4	80,91 oct. Use rnwys only
Donald (St. Matthews, S.C.)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct. Trees SE.
Duke (Chadbourn, S.C.)	1 N;RR SW	96	20 S4	80 oct.
* Elloree Int, 25, AG-CS (S.C.)	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill (S.C.)	2.5 SSW;RR E	135	25	
FLORENCE Range (S.C.)	320 (FL) (116.1)	292°,1.7	SBMRLZ-DTV	(4); 116.1, 122.1
Florence (S.C.)	3.5 E;RR SW	146	60h L5 S1	80, 91 oct.
Georgetown (S.C.)	1 NW;riv E	12	29 S6	80, 91 oct.
(P) Georgetown Co. (S.C.)	4 S;bay E	37	50h	
Glenville (Ga)	2 SW;hwys N,E	175	32 S1	80 oct.
Greenwood (S.C.)	2.6 W;RR E	650	24 S6	73 oct.
Hartsville (S.C.)	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg,	5 S;RR E	195	47 S6	80,91 oct. Tank N
Hinesville (Ga) S.C.)	3 S;hwy W	55	24 S4	73 oct. No sto. Rdo re-
Huggins (Timmonsv'l, S.C.)	1.5 ENE;hwy NW	149	18 S4	80 oct. Pwr line pairs NNW
HUNTER Tower (Ga)	278 (126.18, 118.7)		AC	(4); 122.5, 126.18, 118.7
→ [Hunter] (Savannah, Ga)	3.5 SW;RRyd NW	40	50h L5 S6	80,91,100 oct. 144' twr, lgtd
Jennings (Orangeburg, S.C.)	2.3 S;RR E	190	25 S2	80,91 oct. P-line ENE
(A) John's Isl. (Charleston, S.C.)	7 SSW;rd W	16	50h	CLOSED. (A)
* Lane Int, 24, JX-RW (S.C.)	3 S;RR W	72	34 L3	
LEXINGTON CO. Twr. (S.C.)	396		C	(4); (8-24) (See Notice to Airmen Section)
(P) [Lexington Co.] (Columbia)	7 SW;RR SE	233	56h L5 S1	(S. C.) 80,91 oct.
(P) Lindsey (Swainsboro, Ga)	2.3 S;RR W	300	30	Pole line E.
Manning (Allendale, S.C.)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning (S.C.)	1.5 SE	125	20 S1	Ltd 80 oct. RR NNE
MYRTLE BEACH Army Rng	379 (DMB)	69°,4.4	BMRLZ	(S.C.)
MYRTLE BEACH AAF Tower	272 (126.18)		CA	(3); 126.18 (S.C.)
(A) Myrtle Beach AAF (S.C.) (A)	3 WSW;hwy SE	24	50h L5 S6	73,91,100 oct. No sto.
(A) North (S.C.) (A)	1.5 SE;hwy N	320	50h	TMP INACT. NO FACS
North Augusta (S.C.)	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee, S.C.)	3.5 SE;hwy SE	33	60h	
→ Owens (Columbia, S.C.)	2.5 SE;RR SW	192	36h L4 S6	80,91 oct. Tank WSW;
(N) Parris Isl. MCAS (S.C.) (N)	1.5 S	11	60h	INACTIVE. twr SSE
Peiffer (Wilmington, N.C.)	6 ESE;ocean E	10	18 S1	80 oct. P-line NNE; trees N,S,SW.
Ridgeland (S.C.)	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SAVANNAH Rng (Ga) (Hunter)	263 (SH) (116.1)	51°,2.2	SBMRLZ-DTV	(3); 116.1, 122.1
→ Savannah-Wilmington (Savannah, Ga)	8 ESE;hwy N	10	28 S6	80 oct. Trees NE,SW
SHAW Tower (S.C.)	272 (126.18)		CA	(3); 126.18 (7-24)
(A) Shaw (Sumter, S.C.) (A)	7 WNW;RR W	236	45h L5 S6	73,91,100 oct. JP-1.
(A) Statesboro AAF (Ga) (A)	3.8 NE;hwy W	180	54h	CLOSED.
(P) Sumter (S.C.)	1.5 NW;RR S	169	30 S6	80,91 oct. Data unver.
(A) Sylvania AAF (Ga) (A)	7.5 SSE;hwy E	175	50h	CLOSED.
Trenton (S.C.)	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston, S.C.)	5.5 W;RRs N	12	29 S6	80 oct. Poles sur fld.
(P) Walterboro (S.C.)	1.3 NE;hwy SE	93	58h S2	80 oct.
W. Savannah (Savannah, Ga)	3 W;RR W,N	42	23 S6	80 oct. P-line NW.
Whiteville (N.C.)	3.7 S;RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpk. (N.C.)	3 SE;hwy N	20	27 S4	80 oct. N & E blocked.
(P) Woodward (Camden, S.C.)	2.9 NE;hwy E	300	30h S4	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON	110.3	335	147°	IM-	MM- •-•-(0.64)	OM- – –(4.18)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

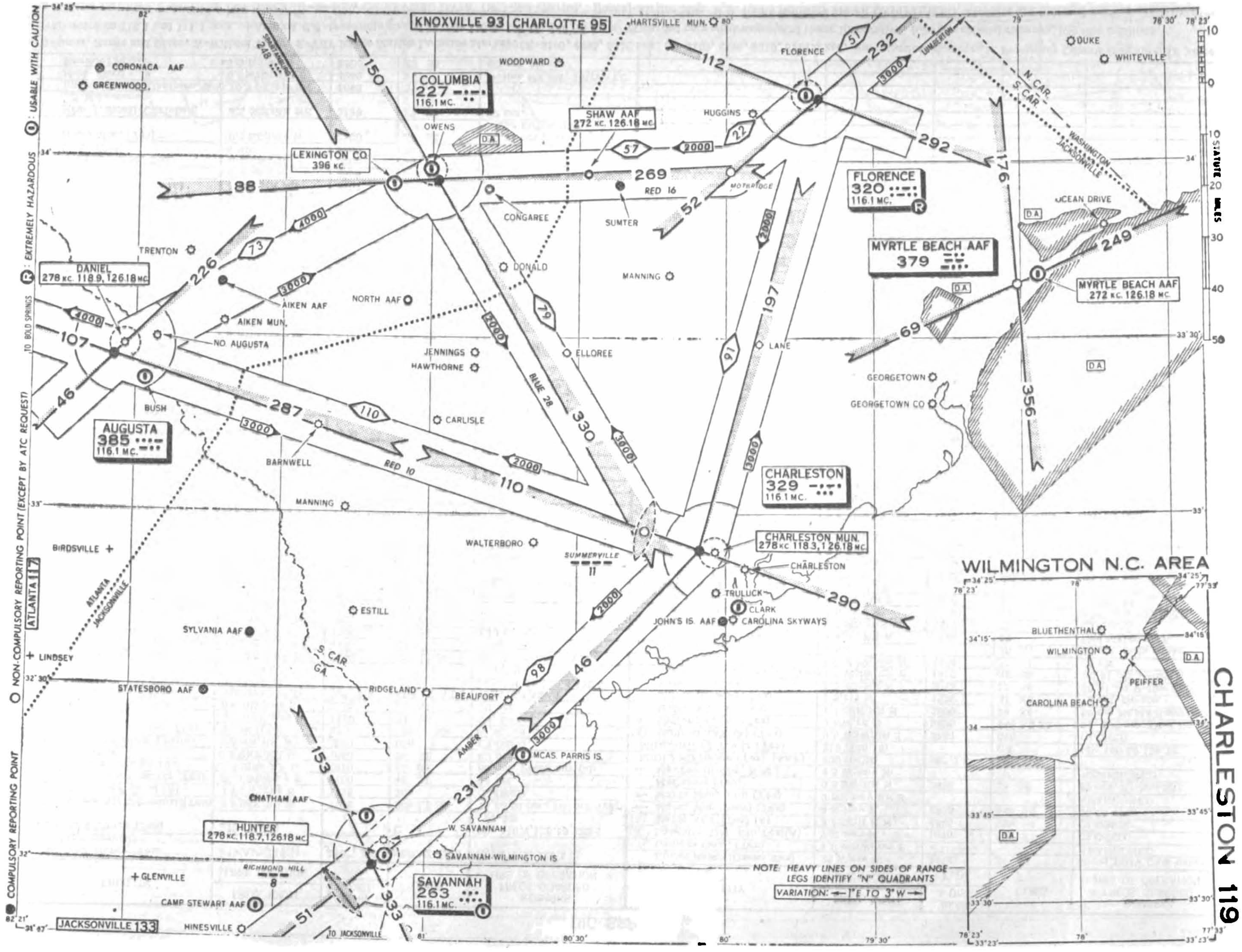
NEW FACILITIES

→ Actons (Millen, Ga)	10 NW	200	46	PRIVATE. Hazardous emerg only
→ Bradley (Batesburg, S.C.)	3.2 SE;hwy W	210	22 S2	80 oct. P-line W, trees S,SE.
→ Saffold (Savannah, Ga)	4 E;hwy S	10	32 S4	80 oct.
→ Waynesboro (Ga)	3.5 SSE;hwy E	295	36 S4	80 oct. W,NE.
→ Newberry (S.C.)	2.3 NNW;RR NE	565	22 S2	80 oct. P-line E; trees

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.

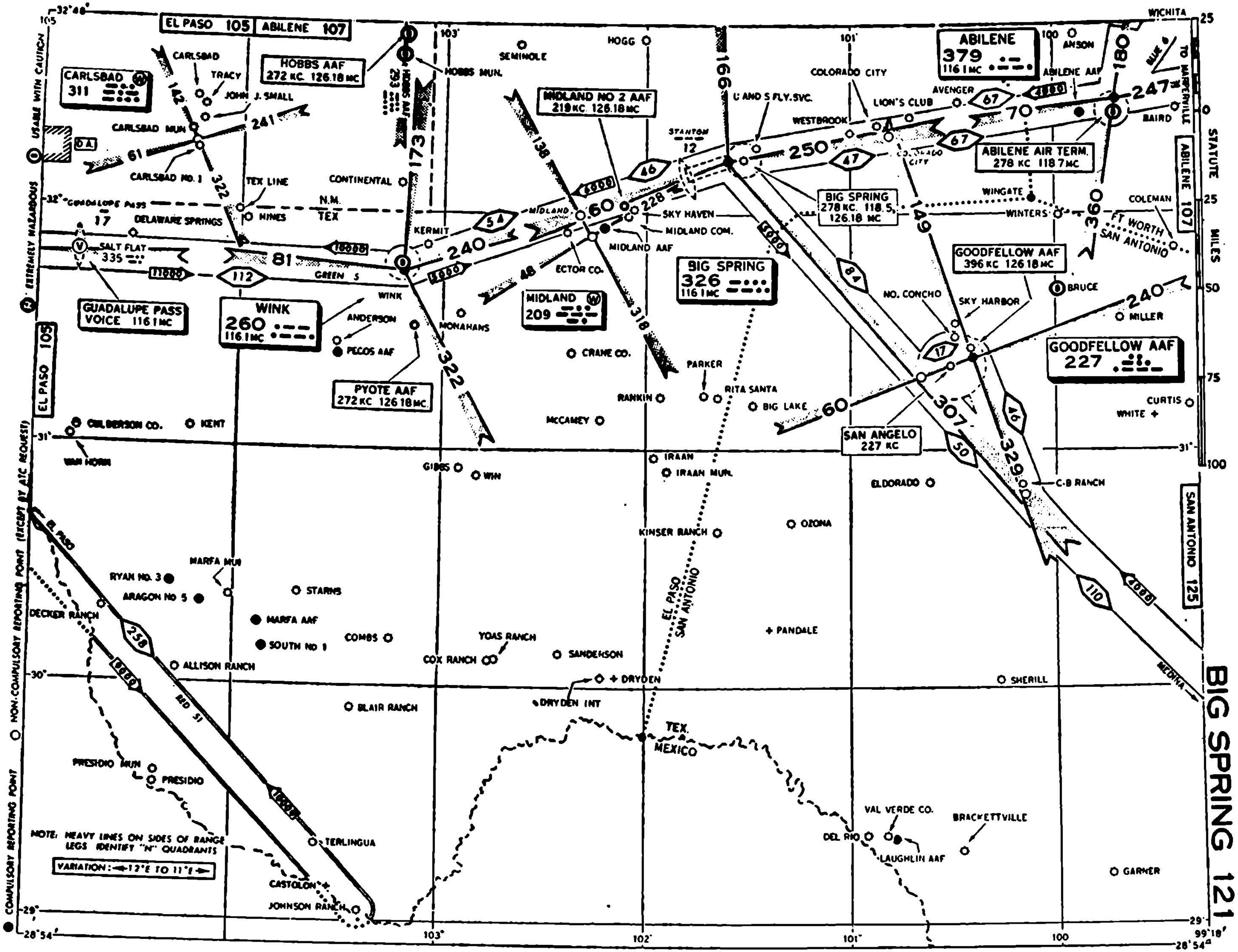

KNOXVILLE 93 | CHARLOTTE 95
COLUMBIA 227 116.1 MC.
SHAW AAF 272 KC. 126.18 MC.
LEXINGTON CO. 396 KC.
FLORENCE 320 116.1 MC.
MYRTLE BEACH AAF 379
MYRTLE BEACH AAF 272 KC. 126.18 MC.
DANIEL 278 KC. 118.9, 126.18 MC.
AUGUSTA 385 116.1 MC.
CHARLESTON 329 116.1 MC.
CHARLESTON MUN. 278 KC 118.3, 126.18 MC.
SAVANNAH 263 116.1 MC.
HUNTER 278 KC. 118.7, 126.18 MC.
JACKSONVILLE 133
CORONACA AAF
GREENWOOD
WOODWARD
HARTSVILLE MUN.
FLORENCE
DUKE
WHITEVILLE
HUGGINS
OWENS
CONGAREE
SUMTER
MOTEPADGE
TRENTON
DONALD
MANNING
OCEAN DRIVE
AIKEN AAF
AIKEN MUN.
NORTH AAF
NO AUGUSTA
JENNINGS
HAWTHORNE
ELLOREE
LANE
GEORGETOWN
GEORGETOWN CO
BUSH
CARLISLE
BARNWELL
BLUE 28
RED 16
RED 10
AMBER 7
BIRDSVILLE
ATLANTA
JACKSONVILLE
SYLVANIA AAF
LINDSEY
ESTILL
S CAR
GA.
STATESBORO AAF
RIDGELAND
BEAUFORT
WALTERBORO
SUMMERVILLE
TRULUCK
CLARK
JOHN'S IS. AAF
CAROLINA SKYWAYS
MCAS. PARRIS IS.
CHATHAM AAF
W. SAVANNAH
SAVANNAH-WILMINGTON IS
GLENVILLE
CAMP STEWART AAF
HINESVILLE
TO JACKSONVILLE
RICHMOND HILL
N CAR
S CAR
WASHINGTON
JACKSONVILLE
LIMA-MEMPHIS
SPARTANBURG
248
WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
PEIFFER
CAROLINA BEACH
D A
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 1°E TO 3°W
: USABLE WITH CAUTION
: EXTREMELY HAZARDOUS
TO BOLD SPRINGS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
CHARLESTON 119

BIG SPRING

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ABILENE Range (Tex) (Air Terminal)	379(AP)(116.1)	180°, 2.2	SBRAZ-DTV	(3); 116.1, 122.1
ABILENE Tower (Tex)	278 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
(P) [Abilene Air Terminal](Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.; 100 oct.Army
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1793	50h	CLOSED.
Allison Ranch (Marfa, Tex)	23.4 SW;hwy E	5100	49 S1	73 oct.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct. Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED.
(P) Avenger (Sweetwater,Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;hwy S	2950	37 S1	80 oct.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-VDT	(3);116.1,122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18,122.5,118.5 (7-23)
(N)(P) [Big Spring] (Tex)	3.3 WSW;RR N	2595	62h L5 S6	80,91,100 oct. NATS.
Blair Ranch (Marathon, Tex)	23.5 SSW;hwy E	4180	24	PRIVATE.
Brackettville (Tex)	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Bruce (Ballinger, Tex)	4.5 SSW;hwy NW	1731	23h S6	80 oct.Usable strip 7460'.
CARLSBAD Range (Mun)(N.M.)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad Mun] (N.M.)	6.1 SSW	3276	65h L5	Hwy E. Rnwy lgts on req.
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Castolon (Tex)	0.8 NNW;riv SW	2300	16	High butte 0.5 mi E.
C-B Ranch (Fort McKavett, Tex)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld.
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80, 91 oct. Use rnwys only.
Combs (Marathon, Tex)	0.8 SE;RR N	4100	36 S2	80 oct.
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Cox Ranch (Longfellow,Tex)	8.2 SW;RR S	3700	48	PRIVATE.
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
(P) Culberson Co.(Van Horn,Tex)	3.5 ENE;RR S	3955	60h	
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Decker Ranch (Candelaria, Tex)	11.5 N	3650	29	PRIVATE.
++ Delaware Springs Int, 11, EO-FV (Tex)	16.8 E Pine Springs	3955	40 L3 S1	91 oct. P-line SSE.
Del Rio (Tex)	1.5 WSW;hwy E	1025	30 S4	80 oct. No sto.Poles N.
Dryden Airdrome (Tex)	1 W	2159	18	
++ Dryden Int,29,EO-JI (Tex)	5.7 W;hwy N	2300	45h L3	
Dyche (Ft. Stockton,Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S2	80 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct. Poles E.Cattle on
(A) Fort Clark (Brackettville)(A)	1.5 SW;rd E			ABANDONED fld.
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'
GOODFELLOW Army Range	227 (DIP)	329°,2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo,Tex)	3 SE;rds N,W	1877	55h L5 S6	73,91,100 oct. JP-1. (A)
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
Hobbs Mun. (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE. Use strips only.
John J. Small (Carlsbad, N.M.)	3.5 SSE;RR NE	3150	27 S1	73 oct.
Johnson Ranch (Castolon,Tex)	10.7 SE;riv SW	2092	37	
Kent (Tex)	0.6 WNW;RR S	4260	21	P-line NE,SW. PRIVATE.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona,Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
(A) Laughlin (Del Rio,Tex)(A)	7 E;hwy N	1070	67h	CLOSED.
(A) Marfa AAF (Tex) (A)	9 ESE;R R N	4885	75h	CLOSED.
Marfa Mun. (new) (Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED
MIDLAND Range (Tex) (AAF)	209 (DON)	48°,3.8	MRLWZ	
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18
(A) Midland AAF (A) (Tex)	9.5 WSW;RR S	2867	65h	CLOSED.
(A) Midland #2 (A) (Tex)	3 NW;rd E	2805	64h L5 S4	91, 100 oct. JP-1.No sto.
Midland Com. (Tex)	1.1 SSE;RR N	2800	28 S4	80 oct.No sto.Rnwy data unver.
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW.
North Concho(San Angelo,Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Pandale (Tex)	8 NE		20 S2	80 oct. Data unver
Parker, (Texon,Tex)	2.3 W; RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Presidio (Tex)	4 N;hwy W	2850	48	NOT MAINTAINED.
Presidio Air Strip (Tex)	0.8 NE;RR S	2580	21	PRIVATE.
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91,100 oct. No sto.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S.Use strips only.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Obsts sur fld.
(A) Ryan #3 (Marfa,Tex) (A)	19 WNW;RR NE	4750	60h	CLOSED.
SAN ANGELO Tower (Tex)	272		CI	(4); (12 noon-1 hr after sun-set).
(P) [San Angelo] (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Sanderson (Tex.)	2 W;hwy N	2900	24 S2	80 oct,400' hills W,E.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Sherrill(Rock Springs, Tex)	4 W;hwy S	2400	21	Cattle on fld.
Sky Harbor (Anahuac, Tex)	0.3 S;hwy N	24	22 S1	80 oct.
Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
(A) South #1 (Marfa, Tex) (A)	15 SE	4825	60h	CLOSED.
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct.Rnwy lgts prior req
Terlingua (Tex)	2 E;hwy SW	2700	36	
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Tracy (Carlsbad, N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
U & S Fly.Svc.(Big Springs)	1.5 N;hwy S	2517	30 S6	80 oct. (Tex)
Val Verde Co.(Del Rio, Tex)	4.5 ENE;RR S	1094	49h	
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct. Poles NW.
* Westbrook Int,32,EO-FV	1.3 S;RR N	2188	34 L3	P-line N,S. (Tex)
White (Brady, Tex)	10 W;RR N	1550	73	
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260 (WP)(116.1)	353°,1.2	SBRAZ-DTV	(4); 116.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80,91 oct.
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
Yoas Ranch (Longfellow,Tex)	6.5 WSW;RR N	3675	36	PRIVATE.P-line NW.
NEW FACILITIES				
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook,Tex	14.8 S;ranch 4 E	2127	26	
Longfellow (Tex.)	1.2 WNW;RR S	3700	15	P-line S.Emerg use only.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page X111) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


EL PASO 105 ABILENE 107
CARLSBAD 311
CARLSBAD
TRACY
JOHN J. SMALL
CARLSBAD MUN
HOBBS AAF 272 KC 126.18 MC
HOBBS MUN.
SEMINOLE
HOGG
MIDLAND NO 2 AAF 219 KC 126.18 MC
ABILENE 379 116.1 MC
ANSON
ABILENE AAF
COLORADO CITY
AVENGER
LION'S CLUB
WESTBROOK
U AND S FLY. SVC.
ABILENE AIR TERM. 278 KC 118.7 MC
BAIRD
WICHITA
TO MARCENTILLE
ABILENE 107
STATUTE MILES
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
CARLSBAD MUN
CARLSBAD NO. 1
TEX LINE
CONTINENTAL
N.M.
TEX
GUADALUPE PASS
DELAWARE SPRINGS
NINES
KERMIT
MIDLAND
SKY HAVEN
MIDLAND COM.
MIDLAND AAF
SALT FLAT 335
GUADALUPE PASS VOICE 116.1 MC
WINK 260 116.1 MC
WINK
ANDERSON
PECOS AAF
PYOTE AAF 272 KC 126.18 MC
MONAHANS
ECTOR CO.
MIDLAND 209
BIG SPRING 326 116.1 MC
BIG SPRING 278 KC. 118.5, 126.18 MC
WINGATE
WINTERS
COLEMAN
FT WORTH
SAN ANTONIO
GOODFELLOW AAF 396 KC 126.18 MC
BRUCE
NO. CONCHO
SKY HARBOR
MILLER
GOODFELLOW AAF 227
CURTIS
WHITE
CRANE CO.
PARKER
RANKIN
RITA SANTA
BIG LAKE
McCAMEY
SAN ANGELO 227 KC
ELDORADO
C-B RANCH
GILBERSON CO.
KENT
VAN HORN
GIBBS
WIN
IRAAN
IRAAN MUN.
KINSER RANCH
OZONA
PANDALE
MARFA MUN
RYAN NO. 3
ARAGON NO 5
STARNS
MARFA AAF
SOUTH NO 1
COMBS
YOAS RANCH
COX RANCH
SANDERSON
DECKER RANCH
ALLISON RANCH
DRYDEN
DRYDEN INT
SHERILL
MEDINA
SAN ANTONIO 125
EL PASO
SAN ANTONIO
TEX.
MEXICO
BLAIR RANCH
PRESIDIO MUN
PRESIDIO
TERLINGUA
CASTOLON
JOHNSON RANCH
VAL VERDE CO.
DEL RIO
LAUGHLIN AAF
BRACKETTVILLE
GARNER
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 11°E
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
105
103°
102°
101°
100
99°18'
32°48'
32°
31°
30°
29°
28°54'
BIG SPRING 121

CORPUS CHRISTI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALICE Range (Tex)	224 (EZ)	72°,3.6	SRAWZ	
(P) Alice (Tex)	3.3 ESE;RR N	177	48h L5 S6	80, 91 oct.
(A) Aloe AAF (Victoria,Tex)	6 WSW;RR SE	107	57h	CLOSED. (A)
(A) Aloe #10 (Victoria,Tex)(A)	19.8 WSW	150	40h	CLOSED.
Asherton (Tex)	1 S;RR NE	552	22 S1	80 oct. Poles N;trees sur
★ Austwell Int,5A,CR-HU	2.1 SSW;bay NE	23	32 L2	Fence sur fld.(Tex) fld.
BROWNSVILLE Range (International) (Tex)	388(JI)(116.1)	157°,2.3	SBRAZ-DTV	(3);116.1,122.1
CABANISS NAAS Tower (Tex)	(142.74)		CN	3105;142 74 (during flgt
(N) Cabaniss NAAS (Corpus Christi, Tex) (N)	6.2 SSW;RR NE	30	50h L5 S4	91 oct. opers).
Central Valley (Mercedes)	1.5 NE;hwy S	62	31h S6	80,91 oct. Data unver.
(N) Chase NAAS (Beeville, Tex) (N)	5.6 ESE;rd N	186	46h	INACTIVE. (Tex)
Chupadera Ranch Emerg. Strip (Laredo, Tex)	60 NW	630	33 L1	
CLIFF MAUS Tower (Tex)	278 (118.3)		C	(4);118.3,126.18,122.5 (7-23)
[Cliff Maus](Corpus Christi, Tex)	2.5 SW;RR N	42	45h L5 S6	80,91 oct. No sto. Repairs for airlines only
Commercial (Edinburg)	1 W;RR SE	90	20 S1	73 oct. P-line NW,NNW.
→ Community (Sinton,Tex)	2 W;RR SE	143	50	(Tex)
CORPUS CHRISTI Range → (Cliff Maus) (Tex)	382(CR)(116.1)	138°,2.9	SBMRLZ-DTV	(3); 116.1,122.1
CORPUS CHRISTI Navy Range	248 (NGP)	350°,3.3	MLZ	(3); 142.74
CORPUS CHRISTI NAS Tower	248 (142.74)		CN (GCA)	(3); 142.74
(N) Corpus Christi NAS (Tex)	9.5 SE	19	58h L5 S6	91,100 oct. NATS.(N)
CORPUS CHRISTI NAS Seaplane Tower (Tex)	2870(142.74)		CN	3105;6210; 142.74
(N) Corpus Christi OLF #10 (Tex) (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLF #11 (Tex)(N)	16 SSW	29	15h	13 SSW Aberdeen
(N) " OLF #25 (Tex)(N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLF #41 (Tex)(N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City (Tex)	1.8 N;RR W	600	32 S1	80,91 oct. P-line NE,NW
→ CUDDIHY NAAS Tower (Tex)				DECOMMISSIONED.
Cuddihy (Corpus Christi)	7.8 SW;crk S	39	50h L3 S6	80,91 oct. No bcn. (Tex.)
Dimmit Co.(Carrizo Spgs, (Tex)	2.8 E;hwy N	640	25 S1	Ltd 80 oct. P-line ends strips.
Eagle Pass (Tex)	10 N;RR N	878	59h	
Eagle Pass Mun. (Tex)	1.3 E;hwy N	774	29 S2	80 oct. ARPT OF ENTRY
Elsa (Tex)	1 SSE;RR N	70	21 S6	73 oct. Crop dusters.
Foster (Victoria, Tex)	6.5 NE;RR S	104	52h	
Fox (Raymondville,Tex)	1 WSW;RR S	40	26 S2	73,80 oct. Poles W,SE.
Freer (Tex)	3.8 NNW	375	28	Trees sur fld. Hwy E.
Harlingen, com. (Tex)	1.8 SSW	41	18 S1	73 oct. Hwy E.
Harlingen (Tex)	5 NW;RR SW	40	13	P-line S.
Harlingen, mun. (Tex)	3.5 NE;rd S	35	60h L5 S4	80,91 oct. Lgts prior req
Hunt (Portland, Tex)	2 WNW	35	16 S5	80 oct. RR ESE.
Indianola (Magnolia Beach)	2 SW;hwy N	17	34	PRIVATE. (Tex)
INTERNATIONAL Tower (Brownsville, Tex)	278 (126.18. 118.7)		C (ILS-W)	(4); 118.7.126.18,122.5 (8-24)

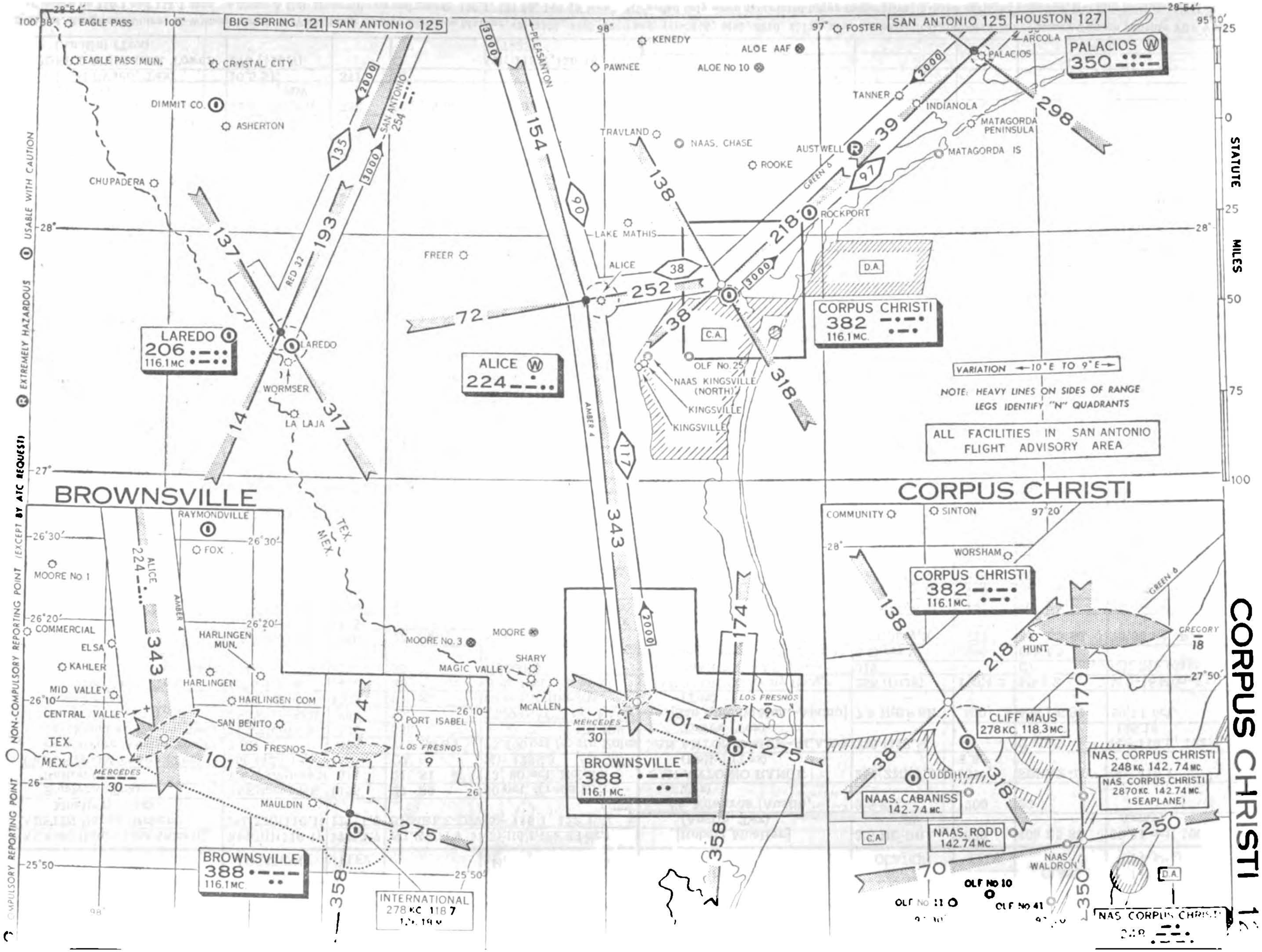
FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(P) [International] (Brownsville, Tex)	4.5 E;hwy N	22	59h L6 S6	**73-100 oct. ARPT OF** ENTRY.100 oct.Army
Kahler (Alamo, Tex)	4 NNE;RR W	90	20 S1	73 oct.Poles sur fld.
Kenedy (Tex)	1.4 ESE;RR N	270	19 S2	80 oct.
★ Kingsville Int,11,JI-FV	3.5 S;RR W	58	26 L3	(Tex)
(N) " NAAS (North)(Tex)	3.5 ESE	47	61h	INACTIVE. Hwy NW.(N)
Kingsville (South)(Tex)	3.5 SE;hwy N	51	61h S4	80, 91 oct. Hwy W.
Lake Mathis (Mathis,Tex)	5 WSW;RR SE	161	20	
La Laja (Dolores,Tex)	1.5 NNE;riv SW	475	18	PRIVATE. 15-20' brush W, S.
LAREDO Range (Tex)	206(LL)(116.1)	137°,3.1	SBRAZ-DTV	(4); 116.1,122.1
[Laredo] (Tex)	3.5 NE;hwy NNE	512	66h L5 S5	80,91 oct.Lgts **on req.** ARPT OF **ENTRY**.
Los Fresnos (Tex)	0.8 SSE;RR W	35	24 S1	73,80 oct.P-line W.
McAllen (Tex)	1.6 SSW;hwy N	115	29 S6	73,80 oct. Poles E,NE
Magic Valley (Mission)	1.5 SSW;lk W	135	21 S6	73 oct.No sto.Poles E.
(A) Matagorda Island (Tex)(A)		7	40h	TMP INACT.NO FACS. 9 SSW Port O'Conner.
Matagorda-Peninsula (Matagorda, Tex)	6.5 E Port O'Conner	5	40h	
Mauldin (Brownsville,Tex)	4.4 NNW;RR W	22	35 S6	80,91 oct.Poles W.
→ Mid-Valley (Weslaco,Tex)	1.7 NE;RR W	70	25 S4	80 oct.P-line NW,SW.
(A) Moore (Mission, Tex)(A)	12 N;RR E	219	50h	CLOSED.
" #1 (Mission,Tex)	10 N Edinb'g	80	40h	
(A) " #3 (Mission,Tex)(A)	5 N La Grulla	300	30h	CLOSED.
PALACIOS Range (Tex)	350 (UX)	118°,1.6	MLWZ	
Palacios (Tex)	2.7 WNW	13	50h S1	80 oct.
★ Pawnee Int,22,JI-FV (Tex)	5 WNW;RR W	368	30 L3	
(P) Port Isabel (Tex)	10 NW	12	48h	
★ Raymondville Int,5,JI-FV	3.5 NNE	34	29 L3	RR W. (Tex)
(P) Rockport (Tex)	4.3 N;bay W	22	45h	
RODD NAAS Tower (Tex)	(142.74)		CN	3105;142.74(during flgt
(N) Rodd NAAS (Corpus Christi, Tex) (N)	9.8 S;RR NE	20	51h L5 S4	91 oct.No sto. opers.)
Rooke (Refugio, Tex)	3.2 WSW;RR E	46	30 S1	73 oct.Cattle on fld.Twr
San Benito,2,JI-FV (Tex)	1.5 E;RR SW	31	26 L3 S6	73,80 oct. NW
Shary (Mission, Tex)	1 NW;RR E	145	30 S4	73,80 oct.
Sinton (Tex)	1.3 E;RR NW	27	48 S6	80,91 oct.No sto.
Tanner Sea & Land Plane Base (Port Lavaca,Tex)	3 S;hwy S	12	22 S1	80 oct.Pwr line sur fld
Travland (Beeville,Tex)	2 NW;RR E	225	19 S2	80 oct.Poles E.
(N) Waldron NAAS (Corpus Christi, Tex) (N)	12 SSE;hwy NNE	25	50h	INACTIVE.
→ Weisman (Kingsville,Tex)	2.5 NNE;RR S			ABANDONED
Wormser (Lardeo, Tex)	4 SE;hwy W	440	26	
Worsham (Taft,Tex)	0.8 ENE	54	25 S6	80 oct. Hwy SW.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INTER-NATIONAL	110.3	335	170°	IM-	MM- -·-·- (0.66)	OM- — — (4.34)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.68, 140.58 mcs. °Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


BIG SPRING 121 SAN ANTONIO 125
SAN ANTONIO 125 HOUSTON 127
EAGLE PASS
EAGLE PASS MUN.
CRYSTAL CITY
DIMMIT CO.
ASHERTON
CHUPADERA
KENEDY
ALOE AAF
PAWNEE
ALOE No 10
FOSTER
ARCOLA
PALACIOS
TANNER
INDIANOLA
MATAGORDA PENINSULA
MATAGORDA IS
TRAVLAND
NAAS. CHASE
ROOKE
AUSTWELL
ROCKPORT
LAKE MATHIS
FREER
ALICE
RED 32
PLEASANTON
AMBER 4
GREEN 5
GREEN 6
TEX. MEX.
LAREDO
WORMSER
LA LAJA
D.A.
C.A.
OLF No. 25
NAAS. KINGSVILLE (NORTH)
KINGSVILLE
KINGSVILLE
PALACIOS (W) 350
LAREDO (I) 206 116.1MC
ALICE (W) 224
CORPUS CHRISTI 382 116.1MC.
VARIATION 10°E TO 9°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
ALL FACILITIES IN SAN ANTONIO FLIGHT ADVISORY AREA
BROWNSVILLE
RAYMONDVILLE
FOX
MOORE No 1
COMMERCIAL
ELSA
KAHLER
MID VALLEY
CENTRAL VALLEY
HARLINGEN MUN.
HARLINGEN
HARLINGEN COM
SAN BENITO
LOS FRESNOS
MERCEDES
MAULDIN
MOORE No. 3
MOORE
MAGIC VALLEY
SHARY
McALLEN
PORT ISABEL
BROWNSVILLE 388 116.1MC.
INTERNATIONAL 278KC 118.7
CORPUS CHRISTI
COMMUNITY
SINTON
WORSHAM
HUNT
GREGORY
CLIFF MAUS 278KC 118.3MC.
CUDDIHY
NAAS. CABANISS 142.74MC.
NAAS. RODD 142.74MC.
NAAS WALDRON
OLF No 10
OLF No 41
NAS. CORPUS CHRISTI 248KC 142.74MC.
NAS. CORPUS CHRISTI 287.0KC 142.74MC. (SEAPLANE)
NAS. CORPUS CHRISTI
CORPUS CHRISTI 12
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES

SAN ANTONIO

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	MLZ-DTV	(3);116.1,122.1(Tex.)
AUSTIN Range (Robert Mueller) (Tex)	281(XN)(116.1)	117°,1.8	SBMRLZ-DTV	(3); 116.1, 122.1
Bandera (Tex)	3 SE;hwy NNE	1125	27 S6	80 oct. Trees E.
Belton (Tex)	1.6 WSW;hwy N	511	21 S1	73, 80 oct. No sto.
BERGSTROM Tower (Tex)	396 (126.18)+		CA	(4); 126.18
(A) Bergstrom (Austin,Tex)(A)	7 SE	494	70h L5 S6	73,100 oct.No sto.Poles NE,NW.
Blackland #1 (Waco, Tex)	11 WSW;RR S	575	55h	
(A) Bryan AAF (Tex) (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Burnet (Tex)	2 NE;RR W	1325	21 S1	80 oct.P-line SW.
Cameron Arpk (Tex)	1.7 N;RR W	402	29	Bldg NNE. Hwy W.
(A) Camp Hood Landing Field (Killeen, Tex) (A)	2 NE	920	36	CLOSED.
Coulter (Bryan, Tex)	4 NE;hwy NW	360	22 S6	80 oct. 5' fence SW.
Cuero (Tex)	3.1 N;RR SE	195	53 L S4	80,91oct.Port lgts prior req.
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel
(P) Draughon-Miller (Temple, Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct. No flood lgts.Ctc lgts on req.
(P) Easterwood (College Station, Tex)	2.8 SW	320	52h S6	80 oct.
→ Eden (Tex)	1 NW;hwy E			ABANDONED
Edgerton (Cuero, Tex)	2.9 E;hwy SW	185	1956	80 oct.
→ Edna (Tex)				ABANDONED
Foster #4 (Victoria,Tex)	12.5 NNW	186	56h	
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Georgetown (Tex)	3.3 N;hwy E	789	41h L5 S4	80, 91 oct.
Groesbeck (Tex)	1.5 E;hwy S	477	21 S1	73 oct.
Haile (Austin, Tex)	4.1 NE;RR E	725	23 S6	80,91 oct.Poles ESE.
* Hammond Int;16,GS-WC	2.5 SSE;RR W	393	30 L3	(Tex)
Hearne (Tex)	Adj E;RR E,NE	350	21 S1	80 oct. Data unver.
Hefner (El Campo, Tex)	1.5 WSW;RR SE	104	21 L S2	80 oct. Port rnwy lgts. P-line S,SE.
(A) Hondo AAF (Tex) (A)	2.1 NW;RR S	929	61h	CLOSED.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio, Tex) → (A)	6.8 SW;RR NE	675	75h L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR.STI
Killeen (Tex)	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
Lampasas Co.(Lampasas)	6 NW;RR S	1480	42 S2	80 oct. (Tex)
Llano Co. (Llano, Tex)	2.4 NNE	1029	40 S1	73 oct. Riv NE.
Louise (Tex)	1.6 E;RR W	120	24 S1	Ltd 80 oct.P-line N,S.
(P) Louis Schreiner (Kerrville, Tex)	3.9 SE;RR SW	1590	44h L5 S6	80 oct.
Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
Newland (Waco, Tex)	4.5 SSE	410	25 S6	80, 91 oct. RR NE.
Poteet (Tex)	0.6 SW;RR E	440	13 S2	73 oct.
RANDOLPH Army Range (San Antonio)(Tex)	359 (DRQ)	322°, 2.04	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio, Tex) (A)	15.8 ENE;RR NW	752	70h L5 S6	91,100 oct.No sto.
Riesel (Waco, Tex)	10.5 SE	371	51	
ROBERT MUELLER Tower (Austin) (Tex)	272 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
[Robert Mueller] (Austin, Tex)	3.5 NE;RR SW	620	46h L5 S6	80,91 oct. 100 oct for Army.
St. Edwards (Austin, Tex)	3.5 S	700	22	
SAN ANTONIO RANGE (Kelly) (Tex)	254(ZN)(116.1)	107°, 1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO Tower (Tex)	278 (118.5)		C (ILS)	(4); 118.5, 122.5, 126.18
→ [San Antonio Mun.-Alamo] (Tex)	7.8 N;RR SE	800	55h L6 S2	80,91 oct.
SAN MARCOS Army Range	266 (DMS)	170°,4.2	MRLZ	V(6-18 Mon-Fri)
SAN MARCOS AAF Tower	317		CA	(3); 266 (days only)
(A) San Marcos AAF (Tex)(A)	5 E;riv W	596	65h L5	
* San Marcos Int, 31B, JI-FV (Tex)	2 SE;hwy N	577	29 L3 S6	73,80 oct. P-line NE
Schulenburg (Tex)	2.2 N;hwy W	344	20 S4	73 oct. P-line W.
Scott (Gatesville, Tex)	1.8 E;hwy N	780	25 S1	80 oct.P-line NW.
Stephens (Marlin, Tex)	2 ESE;RR N, SSW	318	19 S2	80 oct.Cattle on fld. Pole W.
Taylor (Tex)	2.2 WNW;RR S	520	24 S4	73 oct.
White (Brady, Tex)	10 W;RR N	1550	73	
Woodson (Temple, Tex)	2 NNW;hwy SW	763	28h S4	80 oct.
YOAKUM H Fac (Int.)(Tex)	236 (YK)	352°, 2.8	HW	
* Yoakum Int,7,JR-HU(Tex)	5 NW;hwy S	387	39 L3	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALAMO	109.9 •‾•=•	333.8	30°	IM-	MM-•—•—(0.68)	OM- ——(4.38)
					MMH-	OMH-230 ——••
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

→ Edna (Tex	2 ESE,hwy S		20 S1	73 oct. Use strips only Data unver
→ Killeen-new (Tex)	1.6SE;RR,hwy N	833	25 S1	80 oct.
→ Smithville (Tex)	2.5 SE;lake NW	324	18 S1	80 oct. P-line ENE

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voic (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

SAN ANTONIO 125

ABILENE 107 FORT WORTH 109

HOUSTON 127

CORPUS CHRISTI 123

R : EXTREMELY HAZARDOUS O : USABLE WITH CAUTION

NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

COMPULSORY REPORTING POINT

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: 10°E TO 9°E

FOR DETAILS IN THE SAN ANTONIO AREA SEE CHART 111

STATUTE MILES 10 0 10 20 30 40 50

WHITE R
CURTIS
LAMPASAS CO
MASON CO
LLANO CO
BURNET
SCOTT
BLACKLAND NO 1
CAMP HOOD D A
KILLEEN-BELTON
KILLEEN
BELTON
WOODSON
DRAUGHON-MILLER
STEPHENS
NEWLAND
RHESEL
GROESBECK
WACO
FORT WORTH SAN ANTONIO
BLUE 5
HAMMOND
CAMERON
GEORGETOWN
TAYLOR
COULTER
BRYAN AAF
EASTERWOOD
NAVASOTA
BIG SPRING
LOUIS SCHREINER
SPRING BRANCH
ALAMO R 344 116.1
SAN MARCOS
SAN MARCOS AAF 317
SAN MARCOS AAF 266
BERGSTROM AAF 396 126.1 118
ROBT-MUELLER 272 126.1 118.7
AUSTIN 281 116.1
ST EDWARDS
RANDOLPH AAF 272 126.1 118
BANDERA
MEDINA
SAN ANTONIO (ALAMO) 278 118.5
SAN ANTONIO 254 116.1
RANDOLPH AAF 359
YOAKUM W 236
KELLY AAF 219 126.1 118
MONTGOMERY
SCHULENBURG
RICHMOND 391
MITMVILLE
YOAKUM INT
GARNER
MONEO AAF
CULPO
EDGERTON
FOSTER NO 4
PALACIOS 350
EDNA
HEFNER
LOUISE
ALICE
PORTEET
LAREDO
PLEASANTON

HOUSTON

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALEXANDRIA Range (La)	251 (DAI)	310°,5.7	SMRAWZ	
(P) [Alexandria] (La)	5.5 W;riv 2 N	88	70h L5 S1	80, 91 oct.
Angelina Co.(Lufkin,Tex)	7.5 SSW;RR W	288	42	Cattle on fld.
→ Bay City (Tex)	2 SSW;RR N			ABANDONED
→ BEAUMONT Range (Jefferson Co)(Tex)	368(JU)(116.1)	160°,3.7	BMRLZ-DTV	(4);116.1,122.1
Beaumont (Tex)	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior
Brazosport (Velasco,Tex)	1 N;hwy SW	6	24 S1	80 oct. Data unver. req.
Damon (Tex)	3 ESE;hwy WSW	60	22	4' fence sur fld.
De Quincy (La)	1.5 SW;RR NW	78	24	Cattle on fld. Trees N,E.
(P) De Ridder (La)	3.5 WSW;RR S	203	45h	
(A) Ellington (Houston,Tex)(A)	15 SE;RR W	39	52h L5 S1	100 oct.
(A) Erwin-Newman (Houston, Eunice (La) [Tex]	5 SSW;hwy N 1.7 W;hwy N	50 45	28 S6 35 S2	80 oct. 80 oct.
→ GALVESTON Range (Tex)	263(GS)(116.1)	125°,4.2	SBMRLZ-DTV	(4);116.1,122.1
[Galveston] (Tex)	3.5 WSW;gulf S	7	60h S6	80,91 oct.
Gulf Coast (Texas City,Tex)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct. No sto. P-line
HITCHCOCK Tower (Tex)	3295		CN	3105,6390 (days) N.
(N) Hitchcock NAF (LTA)(N)	2.3 SW;RR ENE	20	20h	(Tex)
→ HOUSTON Range (Tex)	322(HU)(116.1)	309°,2.2	SBRAZ-DTV	(3);116.1,122.1
HOUSTON Tower (Tex)	(278)(126.18,118.5)		AC (ILS)	(4);118.5,126.18,122.5
→ [Houston] (Tex)	9 SSE;hwy W	50	47h L6 S6	73,80,91,100 oct.
Humphrey (Goose Creek)	4 NNE;RR E	34	24	P-line NW,W. (Tex)
Jackson (Cypress,Tex)	4 SE;hwy S	145	25 S6	80 oct.
(P) Jefferson Co.(Beaumont, Tex)	9.8 SSE;hwy NE	15	51h L5	
→ Jennings (La)	1.4 NNW;RR SW	20	32 S6	80,91 oct. P-line E.
LAKE CHARLES MUN Range	242(LC)(116.1)	340°,2.5	SBRAZ-DTV	(4);116.1,122.1
→ LAKE CHARLES Tower (La)				DECOMMISSIONED
(A) [Lake Charles Mun.](La)	4 ESE;RR NE	17	63h L5 S6	80,91 oct.;73,100 oct, JP-1 for Army.
Lake Charles (La)	5.2 SSW;hwy N	17	26 S6	80 oct. P-line N. Rnwy data unver.
→ Lake Jackson (Freeport)	9.5 NW;hwy E			ABANDONED
Lamar (Beaumont, Tex)	4 SE;riv NE	17	22 S4	80 oct. No sto. P-line N,S.
(A) Leesville Land Strip (La)	2 NW		10	L-type acft. (A)
(P) Le Gros Memorial (Crowley, La)	6.5 WSW;RR N	16	43h L5	Ctc lgts prior req.
Lufkin (Tex)	2 NW;hwy N	315	31 L1 S6	73,80 oct.
Madisonville Emerg.(Tex)	0.8 NW;hwy E	400	18	
Main Street (Houston,Tex)	6.5 SSW;hwy SE	50	22 S6	80 oct.
→ McArthur (Alexandria,La)	2.8 W;hwy E,N	86	26 S4	80,91 oct Trees N,S Rnwy
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct. (Tex) data unver.
(P) Montgomery Co. Arpk. (Conroe, Tex)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct. No flood lgts. Rnwy lgts prior
NAVASOTA Range (Int.)(Tex)	212 (NT)	180°,1.4	MRLW	req.
* Navasota Int,10,GS-WC (Tex)	2.5 ENE; RR NNW	331	30 L3	
(A) No. Camp Polk Land Strip	6 NE	340	14h	(Camp Polk, La) (A)
→ No. Lake Charles (Lake Charles, La)	10 N;hwy NW	17	50	
Oakdale (La)	3 W;hwy N	123	27	Trees WSW,ENE.
Old Ocean (Tex)	1 ENE;hwy N	60	35 S1	80 oct. Cattle on fld.
Orange (Tex)	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur,Tex)	4 NW;RR NE	6	34 S6	80 oct.
(A) Pollock AAF (La) (A)	4.5 SW	211	45h	CLOSED.
(A) Preston (Houston,Tex)(A)	2.5 WNW of La Porte	34	40	CLOSED.
RICHMOND Range (Tex)	391 (UT)		MRLW	
Richter (Kirbyville,Tex)	1.5 S;RR E	175	16	
Sam Houston (Houston,Tex)	10.5 SW;RR S	60	30 S6	73, 80 oct.
Sam Houston State College (Huntsville, Tex)	2.5 NW;RR E	401	24 S2	80 oct.
(A) So. Camp Polk Landing Strip (Camp Polk,La)(A)	Adj E	300	21h	
Sky Harbor (Anahuac,Tex)	0.3 S;hwy N	24	22 S1	80 oct.
Skyport (Houston, Tex)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston,Tex)	6 ENE;RR N	60	30 S4	80 oct.
Tri-Cities (Goose Creek, Tex)	2.6 N;RR E	25	24 S2	80 oct. P-line SE
(P) Wharton (Tex)	1.8 ENE;RR N	100	45 S2	80 oct.

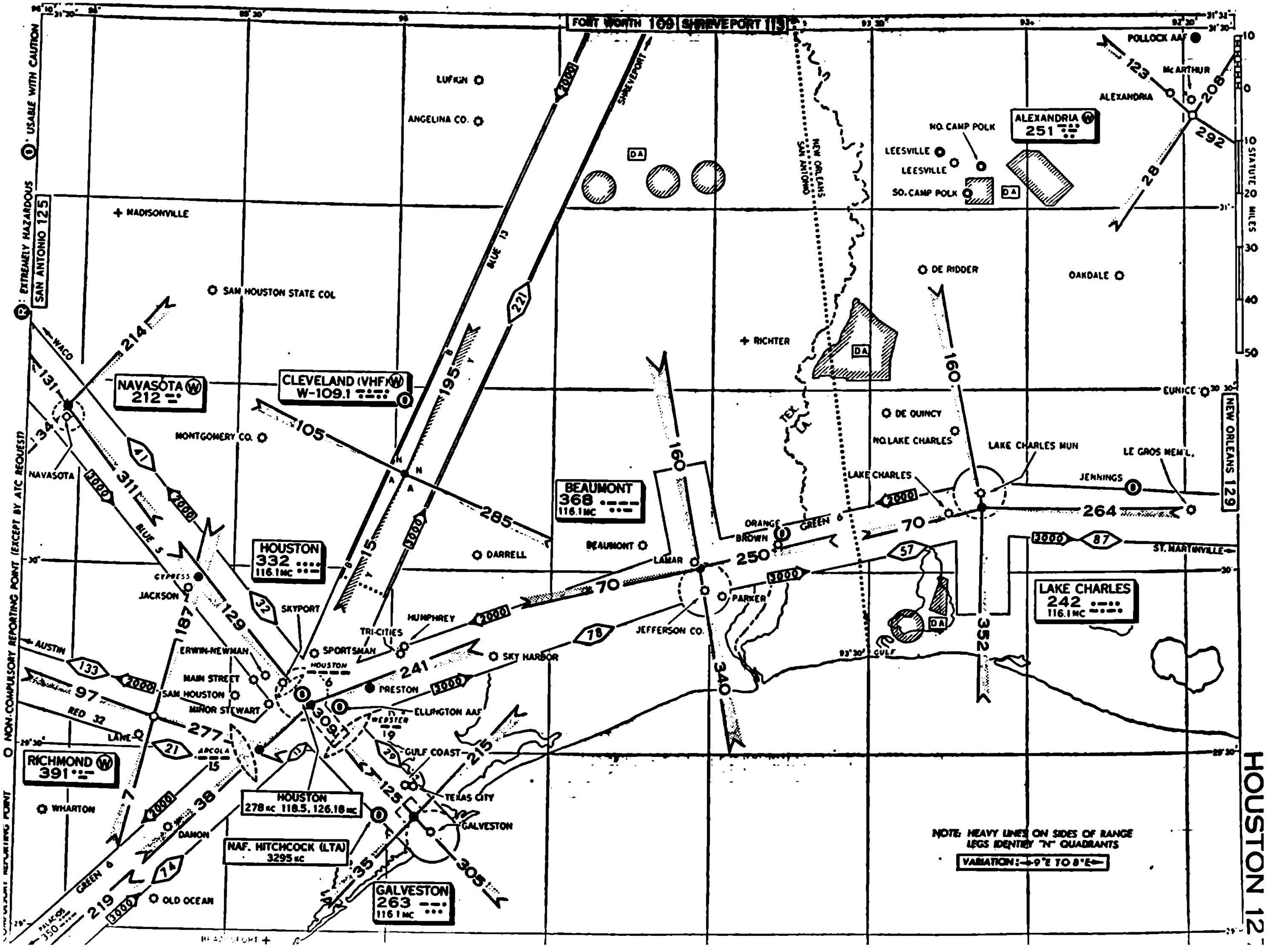
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
HOUSTON	109.9		35°	IM-	MM- •—•—• (0.66)	OM- ——(4.78)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

CLEVELAND Range (Tex)	109.1(CL)		VARW	
→ Brown (Orange,Tex)	3.6 WSW;hwy SE	20	47 S4	80,91 oct. No sto. P-line SE.
→ Darrell (Liberty,Tex)	4.3 ESE;RR,hwy N	30	29 S1	80 oct. P-line N
→ Lane (Rosenburg,Tex)	2.5 SE	106	25 S2	80,91 oct. NNW.
→ Texas City (Tex)	1.8 NNW	8	34 S4	80.91 oct. P-line NE.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


FORT WORTH 109 SHREVEPORT 113
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
SAN ANTONIO 125
LUFKIN
ANGELINA CO.
MADISONVILLE
SAM HOUSTON STATE COL
WACO
214
131
NAVASOTA
212
CLEVELAND (VHF/UHF)
W-109.1
MONTGOMERY CO.
105
347
41
311
NAVASOTA
3000
2000
BLUE 5
HOUSTON
332
116.1MC
285
15
3000
BEAUMONT
368
116.1MC
BEAUMONT
DARRELL
LAMAR
250
70
PARKER
JEFFERSON CO.
78
241
SKY HARBOR
340
352
GULF
LAKE CHARLES
242
116.1MC
ORANGE
BROWN
GREEN
264
70
LAKE CHARLES
LAKE CHARLES MUN
NO LAKE CHARLES
DE QUINCY
160
160
TEX
DE RIDDER
OAKDALE
EUNICE
JENNINGS
LE GROS MEM'L.
NEW ORLEANS 129
ALEXANDRIA
251
NO. CAMP POLK
LEESVILLE
LEESVILLE
SO. CAMP POLK
DA
ALEXANDRIA
POLLOCK AAF
McARTHUR
123
208
292
28
ST. MARTINVILLE
57
87
3000
2000
NEW ORLEANS
SAN ANTONIO
RIVER
RICHTER
DA
NEW ORLEANS 129
STATUTE MILES
10
0
10
20
30
40
50
HOUSTON 12
NON-COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
CYPRESS
JACKSON
187
129
32
SKYPORT
TRI-CITIES
HUMPHREY
AUSTIN
133
97
RED 32
LANE
ERWIN-NEWMAN
SPORTSMAN
HOUSTON
MAIN STREET
SAM HOUSTON
MINOR STEWART
PRESTON
ELLINGTON AAF
WEBSTER
19
309
277
21
ARCOLA
15
RICHMOND
391
WHARTON
7
38
DAMON
GREEN
219
74
OLD OCEAN
HOUSTON
278 HC 118.5, 126.18 MC
NAF. HITCHCOCK (LTA)
3295 HC
GULF COAST
29
215
125
TEXAS CITY
GALVESTON
35
305
GALVESTON
263
116.1MC
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 9°E TO 8°E

NEW ORLEANS

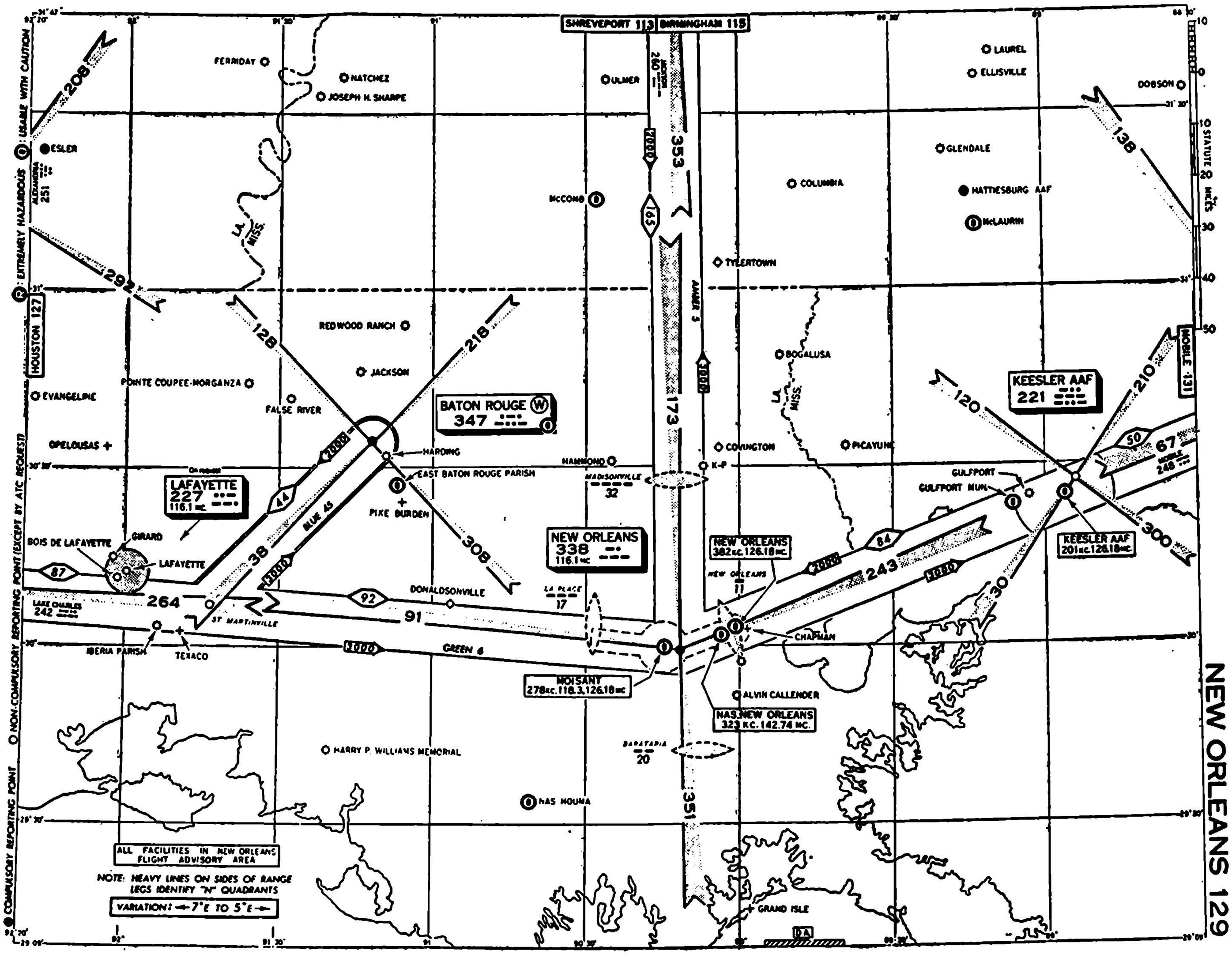
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(N) Alvin Callender (New Orleans, La)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
BATON ROUGE Range (La) (Harding)	347 (RX)	128°,3.4	MRLWZ	
➙ Bogalusa (La)	2.4 N;RR E	100	35 S6	80,91 oct. No sto. Poles S.
Chapman (New Orleans, La)	8.5 NE;lake N	4	22	15' trees NW. Cattle on fld.
* Covington Int,3,NO-LS (La)	6 NNE;hwy W	77	27 L3	Pole line W.
* Donaldsonville Int, 26, HU-NO (La)	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge, La)	4 E;hwy N,E	56	31 S4	80,91 oct. P-line S.
Ellisville (Miss)	1.3 SW;RR SE	240	18	
(A) Esler (Alexandria, La) (A)	11 NE;Bayou S	92	45h	CLOSED
False River (New Roads, La)	1.6 WSW;lake S	30	30 S1	80 oct.
Ferriday (La)	1.5 N;RR,hwy E	55	17	
Girard (Lafayette, La)	2.5 NW;hwy E	39	26 S6	80,87 oct. Obsts sur fld.
Glendale (Hattiesburg, Miss)	5 NNW;hwy E	200	26 S3	80 oct.
Grand Isle (La)	2.6 NE;hwy NW	4	22	notice.
➙ Gulfport (Miss)	3.4 NE	27	70h L S2	80,91 oct. Fld lgts 24 hrs
➙ Gulfport, mun. (Miss)	1.3 N;RR E	30	22	CLOSED
(P) Hammond	2 ENE;RR S	40	50h	
(P) [Harding] (Baton Rouge, La)	5.8 NNE	70	60h L5 S2	80,91,100 oct.
(P) Harry P. Williams Memorial (Patterson, La)	2 WNW;bet RR & hwy	9	32 L2 S2	73 oct. No bcn. Lgts prior req. P-line NW.
(A) Hattiesburg AAF (Miss) (A)	5 SSE;RR SW, NE	145	43h	Poles W,NW. CLOSED
(N) Houma NAS (LTA) (La) (N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia, La)	5 NW;RR NE	27	40h L5 S6	73-91 oct.
Joseph H. Sharpe (Natchez, Miss)	1.8 ESE;RR S	135	25 S2	73 oct.
➙ KEESLER Army Range (Miss)	221 (DOX)	210°,2.9	BMRLZ	(4); 4220
KEESLER Tower (Miss)	201 (126.18)		CA	(4); 4220
(A) Keesler (Biloxi,Miss) (A)	2 WNW;bay N	26	66h L5 S5	100 oct. Rdo rqrd ngts.
K-P (Covington, La)	1.6 NW;hwy adj	27	18 S2	80 oct. P-line E.
LAFAYETTE H Fac. (La)	227 (UG) (116.1)		MHTV	(4);116.1,122.1 [on req.
➙ Lafayette (La)	1.5 SE;RR W	40	50h L5 S5	80 oct. P-line S. Fld lgts
Laurel (Miss)	3 W;RR SE	235	50h L S4	80,91 oct. Port rnwy lgts.
McComb (Miss)	1.3 NW;hwy E	460	27 L3 S6	80, 91 oct. No bcn. Lgts prior request. Obsts sur field.
McLaurin (Miss)	1 NNE;RR W	350	24 S4	73 oct. Lgt acft only.
➙ Menefee (New Orleans, La)	5.2 E;riv S	1	31 S6	80 oct. P-line S.
MOISANT Tower (La)	278 (118.3, 126.18)		C (ILS-W)	(4); 122.5,118.3,126.18
(N) [Moisant International] ➙ (New Orleans, La)	11 W;riv S	3	70h L6 S1	80,91,100 oct. Avail. only to Navy, and Airlines. NATS.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
NEW ORLEANS Range (La) (Moisant)	338(NO)(116.1)	271°,3.2	SBRAZ-DTV	(3); 116.1
NEW ORLEANS Tower (La)	382 (126.18)		CA	(4); 126.18
(NG) New Orleans (La)	6.5 NNE;RR S	8	40h L5 S4	91,100 oct.; 80-100 oct. 1-ech main NG.
NEW ORLEANS NAS Tower	323 (142.74)		CN	(3); 142.74 (8-sunset)
(N) New Orleans NAS (La) (N)	4.6 N; on lake	7	34h S1	100 oct. Twr NE.
(P) Opelousas (La)	1.5 NE	35	18	Data unver.
➙ Picayune (Miss)	2.3 NNE	92	30 S4	80 oct. No sto. Trees N, SW.
Pike Burden (Baton Rouge, La)	5 SE	35	50 S1	80 oct. Data unver
Texaco (New Iberia, La)	2.6 N;hwy W	21	18	Poles W,WSW. Cattle on fld.
* Tylertown Int,7,NO-LS (Miss)	6 SE;rd E	393	40 L3	
➙ Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	28 S4	73,80 oct. No sto. P-line
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct. W

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MOISANT	109.9	333.8	100°	IM- ·····(0.05)	MM-	OM- ——(3.92)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)
➙ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


SHREVEPORT 113
BIRMINGHAM 115
FERRIDAY
NATCHEZ
JOSEPH H. SHARPE
ULMER
LAUREL
ELLISVILLE
DOBSON
ESLER
GLENDALE
COLUMBIA
HATTIESBURG AAF
McLAURIN
McCOMB
TYLERTOWN
REDWOOD RANCH
JACKSON
BOGALUSA
POINTE COUPEE-MORGANZA
EVANGELINE
FALSE RIVER
BATON ROUGE
347
HARDING
EAST BATON ROUGE PARISH
PIKE BURDEN
HAMMOND
COVINGTON
PICAYUNE
KEESLER AAF
221
OPELOUSAS
LAFAYETTE
227
116.1
BOIS DE LAFAYETTE
GIRARD
LAFAYETTE
NEW ORLEANS
338
116.1
MADISONVILLE
32
LA PLACE
17
NEW ORLEANS
382 KC. 126.18 MC.
NEW ORLEANS
11
KEESLER AAF
201 KC. 126.18 MC.
GULFPORT
GULFPORT MUN
DONALDSONVILLE
ST MARTINVILLE
LAKE CHARLES
242
264
91
92
IBERIA PARISH
TEXACO
GREEN 6
CHAPMAN
MOISANT
278 KC. 118.3, 126.18 MC
ALVIN CALLENDER
NAS NEW ORLEANS
323 KC. 142.74 MC.
HARRY P. WILLIAMS MEMORIAL
BARATARIA
20
NAS HOUMA
GRAND ISLE
ALL FACILITIES IN NEW ORLEANS FLIGHT ADVISORY AREA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 7°E TO 5°E
C: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
HOUSTON 127
MOBILE 131
353
173
351
165
208
292
128
218
138
120
210
300
308
243
264
38
30
84
44
87
92
91
50
67
STATUTE 20 MILES
NEW ORLEANS 129

MOBILE

FACILITY	FREQ., IDENT. / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(A) Alliance #4 (Marianna,Fla)(A)	14 SE	215	50h	CLOSED.
Andalusia (Ala)	1.7 SSE;RR N	340	18 S1	80 oct.
(A) Apalachicola AAF (Fla)(A)	2 W;RR N	19	53h	CLOSED.
★ Atmore Int,16,NO-AG (Ala)	6 NW;at rd int.	287	31 L3	
(N) Bagdad OLF (Pensacola,Fla)(N)	14 NE;RR SE	111	18h	Use rnwys.
→ BARIN NAAS (EAST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-East (Foley,Ala)	2.7 ESE	51	41h	INACTIVE. (N)
→ BARIN NAAS (WEST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-West (Foley,Ala)	2.7 ESE	72	34h	INACTIVE. (N)
(A) Bascom (Marianna,Fla)(A)	15.5 NE	120	50h	CLOSED.
[Bates] (Mobile, Ala)	10 W;rd N,S	218	50h L5 S6	80,91 oct. No flood lgts; ctc lgts on req.
(P) Brewton (new)(Ala)	3.5 S;riv N	92	40h	
→ Brewton (old)(Ala)	2.5 N;hwy E			ABANDONED
(N) Bronson NAAS (Pensacola,Fla)	12 WSW;bay W	27	44h	INACTIVE. (N)
→ BROOKLEY Tower (Mobile,Ala)	281 (126.18)+		CA	(4); 126.18
(A) Brookley (Mobile,Ala) (A)	3 SSW;RR NW	26	89h L5 S4	62,73,100 oct. P-1,
(N) Canal OLF (Foley,Ala)(N)	8 S;rd W	16	36h	
→ Carabelle Flgt Strip (Fla)	2.6 W;hwy S	20	40h	
Chastain's (Prichard, Ala)	2.5 NW;RR E	50	26 S6	80 oct.
Chipley (Fla)	1.5 SE;hwy N	100	24 S1	80 oct. Trees around fld.
(N) Choctaw OLF (Pensacola,Fla)	15 ENE	111	40h	(N)
City Air Park (Panama City)	2.5 N	40	26 S6	80,91 oct. Data unver. (Fla)
CRESTVIEW Range (Fla)	350(HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4); 116.1
Crestview, 21, NO-JX (Fla)	2.5 N;RR E	274	33 L2 S6	80 oct. No sto.
Davis (Mobile, Ala)	12.1 WSW;RR E	180	23 S1	73 oct.
De Funiak Springs (Fla)	1 W;RR N	197	25 S1	80 oct Pwr line N.
Donalsonville (Ga)	1 S	150	40h	
DOTHAN Range (Ala)	233(NI)(116.1)	47°, 3.7	SBRAZ-DTV	(4); 116.1
[Dothan] (Ala)	3 WNW;hwy SE	330	40h L5 S6	80,91 oct. No sto. No flood lgts.
EGLIN Army Range (Fla)	209 (DVQ)	175°, 3.6	MRLPZ	Range cont.; (3); 126.18 (6-24)
EGLIN Tower (Fla)	278 (126.18)+		CA	(3); 126.18 (6-24)
(A) Eglin (Valpariso,Fla)(A)	1.8 SW;hwy SE	71	80h (L5) S4	73,100 oct. JP-1. No sto.
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
Ellis (Marianna, Fla)	9.5 N;riv W	116	50h	
(N) Ellyson NAAS (Pensacola,Fla)	7.5 NNE;bay E	115	38h	INACTIVE. (N)
Enterprise (Ala)	0.5 NE	355	22	
(N) Faircloth OLF (Lillian,Ala)(N)	3 NW;bay E	70	37	
Geneva (Ala)	2.4 NW;hwy S	88	23 S4	80 oct. RR S.
Gulf Airpark (Pensacola,Fla)	3 NW		17	Data unver.
↘ Headland (Ala)	2 NE;hwy N	350	48	
(N) Helm OLF (Pensacola,Fla)(N)	12 NW			ABANDONED.
(N) Holley OLF (Fla) (N)	1.5 S;riv N	37	36h	
Jackson Co. (Pascagoula,Miss)	3.5 ENE;RR N	16	45h L5 S6	80,91 oct.
(N) Kaisers Tract OLF (Elberta, Ala) (N)	3.3 ENE;hwy S	90	25	
Luverne (Ala)	1.7 NNW;RR E	300	20 S1	73 oct. P-line W.
(N) Magnolia OLF (Foley,Ala)(N)	5.4 NW	83	29h	
(A) Malone #2 (Marianna,Fla)(A)	15.5 N	154	50h	CLOSED.
(P) Marianna (Fla)	6 NE;hwy E	112	50h L5 S4	80 oct. Fld lgts prior req.
(P) Middleton (Evergreen,Ala)	6 WSW;hwy N	258	40h L5	Fld lgts prior req.
(P) Milton "T" (Fla)	3.5 ENE;RR S	150	53 S3	80 oct.
MOBILE Range (Ala)(Brookley)	248(MS)(116.1)	138°, 3.2	SBRAZ-DTV	(4); 116.1
(A) Napier (Dothan, Ala) (A)	7.5 NW;RR S	397	45h	CLOSED.
(A) Ozark AAF (Ala) (A)	12 SSW	305	46h	TMP INACT. NO FACS.
Panama City (Fla)	5 NW;bay N,S,W	5	19 S6	80 oct.
PENSACOLA Range (Fla)	326(KH)(116.1)	340°, 2.1	SBRAZ-DTV	(4); 116.1
(P) [Pensacola] (Fla)	4 NNE;bay E	121	50h L5 S6	80,91 oct.
Pensacola Arpk (Fla)	5 NNW;hwy E		28 S1	80 oct. Allway fld Data ver.
PENSACOLA NAS-CHEVALIER Tower (Fla)	382 (142.74)		CN	(4); 142.74 (sunrise-30 min. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower (Fla)	2870 (142.74)		CN	3105;142.74 (730-1630 except Sat,Sun,and holidays)
(N) Pensacola NAS-Chevalier (Fla)	5.3 SW;RR W	9	26h L S6	91 oct. Flood,obst lgts (N)
PENSACOLA NAS-CORRY Tower	341 (142.74)		CN	3105; 142.74
(N) Pensacola NAS-Corry (Fla)(N)	5 WSW;hwy SE	32	43h L4 S6	91 oct. Obsts N,E,W.
(N) " OLF #1 (N) (Fla)	14 NW;riv 3 W	100	46	ABANDONED.
(N) " OLF #5 (N)	10 NNW;RR W	115	57	ABANDONED.
(N) " OLF #6 (N)	10 NNW;RR E	110	48	ABANDONED
(N) " OLF #7 (N)	7 NW	103	37	ABANDONED.
(N) " OLF #8A (N)	13 NW	100	73	
(N) " OLF #9K (N)	11.5 NNW;RR E	110	50	ABANDONED.
(A) Reynoldsville (Ga) (A)	1.7 SSW	110	30h	CLOSED.
(N) Santa Rosa OLF (Milton,Fla)	6 E;rivs N,S,W	150	45h	(N)
SAUFLEY NAAS Tower (Fla)	275 (142.74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola,Fla)	8.5 WNW;bay SW	85	61h L5 S4	87,91 oct. NATS. (N)
(N) Silverhill OLF (Ala) (N)	3.5 WNW	129	30h	
Skyland (Panama City,Fla)	Within city W	12	20 S6	80 oct. No sto. P-line S.
Southern Airmotive (Dothan)	2 SE;RR W	322	27 S4	80 oct. Twr NW. (Ala)
(N) Spencer OLF (Pensacola,Fla)	15 NNE;bay S	145	18h	(N)
(N) Summerdale OLF (Ala) (N)	3.5 ENE;RR W			ABANDONED.
TYNDALL Army Range (Fla)	203 (DKE)	313°, 2.8	MRLZ	(3); 126.18 (V, 6-24)
TYNDALL Tower (Fla)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City,Fla)(A)	8 SE;Gulf SW	16	61h L5 S6	73,91,100 oct.
WHITING Navy Range (Fla)	524 (AWT)	130°, 3.2	MRLWZ	
WHITING NAS-NORTH Tower	269 (142.74)		CN	3105,4495; 142.74 (Fla)
(N) Whiting NAS-North (Milton,Fla)	6 N	200	60h (L6) S4	73,91,100 oct. (N)
→ WHITING NAS-SOUTH Tower				DECOMMISSIONED
(N) Whiting NAS-South (Milton,Fla)	5 N	178	60h	Use N Fld INACTIVE. (N)
(N) Wolf OLF (Josephine,Ala)(N)	1.5 N;bay E	54	30h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

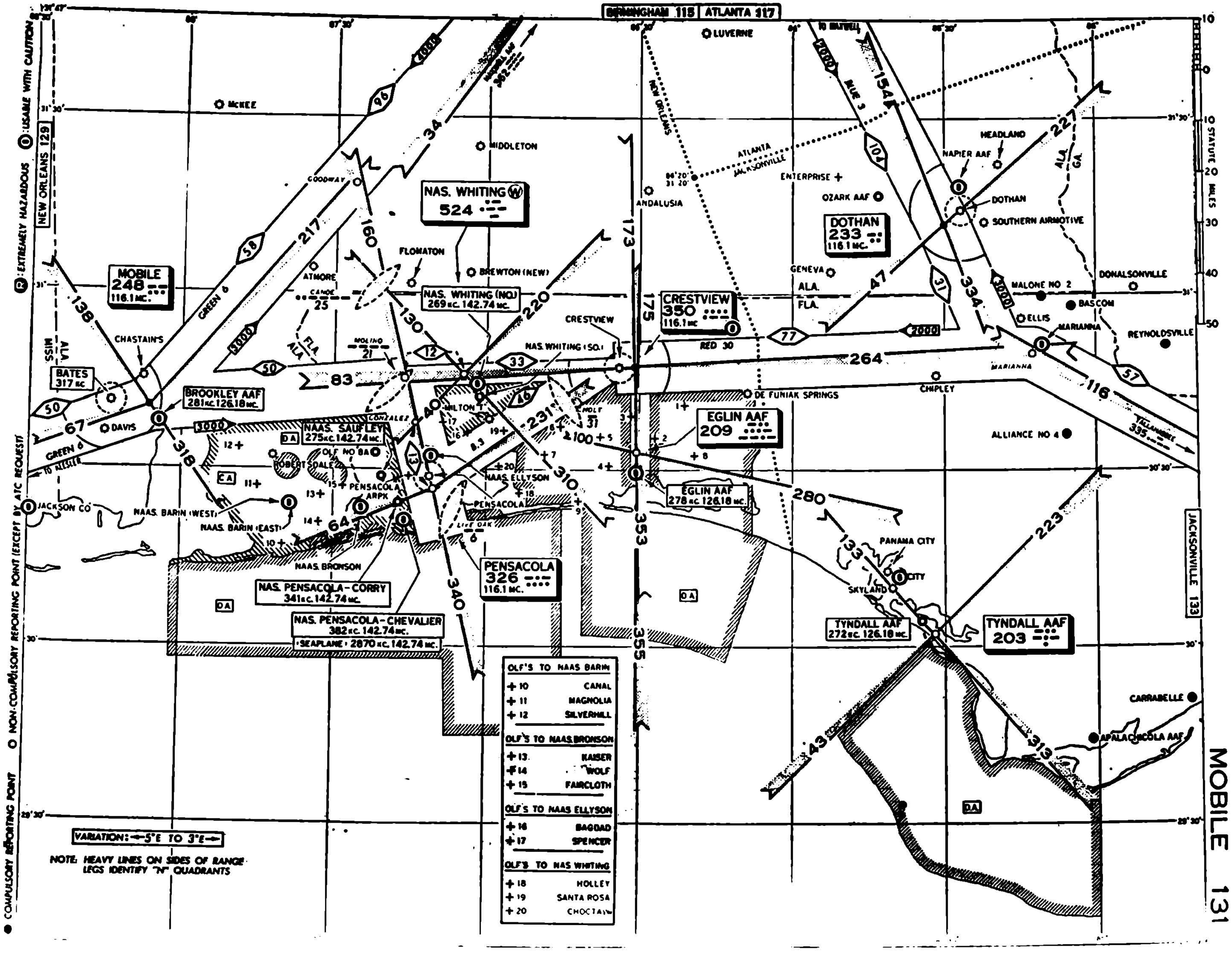
NEW FACILITIES

BATES tower (Ala)	317	C	(4) (8-24)	prior req.
→ Flomaton (Ala)	2 NNE;RR 1 E	240	16 L S4	80 oct. P-line W. Strip lgts

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page xiii)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


BIRMINGHAM 115 ATLANTA 317
R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION
NEW ORLEANS 129
LUVERNE
McKEE
MIDDLETON
GOODWAY
NAS. WHITING 524
ANDALUSIA
NEW ORLEANS
ATLANTA JACKSONVILLE
ENTERPRISE
OZARK AAF
HEADLAND
NAPIER AAF
DOTHAN
SOUTHERN AIRMOTIVE
DOTHAN 233 116.1 MC.
MOBILE 248 116.1 MC.
FLOMATON
BREWTON (NEW)
ATMORE
CANOE 25
NAS. WHITING (NOJ) 269 nc. 142.74 mc.
CRESTVIEW 350 116.1 mc
CRESTVIEW
GENEVA
ALA.
FLA.
MALONE NO 2
DONALSONVILLE
BASCOM
ELLIS
MARIANNA
REYNOLDSVILLE
CHASTAIN'S
MOLINO 21
NAS. WHITING (SO.)
RED 30
BATES 317 nc
BROOKLEY AAF 281 nc. 126.18 mc.
DAVIS
CONTABLE
NAAS. SAUFLEY 275 nc. 142.74 mc.
DE FUNIAK SPRINGS
CHIPLEY
EGLIN AAF 209
ALLIANCE NO 4
WILTON
OLF NO 8A
ROBERTSDALE
PENSACOLA ARPK
NAAS. ELLYSON
PENSACOLA
EGLIN AAF 278 nc. 126.18 mc.
JACKSON CO
NAAS. BARIN (WEST)
NAAS. BARIN (EAST)
NAAS. BRONSON
LIVE OAK
PENSACOLA 326 116.1 mc.
PANAMA CITY
CITY
SKYLAND
NAS. PENSACOLA-CORRY 341 nc. 142.74 mc.
NAS. PENSACOLA-CHEVALIER 382 nc. 142.74 mc.
SEAPLANE 2870 nc. 142.74 mc.
TYNDALL AAF 272 nc. 126.18 mc.
TYNDALL AAF 203
JACKSONVILLE 133
CARRABELLE
APALACHICOLA AAF
OLF'S TO NAAS BARIN
+10 CANAL
+11 MAGNOLIA
+12 SILVERHILL
OLF'S TO NAAS BRONSON
+13 KAISER
+14 WOLF
+15 FAIRCLOTH
OLF'S TO NAAS ELLYSON
+16 BAGDAD
+17 SPENCER
OLF'S TO NAS WHITING
+18 HOLLEY
+19 SANTA ROSA
+20 CHOCTAW
VARIATION: 5°E TO 3°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
COMPULSORY REPORTING POINT O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
STATUTE MILES
MOBILE 131

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALBANY Range (Ga) (Turner Aux. Field No. 1)	254(GY)(116.1)	298°,2.3	BMRLZ-DTV	(4); 116.1 (DTV stn lctd at Albany Arpt).
Albany (Ga)	4 SW;RR N	196	49h L5 S6	80,91 oct.
ALMA Range (Ga)	242 (AJ)(116.1)	144°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
Alma, Site 43,MM-AG (Ga)	2.5 W;hwy N	200	43 L3	
Ashburn (Ga)	1.5 SE;RR,hwy W	430	18 S1	80 oct.
(A) Babcock (Boykin,Ga) (A)	3.5 ENE	145	30h	CLOSED.
Bainbridge (Ga)	7 NNW;RR NE	141	50h S6	80, 91 oct.
Barberville (Fla)	1 SE;bet RR & rd	25	25	P-line E. UNUSABLE.
(A) Bemiss #3 (Valdosta,Ga)(A)	12 NE;hwy SE	198	50	TMP INACT.NO FACS.
(N) Bostwick OLF (Fla) (N)	1 NW;RR E	53	34	
Bowser (Baxley, Ga)	2.5 S;hwy W;RR N	205	21 S1	80 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct.Trees W.Poles SW
(N) Branan OLF (Jacksonville,Fla)	14.5 SW	73	40h L	B-2 lgts. (N)
BRUNSWICK H Fac. (Ga)	230(BS)(116.1)		MHTV	(4); 116.1
Brunswick (Ga)	2.5 NNE;hwy E	14	26 S1	80,91 oct. Data unver.
Bunnell (Fla)	3.3 E	34	50h	
Camilla (Ga)	1.4 NW.	180	21 S1	80 oct. Data unver.
CECIL NAAS Tower (Fla)	201 (142.74)		CN	3105;142.74 (Flying hrs)
(N) Cecil NAAS (Jacksonville,Fla)	16 WSW;hwy NW	80	50h L5 S4	100 oct. Trees sur fld. (N
Civil Air Patrol (Waycross,Ga)	2.6 WSW;RR SE	140	21 S1	80 oct. Obsts sur fld.
Commodore Decatur (Bainbridge, Ga)	2 W;riv W	105	40h S1	80 oct.
Cook County (Adel, Ga)	1.3 W;hwy NE	220	40h L3 S6	80, 91 oct.
Craig (Jacksonville, Fla)	9 E;riv N	41	40h L5 S6	80,91 oct. No sto.
CROSS CITY AAF Range (Fla)	269(FC)(116.1)	315°,2.7	SBMRAZ-DTV	(4); 116.1
(A) Cross City AAF (Fla) (A)	1 SE; RR SW	42	50h L5	CLOSED.
DALE MABRY Tower (Fla)	281 (118.3,126.18)		C	(4); 126.18,118.3,122.5
(P) Dale Mabry (Tallahassee,Fla)	3 W; RR S	70	52h L5 S4	80, 91 oct.
Darien (Ga)	0.8 SE;riv S	30	13 S1	Ltd 80 oct. Trees W.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
Daytona Beach (Fla)	2.8 SW;hwy S	34	41h L5 S6	80,91 oct. Ctc & rnwy lgts on req.
Faceville (Ga)	3.5 S	285	30h	
(P) Fernandina (Fla)	4 S;ocean E	16	50h	
Fitzgerald (Ga)	2 SSW;RR W,E	365	24	
(N) Flemings Island OLF (N)	17.5 SSW	23	40h L	B-2 lgts.(Jacksonv'l,Fla)
Folkston Int,37,MM-AG (Ga)	0.7 WNW;hwy E	82	20 L3 S1	80 oct. on req.
GLYNCO NAF Range (Ga)	520 (NEA)	239°,0.3	MRLZ	3105,6390(V- 0730-16)
GLYNCO NAF Tower (Ga)	317 (142.74)		CN	3105,4495;142.74(0730-16)
(N) Glynco NAF (LTA)(Ga)(N)	6.4 N Brunswick	25	35h L5 S4	91,100 oct. Hwy SE.
(A) Harris Neck AAF (Ga)(A)	7 E S.Newport	22	54h	CLOSED.
Hart (Jacksonville, Fla)	6.5 W;RR N	20	40 S6	80,91 oct.Trees sur fld.
Hawthorne (Fla)	1.2 SSE;RR W	120	24 S1	Ltd 80 oct.Trees S,W,NE.
Herlong (Jacksonville, Fla)	10.5 WSW	87	40h S4	80,91 oct. No sto.
Homerville Flight Strip (Ga)	2.5 NW;hwy NE	185	40h	
JACKSONVILLE Range (Fla)	344 (JX)(116.1)	269°,1.7	SBRAZ-DTV	(3); 116.1, 122.1
JACKSONVILLE Tower (Fla)	278 (126.18,118.5)		AC (ILS)	(4);122.5,126.18,118.5
(P) Jacksonville (Fla)	6.3 N;RR W	52	70h L6 S4	80,91 oct.
JACKSONVILLE NAS Range (Fla)	365 (NIP)	89°,3.1	MRLZ	
JACKSONVILLE NAS Tower (Fla)	323 (126.18,142.74)		CN	(3); 126.18, 142.74
JACKSONVILLE NAS (Seaplane Tower) (Fla)	2870		CN	2870,3105 (avail.during working hrs. and on 1 hr's advance notice).
(N) Jacksonville NAS (Fla) (N)	7.2 S;riv E,N	20	60h L5 S6	91, 100 oct. NATS.
Jasper, 43, NO-JX (Fla)	3.5 SSE;RR NE	148	36 L3	Poles W. P-line NE.
John R. Alison (Gainesville, Fla)	4.5 NE;RR W	155	50h L5 S2	80,91 oct.Lgts prior req.
(P) Kay Larkin (Palatka, Fla)	3 WNW;RR N	56	50h L5 S1	91 oct.
(A) Keystone (Keystone Heights, Fla) (A)	4.5 NNW;RR W	192	50h	CLOSED.
(N) Lake Butler OLF (Fla) (N)	2 SSW;RR NW	131	60h L	
Lake City (Fla)	3.7 ESE;RR S	201	60h	
Lake Jackson (Tallahassee, Fla)	9 NNW;riv NW	250	30 S4	80 oct. No sto.
(A) Lake Park #2 (Valdosta,Ga)(A)	12.5 SSE;hwy N	220	45	TMP INACT.NO FACS.
LEE OLF GCA (Fla)			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Springs, Fla) (N)	2.2 SE; riv N	22	51h	
Live Oak (Fla)	1 W;RR W	105	26 S1	80 oct.P-line N,NE,SW.
MAYPORT CGAS (Fla)				DECOMMISSIONED.
(CG) Mayport CGAS (Fla) (CG)	0.6 NNE;riv N	19	43h	INACTIVE.
(N) Middleburg OLF (Fla) (N)	3 NNE;rds E,SE	34	32	
(A) Montbrook AAF (Williston, Fla)	3.2 SSW;hwy E	70	70h	CLOSED. (A)
Monticello (Fla)	1.5 SW;hwy E	160	25	
(A) Moody (Valdosta,Ga) (A)	11.5 NNE;RR W	233	50h	TMP INACT.NO FACS.
(A) Moultrie (Ga) (A)	7 S;hwy NW	287	40h	CLOSED.
Nashville (Ga)	1.3 ENE;RR S	236	16 S6	80 oct.
Northside (Moultrie, Ga)	3.2 NNW;RR W	300	30 S4	80 oct. No sto.
Perry (Fla)	2 S;RR E	45	50h S2	80, 91 oct.
Pierson Memorial (Fla)	0.5 N;hwy ,RR W	70	21	
Quincy (Fla)	1.5 NE;RR S	212	35 S1	80 oct.
(A) Rocky Ford #1 (Valdosta,Ga)	16 SW;hwy N	220	50h	CLOSED. (A)
St. Augustine (Fla)	4 NNW;hwy W	10	42h S1	80, 91 oct.
St. Marys (Ga)	1.7 NNW;hwy S	24	50h	
ST. SIMONS ISLAND NAS Tower (Ga)				DECOMMISSIONED
(N) St. Simons Island NAS (Ga)(N)	6 E Brunswick	19	41h	Inactive. Trees NE,SW.
Sawyer (Palatka, Fla)	2.6 S;RR SE	60	25	Trees N,E,S.
(P) South Georgia College (Douglas, Ga)	1.3 S;RR W	225	60	
Spence (Moultrie, Ga)	5 SE;hwy W	292	50h S6	80, 91 oct.
Stengel (Gainesville, Fla)	4 WSW;RR SE	70	38 S6	80 oct. Trees sur fld.
(N) Switzerland OLF (Fla) (N)	1.5 SE	31	40h	
TALLAHASSEE Rng(Dale Mabry)	335 (TJ)(116.1)	85°,2.7	SBRAZ-DTV	(3); 116.1, 122.1 (Fla)
(P) Taylor (Ocala, Fla)	1 SW;RR NE	72	40h L3 S6	80,91 oct.Lgts and ngt repairs prior req.
Tennile (Fla)	2.2 SSW;rd E	35	20	Trees SW.
(A) Thomasville AAF (Ga) (A)	8.5 ENE;hwy S	264	50h	CLOSED.
Thomasville com. (Ga)	1 SW;RR N	250	42 S4	80 oct. Trees sur fld.
Three "B" (Fitzgerald,Ga)	1.5 N	515	27 S1	80 oct.
Tifton Mun. (Ga)	2.3 SE;hwy W	343	50h L5 S6	80,91 oct. Lgts prior req
Tomoka (Daytona Beach,Fla)	7.8 NW	29	40h	
(A) Turner (Albany, Ga) (A)	3.8 ENE;riv N	215	76h	TMP INACT.NO FACS.
(A) Turner #1 (Albany, Ga)(A)	15 NE	285	45	CLOSED.
(A) Vada (Ga) (A)	3 NE	140	30h	CLOSED.
Valdosta (Ga)	2.5 S;hwy E	215	56h S1	80 oct.
(A) Waycross AAF (Ga) (A)	4 NW;hwy E	141	50h	CLOSED.
(N) Whitehouse OLF (Jacksonville, Fla) (N)	13 W; RR S	102	40h L	B-2 lgts.
Williams (Jacksonville, Fla)	3.3 WNW;RR E	25	31 S6	80 oct.No sto.P-line E. Data unver.
Witt (Lake City, Fla)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
JACKSONVILLE	110.3	335	44	IM-	MM- ·-·- (0.66)	OM- – – (4.60)
					MMH-209 –·–·	OMH-251 –··–
				IM-	MM-	OM-
					MMK-	OMK-

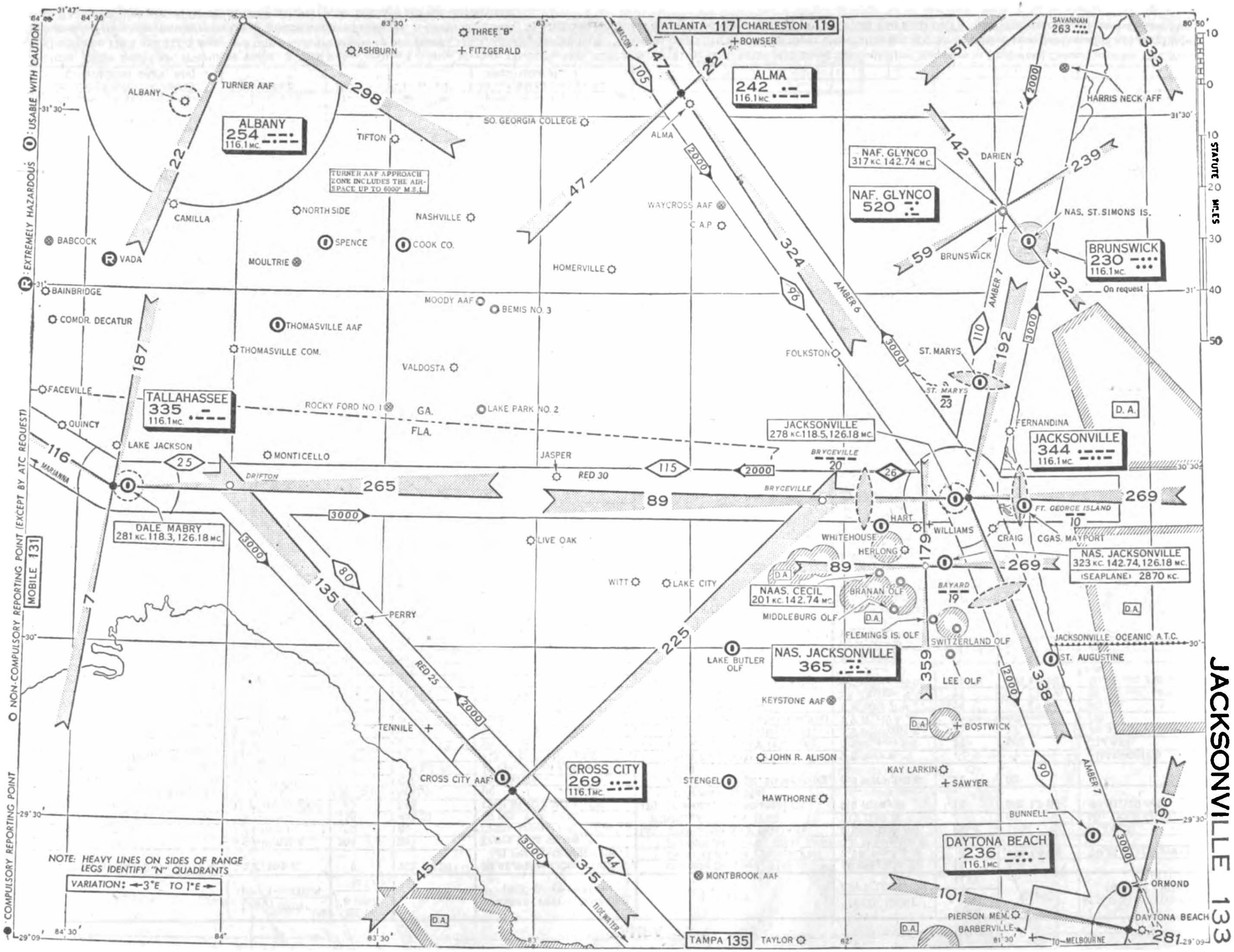
NEW FACILITIES

Cairo-Grady Co. (Ga)	3.3 ENE	245	21	Trees SW. W. Rough
→ Camilla (Ga)	1.4 NW;hwy S	180	21 S1	80 oct.P-line SW,trees NE.
→ Whitman Flgt Strip (Ga)	2.4 NW;pond 0.5 E	180	19 S1	80 oct.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and/guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ATLANTA 117 CHARLESTON 119
ALBANY 254 116.1 MC
ALMA 242 116.1 MC
BRUNSWICK 230 116.1 MC
On request
TALLAHASSEE 335 116.1 MC.
JACKSONVILLE 278 KC. 118.5, 126.18 MC.
JACKSONVILLE 344 116.1 MC.
DALE MABRY 281 KC. 118.3, 126.18 MC.
NAF. GLYNCO 317 KC. 142.74 MC.
NAF. GLYNCO 520
NAS. JACKSONVILLE 323 KC. 142.74, 126.18 MC. (SEAPLANE) 2870 KC.
NAAS. CECIL 201 KC. 142.74 MC
NAS. JACKSONVILLE 365
CROSS CITY 269 116.1 MC.
DAYTONA BEACH 236 116.1 MC.
TAMPA 135
MOBILE 131
ALBANY
TURNER AAF
ASHBURN
THREE "B"
FITZGERALD
BOWSER
SAVANNAH 263
HARRIS NECK AFF
SO. GEORGIA COLLEGE
TIFTON
ALMA
DARIEN
TURNER AAF APPROACH ZONE INCLUDES THE AIRSPACE UP TO 6000' M.S.L.
CAMILLA
NORTH SIDE
NASHVILLE
WAYCROSS AAF
C.A.P.
NAS. ST. SIMONS IS.
BABCOCK
VADA
SPENCE
COOK CO.
MOULTRIE
BRUNSWICK
HOMERVILLE
BAINBRIDGE
MOODY AAF
BEMIS NO. 3
COMDR. DECATUR
THOMASVILLE AAF
THOMASVILLE COM.
FOLKSTON
ST. MARYS
VALDOSTA
FACEVILLE
ROCKY FORD NO. 1
GA.
FLA.
LAKE PARK NO. 2
QUINCY
LAKE JACKSON
MONTICELLO
JASPER
RED 30
DRIFTON
MARIANNA
BRYCEVILLE
FERNANDINA
D. A.
HART
WHITEHOUSE
HERLONG
WILLIAMS
CRAIG
CGAS. MAYPORT
FT. GEORGE ISLAND
LIVE OAK
WITT
LAKE CITY
BRANAN OLF
MIDDLEBURG OLF
FLEMINGS IS. OLF
BAYARD
SWITZERLAND OLF
JACKSONVILLE OCEANIC A.T.C.
ST. AUGUSTINE
PERRY
LAKE BUTLER OLF
LEE OLF
KEYSTONE AAF
BOSTWICK
TENNILE
JOHN R. ALISON
KAY LARKIN
SAWYER
CROSS CITY AAF
STENGEL
HAWTHORNE
BUNNELL
MONTBROOK AAF
ORMOND
PIERSON MEM.
BARBERVILLE
DAYTONA BEACH
TO MELBOURNE
TAYLOR
TIDEWATER
AMBER 6
AMBER 7
RED 25
MACON
22
47
51
105
142
147
227
239
298
324
333
59
96
110
192
322
3000
2000
187
265
89
269
116
115
80
135
225
179
359
338
90
196
45
44
315
101
7
10
20
23
26
19
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 3°E TO 1°E →
O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
JACKSONVILLE 133

TAMPA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Whitted (St. Petersburg, Fla)	2.5 E; bay E	6	33h L3 S6	80,91,100 oct.Coast Gd.Stn adj Poles,stack NW,SW.
Altoona (Fla)	0.6 NW;RR E	155	25	Trees ends strips
Arcadia (Fla)	2 SE;hwy W	60	30	Trees around fld.
Avon Park (Fla)	1.5 W;RR E	156	40h S1	80 oct. Trees SE.
(A) Avon Park AAF (Fla) (A)	11 ENE;lake NW	65	54h	TMP INACT.NO FACS.
BANANA RIVER Navy Range(Fla)	524 (NPB)	106°,4.6	MRLZ	(3)
BANANA RIVER NAS Tower(Fla)	224 (142.74)		CN	(3); 142.74
(N) Banana River NAS (Fla)(N)	11 SE Cocoa	9	40h L5 S6	91 oct.No bcn Lgts on req.
Barberville (Fla)	1 SE;bet RR & rd	25	25	P-line E. UNUSABLE.
Bartow (Fla)	5.5 NE;RR NW	128	50h L5 S2	80,91 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct.Trees W.Poles SW.
(A) Brooksville AAF (Fla) (A)	7.5 SW;hwy E	70	70h	CLOSED.
Bunnell (Fla)	3.3 E	34	50h	
Cannon Mills (Orlando,Fla)	3.8 E;hwy N	105	41 S6	80 oct.No sto.
Carlstrom (Arcadia, Fla)	7 SSE;hwy N	56	53	
Cedar Keys (Fla) (NC)	1 W;bay S	6	24h	
Clearwater (Fla)	2.5 NE;hwy S	73	30 S6	80 oct. No sto.Trees W.
Cocoa (Fla)	1 N;RR E	20	26 L1	P-line E;trees S,W.
(A) Conners (Okeechobee,Fla)(A)	2.5 NW;RR S	34	50h	CLOSED.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) Daytona Beach (Fla)	2.8 SW;hwy S	34	41h L5 S6	80, 91 oct.
Deland (Fla)	2.5 NNE;hwy S	80	60h L5 S1	87, 91 oct.
Dorr (Arcadia, Fla)	11.5 E;hwy N	74	53	
DREW Tower (Fla)	278 (126.18, 118.5)		AC	(4); 126.18,118.5,122.5
(P) [Drew] (Tampa, Fla)	5 W;bay SW	26	70h L5 S6	80,91,100 oct.Rdo rec rqrd.
(A) Dunnellon AAF (Fla) (A)	4.5 E;hwy S	66	50h	CLOSED.
Ellenton (Fla)	1.5 NNW;RR N	18	15	P-line NE;trees SW.
Fette Aircraft Service (Fla)	2 S;RR E	19	50h L S6	80, 91 oct. No bcn.
Fort Pierce, com. (Fla)	3.3 SSE;RR E	18	26 L1 S6	80 oct. P-line W.
(P) Fort Pierce, mun. (Fla)	3.5 NW;hwy E	24	50h	
Frank D. Waterman (Eustis, Fla)	0.9 SSW;lake NNW	81	23 S1	80 oct. Poles SW,N,W.
Gilbert (Winter Haven, Fla)	3.5 NNW;lake W,E	135	40h S6	80, 91 oct.
Gray's (Leesburg, Fla)	5 N;RR,hwy W	130	27 S6	80 oct. Orange groves W.
Haines City (Fla)	1 NW	175	20 L1	
(P) Hendricks (Sebring, Fla)	6.5 ESE;RR N	62	50h	
Hidden Acres (Clarcona,Fla)	1.5 WNW;lake W	93	25 S6	80 oct. Trees E.
(A) Hillsborough AAF (Tampa,Fla)	7 NNE	67	50h	CLOSED (A)
Hoequist (Orlando, Fla)	3.8 SW;bet lakes	90	20 S4	80 oct. No sto.Trees E.
Honeymoon Island (Dunedin)	2.5 W		30	Data unver. (Fla)
Kerlin (Minneola, Fla)	0.5 NE	100	18 S2	80 oct.
(P) Kissimmee (Fla)	2 W; RR N	65	50h	
(A) Lakeland AAF (Fla)(A)	4.5 SW;RR NE	142	50h	CLOSED.
[Lakeland Mun. #1] (Fla)	2.1 N;lake E	159	35h L5 S6	80,91 oct.Ctc lgts on prior req. till 2400.
Lake Wales (Fla)	2.3 WSW;RR N	225	40h L3 S6	80, 91 oct.
(A) Leesburg AAF (Fla) (A)	4 ENE;RR SE	67	50h	CLOSED.
Ludwig Sky Harbor (St.Petersburg, Fla)	6 NE;bay E	14	33 L1 S6	80 oct.
MAC DILL Tower (Fla)	227 (126.18)+		CA (ILS-W)	(3); 126.18. ➧:00.20
(A) MacDill (Tampa, Fla) (A)	8 SSW;bay NE	9	100h L5 S6	73-100 oct.JP-1.No sto.
(N) Malabar OLF (Fla) (N)	7 WNW	27	40h	
MELBOURNE Range (Fla)	257 (OU)(116.1)	158°, 2.3	SBRAZ-DTV	(4); 116.1, 122.1
➙ Melbourne-Eau Gallie (Fla)	2.2 NW;RR E	26	43h L5 S6	80,91 oct. Lgts on req.
(A) Montbrook AAF (Williston, Fla) (A)	3.2 SSW;hwy E	70	70h	CLOSED.
➙ New Smyrna (Fla)	3 NNW;RR W	12	50h S6	80,91 oct.
ORLANDO Range (Fla)	206(OR)(116.1)	220°,3.4	BMRLZ-DTV	(3); 116.1, 122.1
ORLANDO Tower (Fla)	278 (126.18, 118.7)+		C	(4); 118.7,122.5,126.18
(A) Orlando AAB (Arpt)(Fla)	2.5 E;lake SE	115	55h L5 S6	91 oct;100 oct.mil.acft.No sto
Orlando Aviation Country Club (Winter Park, Fla)	1 NW;lake S	100	21 L S6	80 oct.Flood lgts prior req.P-line N.
Osceola (Sanford, Fla)	10 SSE;lake SE	25	40h	
Peter O.Knight (Tampa,Fla)	3.7S;bay S,E,W	8	40h L5 S6	80,91 oct.Shipyard NE.
Pierson Memorial (Fla)	0.5 N;hwy,RR W	70	21	
(A) Pinecastle AAF (Fla) (A)	3 ESE;lake NW	95	100h	CLOSED.
PINELLAS Tower (Fla)	317 (118.3)		CI	(4); 122.5 (8-24)
(P) [Pinellas Co. Master] (St. Petersburg, Fla)	9.5 N;bay N	12	50h L5 S6	80,91,100 oct.
Piper-Fuller (St. Petersburg, Fla)	4.8 WNW;RR E	21	32	
Plant City (Fla)	3 E;hwy N			ABANDONED
(A) Punta Gorda AAF (Fla) (A)	5 ESE;hwy SW	22	50h	CLOSED.
Robinson (Plant City, Fla)	1.5 WSW;RR E	110	18 S1	80,91 oct.P-line ESE.
(N) Roseland OLF (Sebastian,Fla)	1.7 W;riv N,E	23	40h	(N)
Ryan (Apopka, Fla)	1 N;lake NW	104	28 S6	80 oct.
➙ Sanford (Fla)	2.5 SE;lake N,S	57	60h L5 S6	80, 91 oct. Lgts on req.
(P) [Sarasota-Bradenton] (Sarasota, Fla)	3.5 NNW;hwy W	24	50h L5 S6	80,91 oct. Fld lgts prior req.
Sarasota, com. (Fla)	2.5 E;RR S	25	28 S1	80 oct.
Sebring (Fla)	4 SW;lake NE	200	20 S1	80 oct.Pwr line SW.
Showalter Arpk (Winter Park) (Fla)	1 E;RR S	91	24 S4	80 oct.
Skyland (Lakeland, Fla)	1.9 WNW;RR S	170	23 S6	80 oct.No sto.Trees S.
Skyport (Dunedin, Fla)	1.5 N;RR E	4	26 S6	80 oct.No sto.P-line NE.
TAMPA Range (Fla)(Peter O. Knight)	388(TM)(116.1)	55°, 2.7	SBRAZ-DTV	(4); 116.1, 122.1
(P) Taylor (Ocala)	1 SW;RR NE	72	40h L3 S6	80,91 oct.Lgts and ngt repairs on prior req.
(P) Titusville-Cocoa(Titusville)	6 S;riv E	35	50h L5 S6	80 oct. (Fla)
* Titusville Int,20,MM-AG(Fla)	1.3 NW;RR E	28	28 L3	
➙ Tomoka (Daytona Beach, Fla)	See Ormond under "New Facilities" – name changed.			
(N) Valkaria OLF (Melbourne,Fla) (N)	8 SSE;RR E	26	40h	
Venice, mun. (Fla)	0.5 SE;RR E	20	36 S2	80 oct.
VERO BEACH H Fac. (Fla)	359(VB)(116.1)		MHTV	(4); 116.1
[Vero Beach] (Fla)	1 NW;RR E	24	65h	
Wauchula (Fla)	2.1 E;riv W	120	21	Trees N,E,NE
Wimauma (Fla)	0.8 ESE;RR W	35	36	Cattle on fld. Bldg W
(P) Witham (Stuart, Fla)	1.5 SE;RR SW	17	50h L S1	80,91 oct. Lgts prior req.
(P) Zephyrhills (Fla)	1.5 ESE;RR W	92	50h	

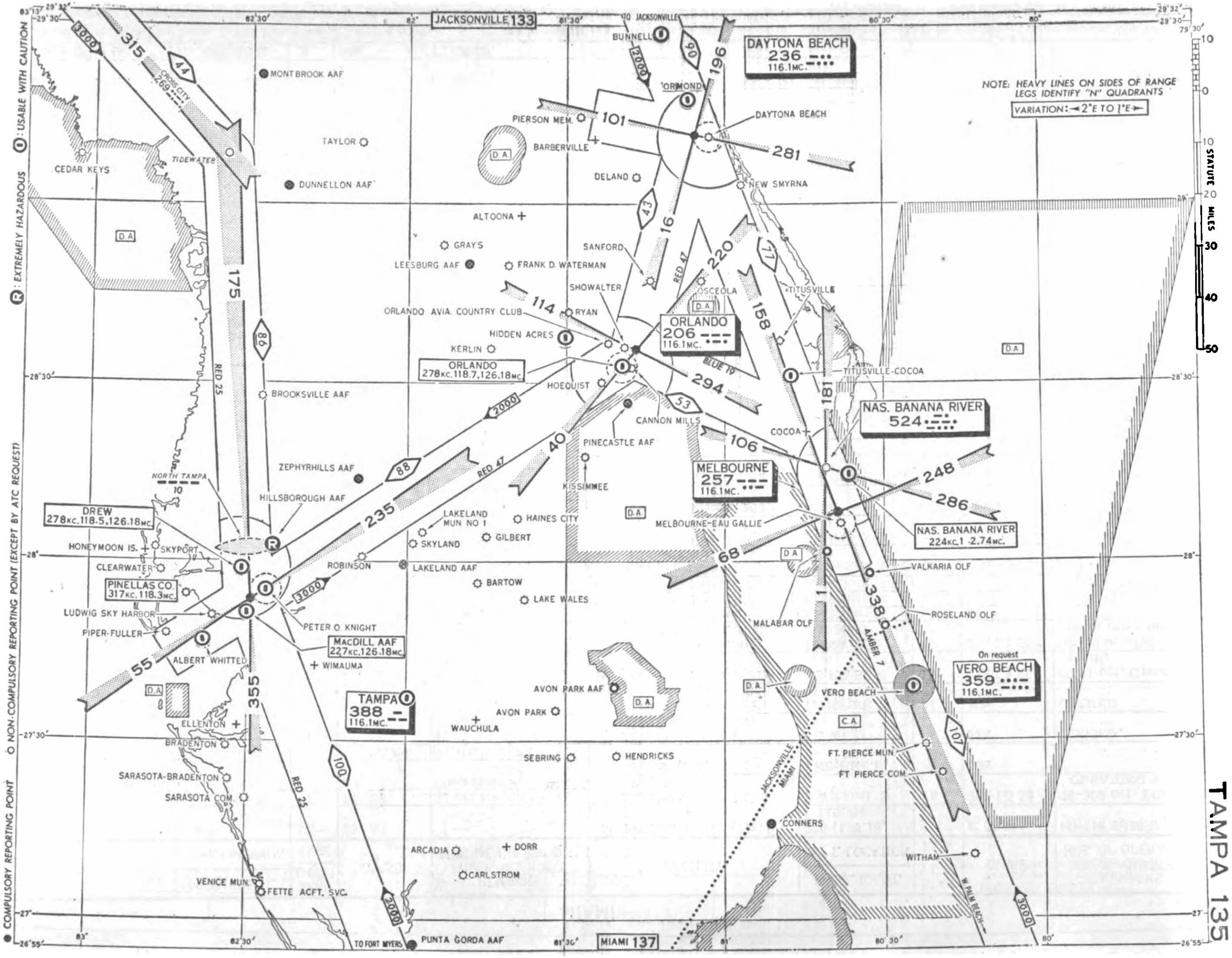
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MacDILL (A)	110.3	335	217°	IM- (0.07)	MM- ·····(1.09)	OM- – –(5.03)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

➙ Leesburg Aviation Center (Fla)	1 N;hwy W, lake E.	175	15h S1	80 oct.Trees W. Use rnwys only,Data unver.
➙ Ormond (Fla)	7.8 NW	29	40h	

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative ➧A.A.C.S.: Scheduled broadcast on 4765 kcs (first figure is scheduled time, second alternate time) h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII) ➙ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop.
N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


JACKSONVILLE 133
TO JACKSONVILLE
MIAMI 137
TO FORT MYERS
DAYTONA BEACH 236 116.1MC.
ORLANDO 206 116.1MC.
ORLANDO 278KC.118.7,126.18MC
DREW 278KC.118.5,126.18MC.
PINELLAS CO. 317KC.118.3MC.
MACDILL AAF 227KC.126.18MC.
TAMPA 388 116.1MC.
MELBOURNE 257 116.1MC.
NAS. BANANA RIVER 524
NAS. BANANA RIVER 224KC.1 -2.74MC.
VERO BEACH 359 116.1MC.
On request
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
STATUTE MILES
10 0 10 20 30 40 50
O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
MONTBROOK AAF
DUNNELLON AAF
CEDAR KEYS
TAYLOR
TIDEWATER
CROSS CITY 269
PIERSON MEM.
BARBERVILLE
DELAND
ORMOND
DAYTONA BEACH
NEW SMYRNA
ALTOONA
GRAYS
LEESBURG AAF
FRANK D. WATERMAN
SANFORD
SHOWALTER
ORLANDO AVIA. COUNTRY CLUB
RYAN
HIDDEN ACRES
KERLIN
OSCEOLA
TITUSVILLE
TITUSVILLE-COCOA
HOEQUIST
BROOKSVILLE AAF
CANNON MILLS
PINECASTLE AAF
COCOA
KISSIMMEE
ZEPHYRHILLS AAF
NORTH TAMPA
HILLSBOROUGH AAF
LAKELAND MUN. NO 1
HAINES CITY
GILBERT
SKYLAND
MELBOURNE-EAU GALLIE
HONEYMOON IS.
SKYPORT
CLEARWATER
ROBINSON
LAKELAND AAF
BARTOW
LAKE WALES
VALKARIA OLF
LUDWIG SKY HARBOR
PIPER-FULLER
PETER O. KNIGHT
WIMAUMA
ALBERT WHITTED
MALABAR OLF
ROSELAND OLF
AVON PARK AAF
AVON PARK
WAUCHULA
VERO BEACH
ELLENTON
BRADENTON
SARASOTA-BRADENTON
SARASOTA COM
SEBRING
HENDRICKS
FT. PIERCE MUN
FT PIERCE COM
JACKSONVILLE MIAMI
CONNERS
ARCADIA
DORR
CARLSTROM
WITHAM
VENICE MUN.
FETTE ACFT. SVC.
PUNTA GORDA AAF
W PALM BEACH
RED 25
RED 47
AMBER 7
BLUE 19
D.A.
C.A.

TAMPA 135

MIAMI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Belevedere (West Palm Beach, Fla.)	2 SW	17	25 S5	
Belle Glade (Fla)	1 NNE;lake W	17	27 S6	73 oct.No sto.Lgt acft.
→BOCA RATON AAF Tower (Fla)	396 (126.18)		CA	(3); 126.18
(A) Boca Raton AAF (Fla)(A)	2 NNW;canal E	13	64h L5 S6	73,100 oct. Twr SE.
Brown (Miami, Fla)	10 SW;RR NW	10	20 S6	80,91 oct. No sto. Trees E.
(A) Buckingham AAF (Fort Myers, Fla) (A)	10 E;riv SW	25	54h	CLOSED.
Chapman (Miami, Fla)	11.5 SSW	3	40 S6	80,91 oct. No sto. Pwr line W. RR W
→ Clewiston (Fla)	1.6 SW;RR N	19	30 S6	80,91 oct.P-line N,E,S, W.
(N) Forman OLF (Fort → Lauderdale, Fla)	See Ft. Lauderdale-Davie Arpt under "New Facilities" - name changed.			
→ Fort Lauderdale	See West Prospect Arpt under "New Facilities" - name changed.			
(N) Fort Lauderdale NAS (Fla) (N)	3.5 SSW;RR W	10	50h S1	100 oct. Fld avail. week-days prior req
FORT MYERS Range (Fla) (Page)	341(FM)(116.1)	38°,3.6	SBRAZ-DTV	(4); 116.1
(P) Homestead, mun. (Fla)	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Airfield (Fla) (A)	1.3 ENE;RR W	20	50h	CLOSED.
★ Immokalee Int, 13, TM-MM (Fla)	5.25 SE;RR SW	23	38 L2	
KEY WEST Range (Fla)	332(KW)(116.1)	70°,5.8	SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower (Fla)	396 (142.74)		CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane) Tower (Fla) (NC)	272 (142.74)		CN	3105;142.74 (prior req.)
(N) Key West NAS (Fla)(N)	7 ENE	5	70h L5 S4	91,100 oct.No sto.
Lake Worth (Fla)	2 W;hwy N	12	28 S1	80 oct.
MacArthur (Hollywood, Fla)	See Hollywood under "New Facilities"-name changed.			
Marathon (Fla)	1.8 ENE;hwy S	6	100h	
MASTER NAS Tower (Fla)	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master NAS (Miami,Fla)	8 NNW;RR W	9	74h L5	Pwr line SE. (N)
[Meacham] (Key West,Fla)	2.3 E;ocean S	4	40h S1	80,91 oct. ARPT OF ENTRY.
MIAMI Range (Fla) (International)	365(MM)(vhf)	270°,2.3	SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL Tower (Fla)	278 (126.18, 118.5)		AC	(4); 122.5,126.18,118.5
(A) [Miami International - AAF] (Fla)	5.5 NW;RR S	9	74h L5 S6	91,100 oct. JP-1. FEE 2-way rdo rqrd. ARPT OF ENTRY.
Miami Aviation Center (Miami, Fla)	7.5 NNE;bay E	8	25h S6	80,91 oct. No sto.
(N) Miami NAS (Fla) (N)	10.7 NW;canal N	9	60h	CLOSED.
(N) Miami OLF (Fla) (N)	7.9 NNW;RR E	9	36h	CLOSED
MORRISON Tower (Fla)	278 (126.18, 118.9)+		C (ILS)	(4);118.9,126.18,122.5
(A) Morrison (West Palm → Beach, Fla) (A)	2 W;canal S	18	70h L5 S5	73-100 oct. FOREIGN CLEARING STN.
Naples (Fla)	2 NE;RRs E, W	8	50h	
(N) North Perry OLF (Hollywood,Fla)(N)	6.3 W	9	32h	CLOSED.
(N) North Pompano OLF (Pompano, Fla)(N)	1.5 NE;RR W	21	40h	CLOSED.
(P) [Page] (Ft. Myers,Fla)	4 S;RR SE	18	51h L5 S6	80,91 oct. Ground traffic.
→ Palm Beach County Park (Lantana, Fla)	2 WNW;lake N, E	16	35h L5 S6	80-100 oct. Fld lgts on prior req.after 2300
Punta Gorda, mun. (Fla)	3 SSE;hwy E	4	24	
(N) Richmond NAS (LTA)(Fla)	15 SW Miami	13	20h	INACTIVE. (N)
→ Riddle (Clewiston,Fla)	7.6 W;hwy N			ABANDONED.
(P) South Dade County → (Homestead, Fla)	See Homestead Arpt under "New Facilities" - name changed.			
Sunny South (Miami,Fla)	6 N;hwy N	12	40 S6	80,91 oct. No sto. Rnwy data unver.
→ Tamiami (Miami, Fla)	12 W	8	35h S4	80,91,100 oct.No sto. P-line N,W. Data unver
WEST PALM BEACH Range (Fla) (Morrison)	209 (DWZ) (116.1)	89°,2.4	BMRAZ-DTV	(3); 116.1, 122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MORRISON (A)	110.3	335	90°	IM -	MM- ·····(0.61)	OM- ——(4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

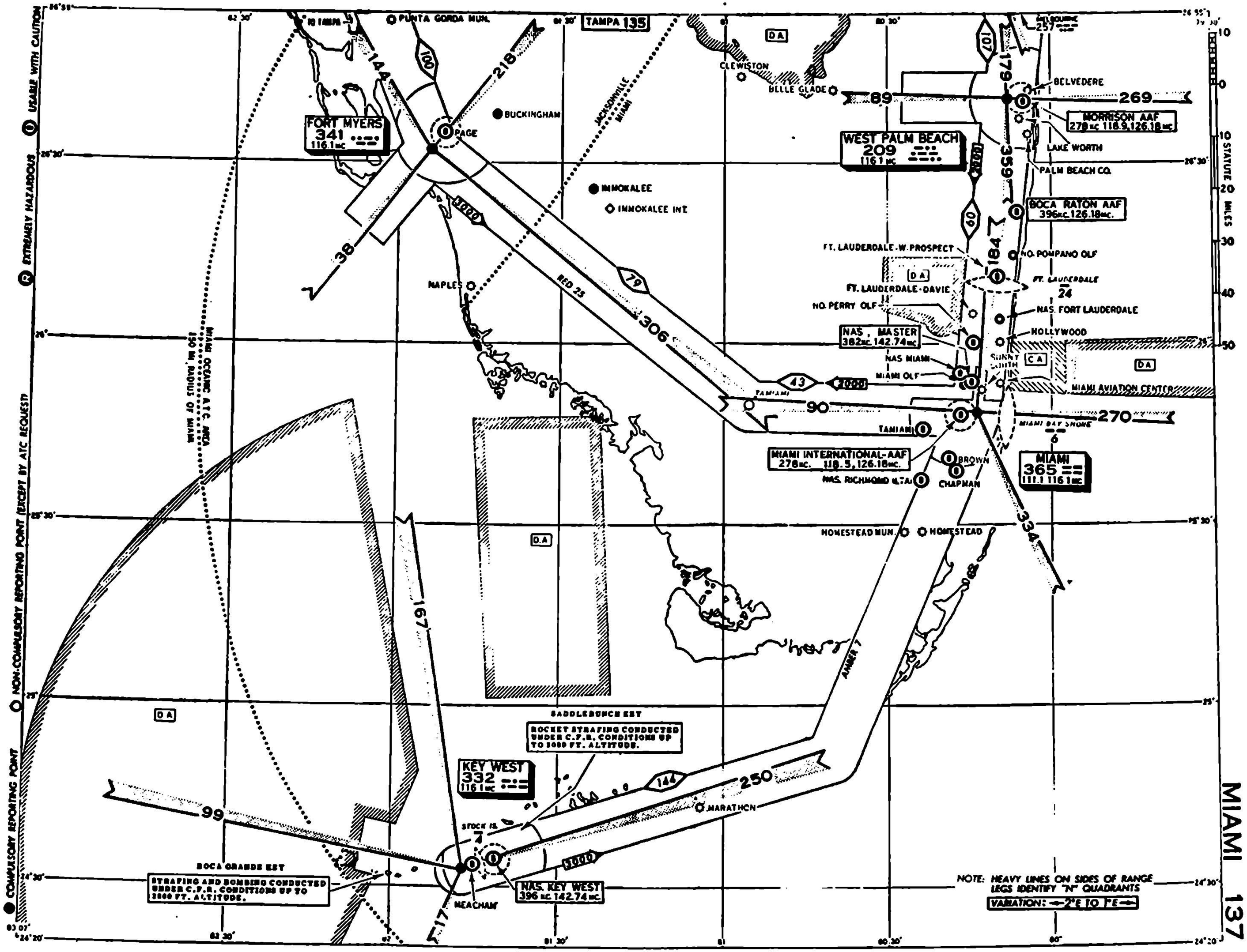
NEW FACILITIES

Ft. Lauderdale-Davie (Fla.)	6.5 WSW	7	32h S2	91 oct.
West Prospect (Ft. Lauderdale,Fla)	5.3 NNW	14	40h	Trees sur fld.
Homestead (Fla)	5 E	8	60h L5 S6	80,91 oct. Landing fee.
Hollywood Arpk Inc. (Fla.)	1 SW;RR E	12	23 S4	80,91 oct. Data unver.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


TAMPA 135
PUNTA GORDA MUN
FORT MYERS 341 116.1
PAGE
BUCKINGHAM
IMMOKALEE
IMMOKALEE INT
NAPLES
CLEWISTON
BELLE GLADE
WEST PALM BEACH 209 116.1
MELBOURNE
BELVEDERE
MORRISON AAF 278 116.9,126.18
LAKE WORTH
PALM BEACH CO.
BOCA RATON AAF 396 126.18
FT. LAUDERDALE-W. PROSPECT
NO. POMPANO OLF
FT. LAUDERDALE-DAVIE
FT. LAUDERDALE
NO. PERRY OLF
NAS. FORT LAUDERDALE
NAS, MASTER 382 142.74
HOLLYWOOD
NAS MIAMI
MIAMI OLF
MIAMI AVIATION CENTER
TAMIAMI
MIAMI INTERNATIONAL-AAF 278 118.5,126.18
BROWN
CHAPMAN
NAS. RICHMOND
MIAMI 365 111.1 116
HOMESTEAD MUN
HOMESTEAD
MIAMI OCEANIC A.T.C. AREA 150 NM. RADIUS OF MIAMI
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
SADDLEBUNCH KEY
ROCKET STRAFING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 3000 FT. ALTITUDE.
KEY WEST 332 116
BOCA GRANDE KEY
STRAFING AND BOMBING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 3000 FT. ALTITUDE.
MARATHON
STOCK IS.
MEACHAM
NAS. KEY WEST 396 142.74
AMBER 1
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
STATUTE MILES
MIAMI 137

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBMRL-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- -, - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMHW;276°,10.5	Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMHW;77°,11.0	Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN(GCA)	3105,4495;126.18,142.74
GLENDALE	371 (S)	MHW;97°,7.3	Burbank
GRAND CENTRAL (Glendale)	201	CI	(4); 122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CI	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV	(3);116.1,122.1
Long Beach Airport	347(126.18,118.5)	AC; 298°, 3.9	(4);122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317(142.74)	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV	(3); 116.1,122.1
		244°, 3.6	
Los Angeles Airport	272(126.18,118.9)	AC(ILS-W)	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR; 88°, 2.0	
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV;317°,0.1	(4); 116.1
ONTARIO AIRPORT	219(126.18,116.1)	CI	(4);126.18,116.1,122.5 (8-16)
SANTA ANA (Navy)	359(NTK)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req)
SANTA MONICA AIRPORT	353(126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	(3); 142.74 (flying hours)
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (730-1530,except Sat. & Sun)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LOS ANGELES,	109.9	333.8	247°	IM-	MM-	OM-	(2.45)
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

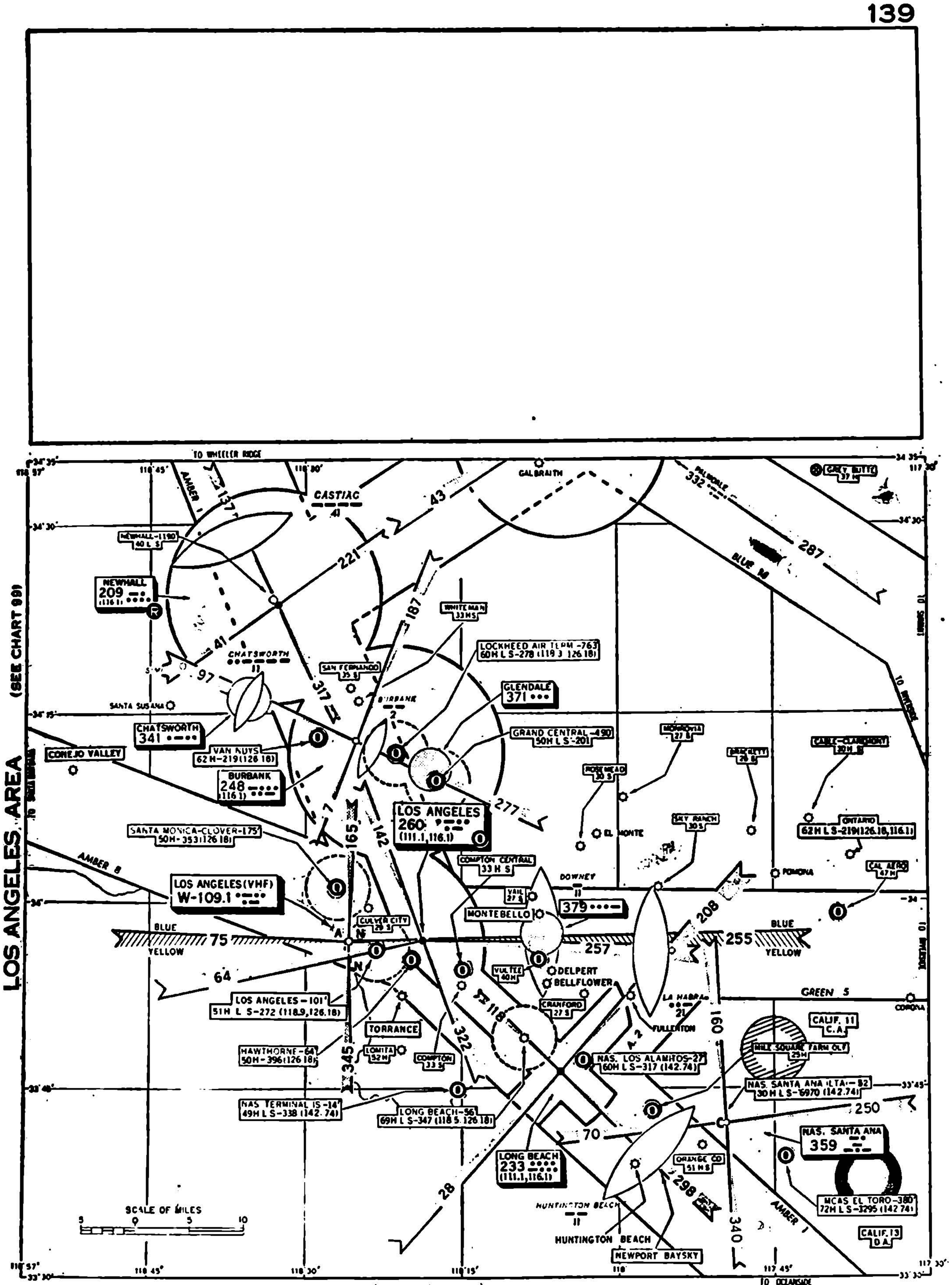
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys S,E	1010	26 S6	80 oct. Fence W.
Cable-Claremont	1.8 ENE;RR E	1400	30h S4	80,91 oct.
Cal Aero (Ontario)	5 SSE;hwy W	625	47h	Restricted to W.A.A.
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct.Rdo & instr rprs.Rnwy data unver.
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct.No sto.P-lines NE.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct.P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	21 S6	80 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana)(N)	5 SE,RR,hwy W	380	72h R1 L5 S4	100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct.Bet RR & river.
(A) Grey Butte (Victorville)(A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Garden-grove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54	17h	
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. Closed to Public.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(NG) LOCKHEED AIR TERM. (Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91 oct;100 oct Army. No sto. Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	100 oct.No sto.
(N) Los Alamitos NAS(Long Beach)	6 E: hwy N	27	60h R1 L5 S4	80,100 oct. NATS
(P) Los Angeles (N)	9.5 SW;RR E	101	51h R3 L6 S6	91,100 oct. Rdo rqrd..
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
Monrovia (N)	0.5 SE;RR S	500	27 S6	80,91 oct.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
Newhall Int,3A,LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb.(Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
(P) Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	53	51h S6	80-100 oct.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;riv S	775	20 S6	80 oct.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. No sto.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	52	30h R2 L4 S4	91,100 oct. No sto. Rnwy data unver.
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No bcn. Lgts prior req.
Santa Susana	0.5 S;RR N	955	19 S6	73 oct.No sto.Pwrline W.
Sky Ranch (Puente)	1.3 E;RR S	402	30 S4	80 oct. No sto.
(N) Terminal Isl.NAS(San Pedro)(N)	2 ENE	14	49h R1 L6 S4	80,100 oct
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct.Port rnwy lgts.Rdo rprs.
(NG) Van Nuys Metropolitan	2.8 NW;RR N	800	62h R1	Ltd 100 oct.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW.RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct.Pole line NNW,NE,SW.

NEW AIRPORTS


LOS ANGELES AREA
(SEE CHART 99)
TO WHEELER RIDGE
CASTIAC
41
GALBRAITH
PALMDALE
332
CAJON
NEWHALL-1190
40 L S
NEWHALL
209
(116.1)
CHATSWORTH
11
SAN FERNANDO
35 S
WHITE MAN
33 HS
LOCKHEED AIR TERM -763
60H L S-278 (119.3 126.18)
GLENDALE
371
BURBANK
SANTA SUSANA
CHATSWORTH
341
VAN NUYS
62 H-219(126.18)
GRAND CENTRAL -490
50H L S-201
CONEJO VALLEY
BURBANK
248
(116.1)
ROSEMEAD
30 S
MONROVIA
27 S
AZUSA
28 S
CABLE-CLAREMONT
30H S
LOS ANGELES
260
(111.1, 116.1)
SKY RANCH
30 S
EL MONTE
ONTARIO
62H L S-219(126.18, 116.1)
SANTA MONICA-CLOVER-175
50H-353(126.18)
AMBER 8
COMPTON CENTRAL
33 H S
DOWNEY
11
POMONA
CAL AERO
47 H
LOS ANGELES(VHF)
W-109.1
VAIL
27 S
MONTEBELLO
379
CULVER CITY
29 S
BLUE
YELLOW
75
64
257
208
255
VULTEE
40H
DELPERT
BELLFLOWER
CRANFORD
27 S
LA HABRA
21
FULLERTON
GREEN 5
CORONA
LOS ANGELES-101
51H L S-272 (118.9, 126.18)
TORRANCE
LOMITA
32 H
HAWTHORNE-64
50H-396(126.18)
COMPTON
33 S
CALIF. 11
C.A.
MILE SQUARE FARM GLF
25H
NAS. LOS ALAMITOS-27
60H L S-317 (142.74)
NAS. SANTA ANA (LTA)-82
30H L S-6970 (142.74)
NAS TERMINAL IS-14
49H L S-338 (142.74)
LONG BEACH-56
69H L S-347 (118.5, 126.18)
250
NAS. SANTA ANA
359
LONG BEACH
233
(111.1, 116.1)
ORANGE CO
51 H S
70
HUNTINGTON BEACH
11
HUNTINGTON BEACH
MCAS EL TORO-380
72H L S-3295 (142.74)
CALIF. 13
D.A.
NEWPORT BAYSKY
SCALE OF MILES
5 0 5 10
TO OCEANSIDE
TO SANTA MONICA
TO RIVERSIDE
TO SANTA ANA
AMBER 1
AMBER 8
BLUE
YELLOW
GREEN 5
137
43
221
187
41
97
317
165
142
277
287
BLUE M
64
118
322
345
160
340
298
28
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "B" QUADRANTS.
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS CARRY NO CLASS IN AIRPORT BOX

DETROIT – CLEVELAND – NORFOLK

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
→ Ann Arbor (Mich)	4 S	835	28 L3 S6	80 oct. NE blkd.
Bedford (Ohio)	2 NE;hwy W	1060	17 S2	73 oct.
Berz (Birmingham,Mich)	1.5 E;RR SW	700	32 S2	80,91 oct. N blkd
Big Beaver (Mich)	0.8 E;hwy W	650	21 S6	80 oct. Pwr line N.
Brooklyn (Cleveland,Ohio)	5.5 SW;RR S	780	26 S2	73 oct.
Burns (Detroit, Mich)	8.5 WSW;RR N	625	19 S6	80 oct.SW blkd.P-lineN
Chagrin Falls (Ohio)	3 E;hwy SW	1220	23 S4	80 oct.P-line N.
Chagrin Harbor (Willoughby, Ohio)	2.5 NNW	620	22 S6	80 oct.P-line W.
→ Chardon (Ohio)	2.8 S	1230	22 S4	80 oct.P-lines sur fld.
CLEVELAND Range (Ohio)	344(CV)(116.1)	100°,0.7	SBRAZ-DTXV	(3);116.1 Use strips.
CLEVELAND Arpt. Range	278		MLW	(Ohio)
CLEVELAND Tower (Ohio)	278(126.18,118.3)		AC (ILS-W)	(4);118.3,126 18,122.5
(A) [Cleveland] (Ohio)	8.5 SW;riv W	785	60h L6 S6	73,80,91,100 oct.JP-1. FEE.ARPT OF ENTRY
Cumberland(Portsmouth)	7.5 SSW		28 S4	80 oct.Data unver.(Va)
DETROIT H Fac. (Mich)	201 (D)	329°,2.2	MHW	Detroit City Airport.
→ DETROIT CITY Tower	278 (118.5)		C	(4); 122.5
→ [Detroit City] (Mich)	5.5 NE;RR S	625	53h L4 S6	80,91 oct.Fee,com acft.ARPT OF ENTRY P-line N.
DETROIT NAS Tower(Mich)	269 (142.74)		CN	(3);142.74 (8-17)
(N) Detroit NAS (Mich)(N)	17 SSW	594	47h L5 S6	91,100 oct.P-line E.
ELYRIA H Fac. (Ohio)	219 (S)	280°,10.9	FMHW	Cleveland
Elyria (Ohio)	1.6 SSW;bet RRs	745	27 S4	80 oct.Poles SSE,S.
Euclid Ave.(Willoughby Ohio)	1.5 WSW;RR N	640	26 S6	80,91 oct.P-line S,hi-line N.
(N) Fentress NAAS (Va)(N)	2.5 ESE;hwy N	16	25h	CLOSED.
Ford (Detroit, Mich)	8.8 SW;RR N	600	37h	PRIVATE.
(P) Franklin (Va)	1.7 NE	38	30h	
Garner's (Windsor,Va)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk,Va)	4.5 E;RR S	18	24	Twrs,pole-line SW.
Gridley (Ypsilanti,Mich)	4.4 WSW;RR NW	840	24 S5	80 oct.Pole E;woods N
Hance (Wyandotte,Mich)	2.5 W;hwy N,E	590	28 S6	80 oct. N blkd.
Hartselle Air Terminal (Wayne, Mich)	3.5 NW;RR E	675	18 S6	80 oct.P-line E;trees ENE,W,WSW,WNW.
→ Joy (Detroit, Mich)	13 NE;RR W	616	24 S6	80 oct. Trees SW.
Krist-Port (Farmington, Mich)	3.8 N;jct rds	860	27 S6	80 oct.Obsts sur fld.
LANGLEY Army Range (Va)	221(DLY)(116.1)	102°,3.8	SBMRAPZ-DTV	(3); 116.1
LANGLEY Tower (Va)	278 (126.18, 116.1)+		CA (GCA)	(4); 126.18
(A) Langley Field (Va) (A)	3 N Hampton	10	70h L5 S6	73,91,100 oct. JP-1.
Lorain City (Lorain,Ohio)	2.8 W;RR N	610	31 S4	80 oct.P-line NE,SE.
Lorain Skyport (Lorain, Ohio)	2.5 W;lk N	610	29 S4	80,91 oct.P-line S,SE. SW corner unusable.
Lost Nation (Willoughby, Ohio)	3 N;lk NW	626	40 S6	80,91 Rnwy data unv. oct.Obsts sur fld. Rnwy data unver.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
McEnnan (Ypsilanti,Mich)	2.7 SSW;rd E	738	23 S4	80 oct. Road S.
McKinley (Fraser,Mich)	1.3 NW;RR E	620	27	P-line E, NE
Mettetal (Plymouth,Mich)	1.5 SSE;RR E	700	23 S6	73,80 oct.Poles N,W
Mid City (Hudson,Ohio)	2 S;RR S	1080	31 S4	80 oct. Poles W,NW
Milan (Mich)	3.8 SW,RR SE	705	23 S2	80 oct. P-line N
(N) Monogram NAAS (N)	2.8 W;riv W	21	45	INACT.(Drivers,Va)
Nan-Bar (Flat Rock,Mich)	0.7 ENE;RR N	590	28 S6	80 oct.Smudge pots prior req.Data unver
Nat'l Fly.Svc.(Detroit,Mich)	11.5 WSW,RR N	635	29 S4	80 oct.Poles NE,NW
(N) Newport OLF (Mich) (N)	3 W;hwy E	608	20h	
NORFOLK Range (Va)	239(NW)(116.1)	44°,3.3	SBMRLZ-DTV	(3); 116.1
NORFOLK Tower (Va)	269 (126.18, 118.3)		AC	(4); 122.5,126.18, 118.3
[Norfolk] (Va)	5 ENE;RR SE	22	50h L5 S4	80, 91 oct.
NORFOLK Navy Range (Va)	356 (NGU)	276°,2.9	BMRLZ	(East Field)
(N) Norfolk NAS (Chambers)	7 N;rd N	13	26h	CLSD.Use E.Fld.(N)
NORFOLK NAS Tower (East)	323 (142.74)		CN(GCA)	(3); 142.74
(N) Norfolk NAS (East)(Va)(N)	6 N;RR SW	15	43h L5 S6	91,100 oct NATS.
NORFOLK NAS Tower (Seapl)	2870		CN	2870 (7-17 and on req)
OCEANA NAAS Tower (Va)	3295 (142.74)		CN	3105,4495;142.74 (745-1830)
(N) Oceana NAAS (Va) (N)	1 SW;RR N	20	60h L5 S4	91,100 oct.No bcn.
Ortner (Wakeman,Ohio)	4 NNE;RR S		26 S1	73 oct. Data unver
Peninsula (Hampton,Va)	2 WSW;RR N	12	26 S4	80 oct.
Pungo (Va)	0.8 NE	15	25h	
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116.1
Roseville (Mich)	0.5 S;hwy W	610	31 S6	80 oct.SE,SW blkd.
Sky Haven (Northfld,Ohio)	2.5 SSE;RR NE	1040	25 S4	73,80 oct.Pwr line W,S
Solon (Ohio)	1.1 SSE;RR NE	1034	24 S6	73,80 oct.P-line W,SE
South Norfolk (Norfolk,Va)	6 SSE		36 S4	Fuel. Data unver.
→ Stinson (Wayne, Mich)	1.4 SW;RR E	664	25h	PRIV. P-line NNE
Tecumseh (Mich)	1.8 NNE;riv SW	815	26 S6	80 oct.P-lines S,W blkd
Triangle (Plymouth,Mich)	1.5 ESE;hwy S	700	26 S4	80 oct. 30' poles N.
* Vermilion Int,28,CG-LG	3.7 SW;RR N,S	610	24 L3	N,SE,S,NW blkd.(Ohio)
Virginia Beach (Va)	4.5 W;RR N	15	42 S4	80,91 oct.P-line N. Data unver. Hwy N.
Ward (Bedford, Ohio)	1.5 S;RR E	980	20 S6	80 oct.
Waverly (Va)	2.5 NW;RR SW	115	17 S2	80 oct.Trees,brush
Warren (Mich)	1.6 WNW;RR E	625	23 S1	73 oct.P-line N sur fld
→ Washtenaw (Ann Arbor, Mich)	5 W	867	26 S2	80 oct.Hi-line S.Data unver.
(NG) Wayne Co(Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct.1-ech.maint. NG.ARPT OF ENTRY
Willoughby (Ohio)	1.2 E;RR NW	700	22 S6	80 oct.P-line sur fld.
WILLOW RUN Tower (Mich)	332 (118.7)		C (ILS-W)	(4); 118.7
(P) Willow Run (Ypsilanti)	4 E;RR N	715	74h L5 S1	90,100 oct.Rdo rec rqrd
WINDSOR Range (Ont.,Can)	353 (QG)	243°,3.3	SBRAZ-T	(4) (Mich)

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CLEVELAND	109.9		54°	MM–	OM– — — (4.75)
				MMH–	OMH–
WILLOW RUN			50°	MM–	OM–
				MMH– 341 — (0.65)	OMH– 359 • — • (5.80)

NEW FACILITIES

(P) Suffolk(Va.)	3.8 SSW;RR E	66	50h	

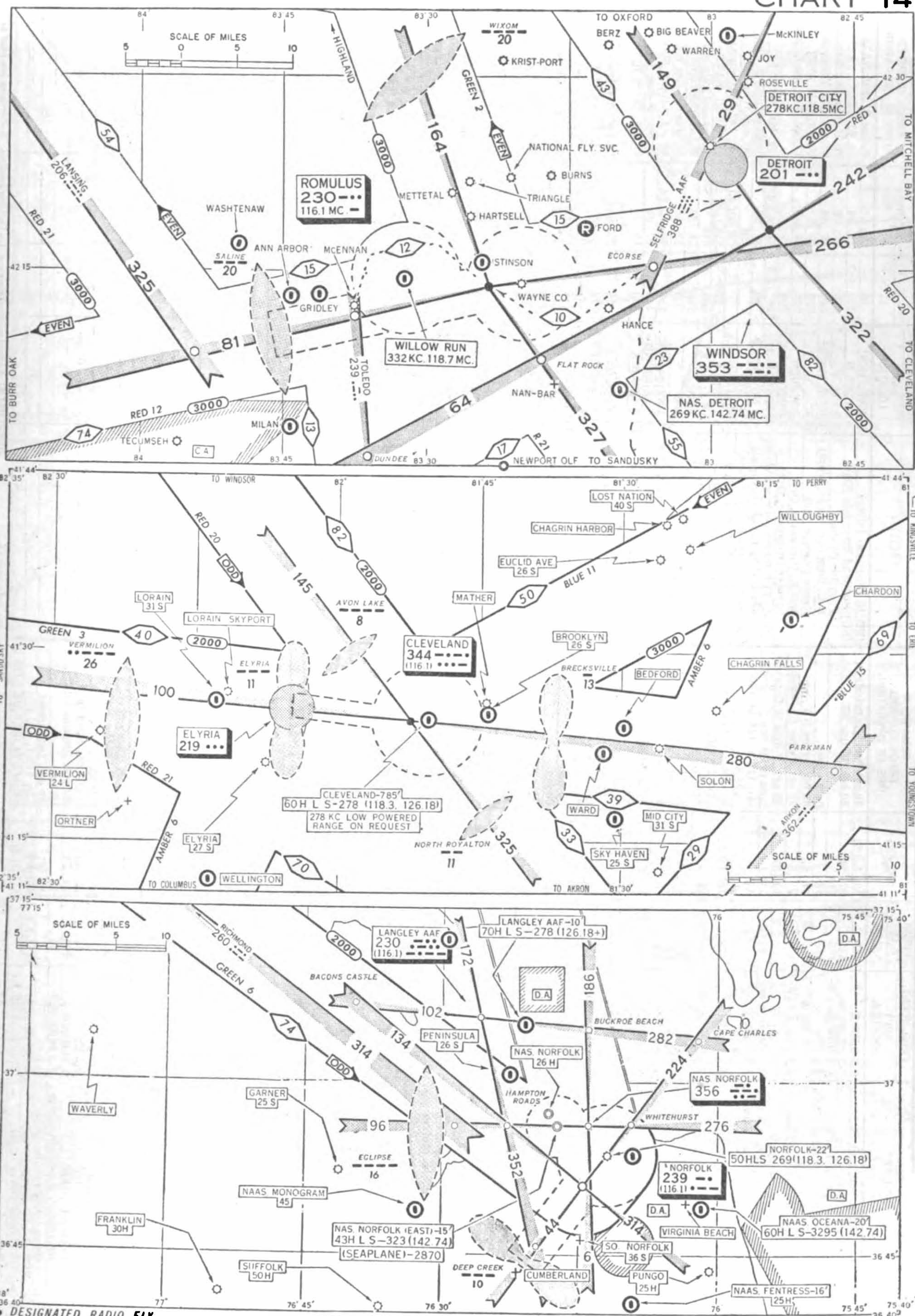
RADIO: S–Simul. Range and Voice. W–Without Voice. Z–VHF Range Station Location Marker. (3)–3105, 4495, 6210 kcs. (4)–3105, 4495, 6210, 2117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)–Voice on 116.1 and 111.1 mcs. +–Army A.C.S. transmits on and guards 116.1, 127.65, 140.55 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) a–Guarded only when associated tower inoperative.

AIRPORTS: h–hard surfaced runways. L–Lighting facilities. S–Servicing (see page XIII) →New or revised data. (Jones)–Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

CHART 141

DETROIT AREA

(SEE CHART 33)



• DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'A' QUADRANTS.

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

SEATTLE – PORTLAND – INDIANAPOLIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ace (Anderson, Ind)	3.5 S;RR E	875	33 L S6	80 oct.Port lgts prior req.
Anderson (Ind)	3.5 SE;RR W	875	27 S6	80 oct. P-line NE.
(P) Aurora Flight Strip (Ore)	1.6 NNW;hwy W	196	41h	
➔ Apex Arpk (Silverdale, Wash)	1.5 WSW	550	16	Data unver.
Bargersville (Ind)	1 NNE;RR W	701	27 S2	80 oct.Trees N.P-line E,W
Barrys Sky Harbor (Tacoma)	2.3 ENE;riv SW	4	21 S3	80 oct.P-line E (Wash)
Beck (Zionsville, Ind)	5 NE;crk W		14 S2	80 oct. P-line W.Data unver.
Boeing-Renton (Renton,Wash)	0.9 NW;lake N	32	54h L5	Lgts prior req.
BOEING Tower (Seattle, Wash)	278 (126.18, 118.3)		AC	(4): 118.3, 126.18, 140.1, 122.5
(P) [Boeing](Seattle, Wash)	6 S;riv SW	15	75h L5 S6	80-100 oct.No sto.ARPT OF ENTRY.
Brightwood (Indianapolis,Ind)	3.7 NE;rd S		44 S4	80 oct. Data unver.
Brownsburg (Ind)	1.5 SSE;RR N	650	26 S2	80 oct. P-line S.
Canby (Ore)	0.5 NNW	150	17 S1	80 oct. Pwrline NE,SW.
City View Arpk (Tacoma,Wash)	4.5 NE	350	18	P-line SW.
Crawfordsville (Ind)	4.5 SSW	850	38 S4	80 oct. Hwys E, W.
Delaware (Muncie, Ind)	3 WSW;hwy N		27	Pwrline E. Data unver.
Dwyer Landing Fld.(Portland, Ore)	7 SE;RR NW	200	16	Obsts ENE.WSW.Ditch around strip.
Enumclaw (Wash)	1.5 WSW;hwy E	740	20 S2	Ltd 80 oct. Pwrline E.
Farmers (Greenfield, Ind)	9 NW		26 S2	73 oct. Data unver.
Forrest Grove (Spanaway,Wash)	1.8 E;RR E	340	30 S6	80 oct.
Franklin Flying Fld. (Ind)	4 S	745	22 S6	80 oct.
G & C (Anderson, Ind)	1 N	875	30	Data unver.
Green Acres (Mulino, Ore)	1.9 SSW;RR W	269	18 S4	73,80 oct.No sto.Obst SSE.
Greencastle (Ind)	8 SE		23 S2	80 oct. Data unver.
(P) Greenfield Inc. (Ind)	1.9 ENE;RR S	910	30 S6	80 oct. P-line S.
Groves (Camas, Wash)	2.8 N;hwy E	350	16 S1	Ltd 80 oct. Lake SW.
➔ Himes (Ladoga, Ind)	4 NW	870	16 S1	80 oct.P-line N.Data unver
Hoosier-Park (Ind)	4 WNW;hwy N	740	26 S6	80,91 oct.P-line NE.
Howell Brothers (Rushville,Ind)	2 SE;hwy SW	965	13 S4	91 oct. Bldgs SW.
Huffman Air Svc. (Selma, Ind)	0.8 SE;RR N	1000	19 S6	80 oct. Obsts sur fld.
INDIANAPOLIS Range (Ind)	266(ID)(116.1)	82°, 3.2	SBRAZ-DTV	(3); 116.1
INDIANAPOLIS Tower (Ind)	278 (126.18. 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
(P) [Indianapolis] (Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct. Exper lgtg.
Kent (Wash)	1.5 SSW;riv N	30	30 S6	80 oct.
Kitsap Co. (Bremerton,Wash)	8 SW;hwy NW	482	50h L5 S6	80,91 oct.Lgts on req.No sto
➔ Lake Arpk (Bellevue, Wash)	3.5 SSE;	35	21h S2	Data unver. On lake shore
Lakewood (Tacoma, Wash)	7.5 SSW;RR E	243	22 S1	80 oct.Trees ENE,WSW.
Lapel (Ind)	1 NE		13	Rough. Data unver.
Lebanon (Ind)	1 S;RR N	925	16 S4	80 oct. Trees SW.
Lizton (Ind)	1 SE		25	Data unver.
Loy (Plainfield, Ind)	0.5 S;RR W	873	20 S6	80 oct, E,SE blkd.
Martinsville (Ind)	2 W		10	Data unver.
McCHORD Army Range (Tacoma)	272 (DTA)	26°, 1.7	BMRL	
➔ McCHORD Tower (Wash)	396 (126.18)+		CA (ILS-W) :45,05	(3); 116.1, 126.18
(A) McChord (Tacoma,Wash)(A)	7 SSW;lake SE	285	59h L5 S6	73,91,100 oct.JP-1.FOREIGN CLEARING STN.
Mecco (Danville, Ind)	0.5 W		13 S2	73 oct. Data unver.
Mercer (Seattle, Wash)	9.5 E	345	22h S6	80,91 oct.Rdo rprs.Rnwy data unver.
Milroy Int,5,CC-CG (Ind)	5.5 ESE	1034	27 L3	
Moore (Zionsville, Ind)	12 NW		14 S1	80 oct. Data unver.
New Castle Western (New Castle, Ind)	2.3 NW;hwy E	1080	24 S2	80 oct. P-line N,SE. NW blkd.
New Castle (Ind)	3.2 E;hwy N	1040	29 S6	80,91 oct.N,NE blkd.
Noblesville (Ind)	1 SE;RR N	801	24 S1	80 oct. Pwrline ESE.
Northern Tacoma (Puyallup)	1.3 N;RR N,S	20	19	(Wash)
Owen (Mooresville, Ind)	4 E		31 S1	80 oct. Data unver.
PORTLAND Range (Ore)	332(PD)(vhf)	171°,3.1	SBRAZ-DTV	(3); 116.1, 122.1
➔ PORTLAND Tower (Ore)	278(126.18,118.3)+		AC (ILS)	(4);142.74,122.5,118.3,126.18
(NG,N) [Portland] (Ore)	5 NNE;riv N	19	55h L6	P-line W,lgtd. NATS.
(NG) Portland Birdsdale (Ore)	8.5 E;RR N	220	23 S6	80, 91 oct.
Puyallup (Wash)	6 S;hwy W	520	45 S6	80,91 oct.Rnwy data unver.
R.C. Sugg (Orchards, Wash)	3.6SSE;hwy S	310	26 S6	80 oct.6.8 E Vancouver.
Reese (Muncie, Ind)	4 E	950	19 S2	80 oct. Data unver.
R.O.K. (Gresham, Ore)	2.2 W;RR S	285	26 S5	73 oct. Pwrline E, ENE.
Schuler (Woodburn, Ore)	2.8 WNW;RR E	208	29	
SEATTLE Range (Boeing)(Wash)	260(SA)(116.1)	296°, 2.8	SBRAZ-DTXV	(3); 116.1, 122.1
Seattle Sky Ranch (Issaquah)	1.6 NNW;hwy S	50	25 S6	80,91 oct.Hill S. (Wash)
SEATTLE Navy H Fac. (Wash)	532 (WN)		MH	(4) cont.
SEATTLE NAS Tower (Wash)	230(142.74)		CN (GCA)	(3); 142.74 (8-sunset)
(N) Seattle NAS (Wash) (N)	6.5 NNE;lk E	37	51h (L6) S6	91,100 oct. NATS.
Seattle-Tacoma (Seattle,Wash)	10.5 S; RR E	405	61h	Trees and hills sur fld.
Shank's (Indianapolis, Ind)	5 WNW	740	28 S6	80 oct. Data unver.
Sheridan (Ind)	2.5 N	700	23 S6	80,91 oct.P-line W.Data unver.
(P) Sky Harbor (Indianapolis,Ind)	7 ENE;hwy S,E	730	26 L S6	80 oct.P-line E,S,SE
Sky Park (Oregon City, Ore)	2.7 SE;RR NW	440	27 S6	80 oct. P-line S.
South Port Orchard (Port Orchard, Wash)	7.5 SSW;lk S	350	19 S4	80 oct. Trees N, S.
Spanaway Acft Co.(Spanaway)	1.2 SSE;RR S	375	25 S6	80,100 oct.P-line S.(Wash)
Sportsman Arpk (Newberg,Ore)	1 E;riv SW;RR N	173	23 S2	Ltd 80 oct.Trees NNE.
STOUT Tower (Ind)	396		CA	4495 (9-18)
(A) Stout AAF (Indianapolis,Ind)(A)	5.5 WSW	714	45h L5 S1	73,91,100 oct.
➔ Suco Arpk (Shelbyville,Ind)	0.7 SE;RR NE	800	23 S2	80 oct.P-line E.Data unver
Tacoma (Wash)	4.4 W;hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk (Tacoma,Wash)	2.9 WSW;RR E	250	20 S4	80 oct.Sharp drop W edge
Vancouver (Wash)	1 SE	26	19 S6	Ltd 80 oct. fld.
Vancouver, mun. (Wash)	6.7 ENE	240	26 S1	80, 91 oct. Hwy W.
Wells (Milwaukie, Ore)	1.3 NE;RR W	158	17 S1	80 oct.
White Cloud (Greenwood,Ind)	1.6 SW;hwy E	800	25 S4	Fuel Data unver.
Yorktown (Ind)	1 S		22 S1	80 oct.Obsts E.Data unver

INSTRUMENT LANDING SYSTEMS

(Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INDIANAPOLIS (L6)	109.9 ·· –·–	333.8	44°	IM-	MM- ·–·– (0.89)	OM- ––(4.3)
					MMH-201 –··	OMH-219 ··
McCHORD (A)	109.9	333.8	337½°	IM- (0.24)	MM- ····· (0.85)	OM- ––(4.44)
					MMH-	OMH-
PORTLAND	109.9 ·– ––··	333.8	113°	IM-	MM- ·–·– (0.52)	OM- ––(4.81)
					MMH-	OMH-219 ····
➔ SEATTLE-TACOMA	110.3 (W)	335	338°	IM-	MM- ·–·– (0.65)	OM- ––(4.6)
					MMH-	OMH-

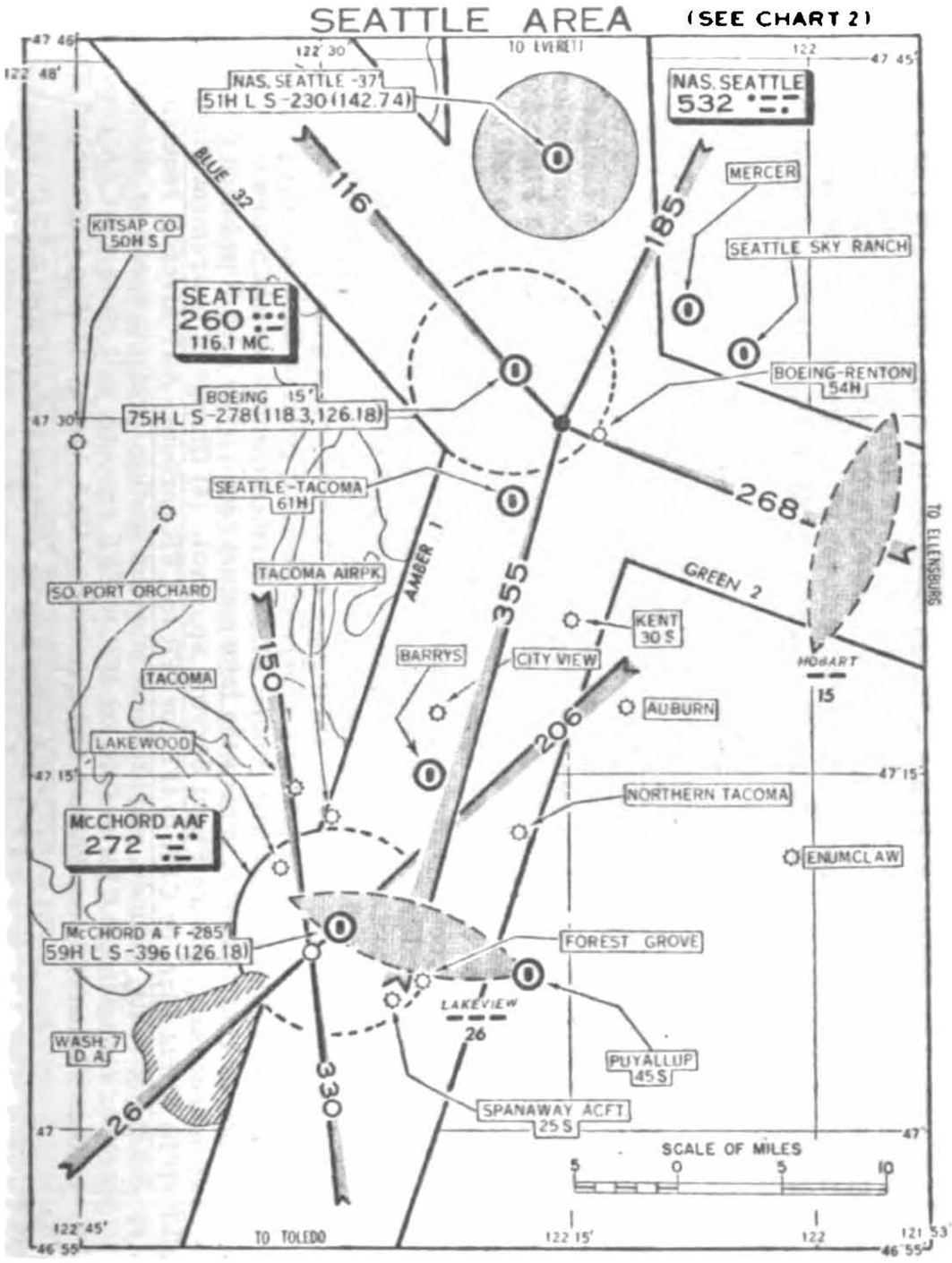
NEW FACILITIES

Bernard (Beaverton,Ore)	1.4 NNW;RR S	208	18 S6	80, 91 oct.
Columbia Co.(Scappoose,Ore)	1.2 NE;RR W	55	40h L S6	80 oct.Port rnwy lgts.P-line
Hillsboro (Ore)	2.4 ENE;RR S	200	41h L5 S6	73,80 oct. N,NW

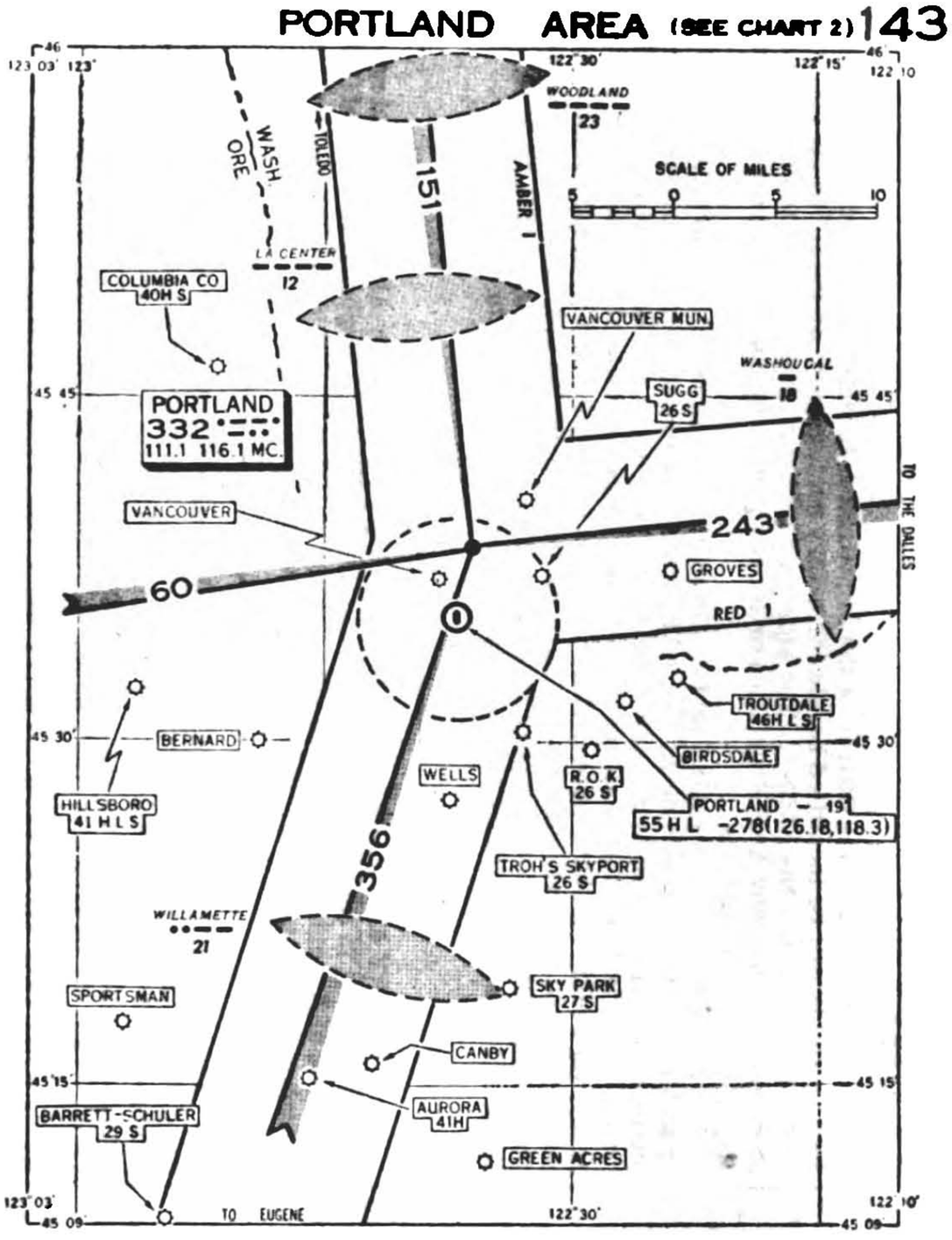
RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 127.65, 140.55 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ⋆ – Guarded only when associated tower inoperative.

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) ➔ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

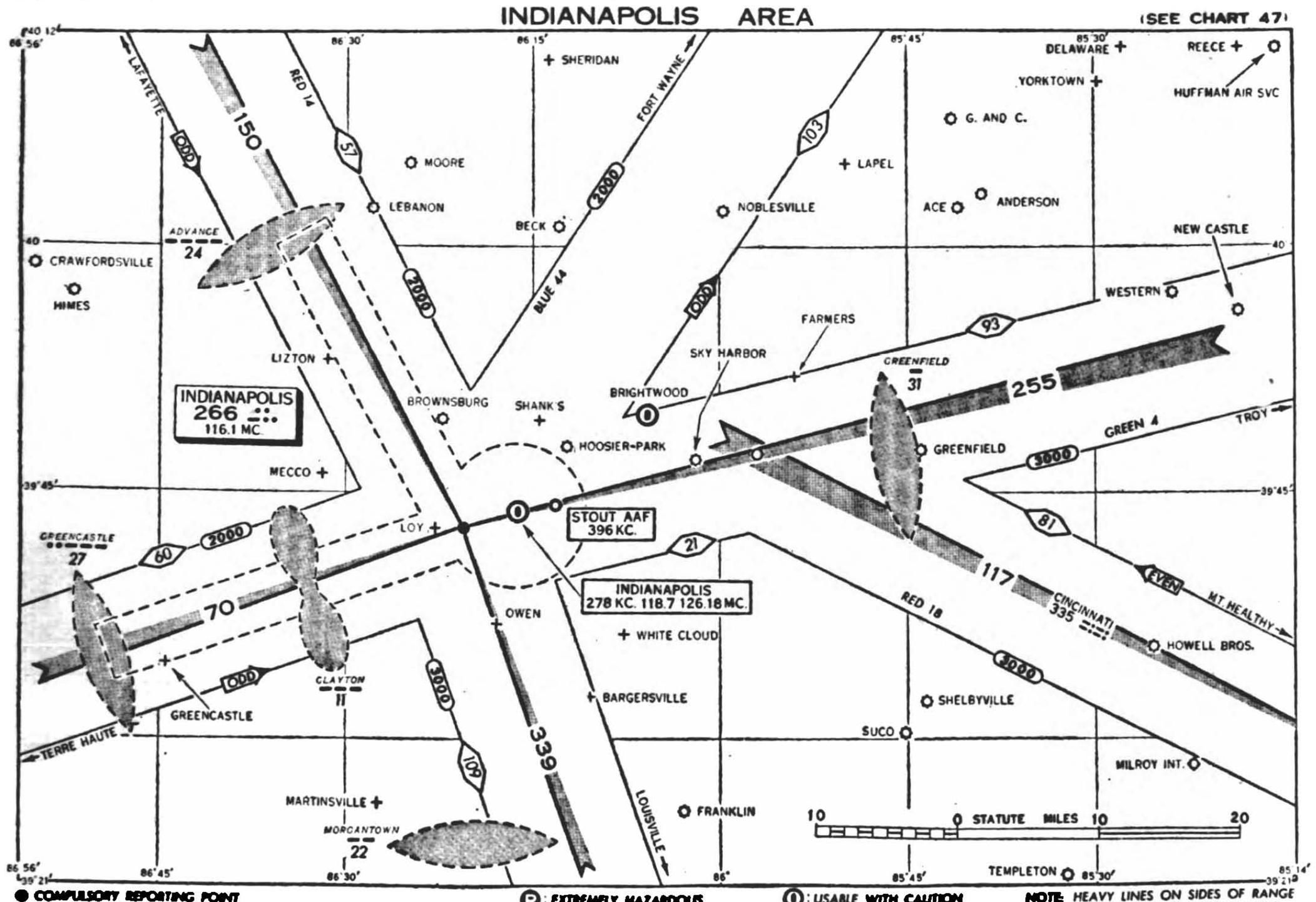
SEATTLE AREA (SEE CHART 2)



PORTLAND AREA (SEE CHART 2)



INDIANAPOLIS AREA (SEE CHART 47)



● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS

Ⓞ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

ARMY DATA: Advice covering Army fields or Army opers.on civil flds, or Army rdo facs, and also Air National Guard flds and facs. should be forwarded to Commanding General, ATC, Attn.: Flight Operations Div., A-3. Requests for approval of the closing of Army arflds or restrictions in arfld facs to trans.mil.acft for over 10 days should be forwarded to the same address for submittal to Hdqs AAF, as rqrd. Restrictions in Air Nat'l Guard Flds or facs will be forwarded to the N.G. Bureau thru the State Adjutant Gen'l for approval. That Bureau will forward approved restrictions to the above address for publishing. Information to be published will be coordinated and submitted to the C.A.A.

NAVY FACILITY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/ground communications facilities, instrument approach procedures and navigational aids, should be directed to: THE DIVISION OF AIR NAVIGATION, HYDROGRAPHIC OFFICE, WASHINGTON 25, D.C., for transmittal to the C.A.A. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946 , approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF Regulation 85-2. The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 85-2 and AAF Regulation 85-2A, which state in part: "Except for those Army aircraft assigned to civil contractors or agencies under bailment contract, no Army aircraft will utilize civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Government, except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major air command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks section of AAF Form 23 that competent authority authorized use of such fields and will be transmitted in Remarks section of the flight plan as 'authorized flight'. All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters 'A, N, or P' in the Airman's Guide. It is the responsibility of the various air forces, major air commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation".

(2) Official Business: Within the meaning of AAF Regulation 85-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units or organizations at or near the airfield selected for landing for the purpose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

(3) Policy of Army Use of Temporarily Inactive Airfields. (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein (directory section only) by the following notice: "ARMY TEMP INACTIVE - CIVIL FACS." (b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned. Such airfields will be identified herein (directory section only) by the following notice: "TEMP INACTIVE - NO FACS". The aforesaid policy statement is not to be construed as countermanding any AAF Regulation or letters governing command use of municipal airports or Army airfields.

4. "CLOSED" Army Air Fields: Under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF, from time to time certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed as "CLOSED". Such as, (a) Fields closed to all transient traffic except on official business or in emergency; (b) Fields that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by the WAA. The listing "CLOSED" will appear in the directory section only. Airfields so designated will be used on official business only under written orders in each case.

MILITARY AND NAVAL LANDINGS IN NEWFOUNDLAND: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or val Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Field, Fla., Washington National Airport, D.C., or Westover Field, Mass. ALASKA - McChord Field, Wash., or Great Falls AAF, Mont. BERMUDA - Mitchel Field, N.Y.; Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. CANADA - Great Falls AAF, Mont.; McChord Field, Wash.; Washington National Airport, D.C.; Selfridge Field, Mich.; or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif.; Kelly Field, Tex; or Morrison Field, Fla. CARIBBEAN - Morrison Field, Fla.; or Kelly Field, Tex. ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C., and Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

PILOT PROCEDURES WITH FLIGHT SERVICE USING AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases. No change References: AAF Regulations 15-23 and 60-22. (2) Departure from non-AAF Bases. AAF aircraft departing from non-AAF bases will file a complete flight plan with, and secure approval from the nearest Flight Servi ce Center prior to takeoff, or as outlined in AAF Regulation 60-22. Communications with a Flight Service Center may be established by direct telephone to the center; or by a radio call to the nearest AAF Base or AACS Airways radio station. After obtaining the Flight Service approval, pilots contemplating flight under Instrument Flight Rule conditions will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA directly through CAA Communications facilities. If CAA Communications facilities are not available, however, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute. AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of Instrument Flight Rule (IFR) Flight Plan, or CFR to IFR, or IFR to CFR enroute. AAF aircraft requiring a change of route, altitude, point to first intended landing, cruising speed or alternate airport, or change from CFR to IFR or IFR to CFR enroute, will contact a CAA communications station for coordination and approval by CAA Airway Traffic Control and Flight

Service. If communications with CAA communications station cannot be established, AACS Airways radio station will be contacted for coordination and approval by CAA Airway Traffic Control and Flight Service. (5) CFR Position Reports. When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS Airway radio stations enroute and receive any necessary advisories from Flight Service (6) IFR Position Reports. When flying under IFR conditions, pilots will first make position reports to CAA communications stations as heretofore required by Civil Air Regulations and then to AACS Airways radio stations enroute, and receive any pertinent Flight Service Advisories. (7) Voice Calls. AACS Airways radio stations will be called by the location name followed by the word "airways" such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An index of AACS Airways Stations within the U.S., together with a listing of the assigned frequencies, may be found on pages 94 and 95 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service	
A	116.10 mc.	CAA AIRWAYS (RANGE STATIONS)	* AACS Airways (Plan 62)
B	126.18 mc.	CONTROL TOWERS	
C	137.88 mc.	AACS AIRWAYS (PLAN 62)	* Control Towers
D	140.58 mc.	MILITARY EMERGENCY & GCA FINAL APPROACH CONTROL	

*Available for service indicated on a secondary basis.

(9) It will be some time before all AAF aircraft are equipped for operation on AACS Airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS Airways frequencies will contact airways stations whenever possible rather than AAF control towers. (10) The following list of telephone numbers will be used for contacting military Fli ght Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington; Pittsburgh; New York; Boston	Olmsted Flight Service Center Middletown, Pa.	Steelton 93387 Steelton 93470
Jacksonville; Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4871
Memphis; New Orleans; Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery LD 89
Cleveland; Cincinnati; Detroit; Chicago; St. Louis	Wright Flight Service Center Dayton, Ohio	Osborn 88691, 88692
Fort Worth; San Antonio	Fort Worth Flight Service Center Fort Worth, Texas	Ft. Worth 77251
Denver; Minneapolis; Kansas City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 Denver LD 117
Los Angeles; Albuquerque; El Paso	March Flight Service Center Riverside, Calif.	Riverside 7107, 7108
Oakland; Salt Lake	Hamilton Flight Service Center Hamilton Field, Calif.	San Rafael 770 San Rafael LD-20
Great Falls; Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD 20 Tacoma LD 21

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

CLEARANCE OF AAF AIRCRAFT IN NEW YORK CITY AREA: In accordance with Army Air Forces Letter 63-9, of April 24, 1947, the following instructions will govern the clearance of Army Air Forces aircraft to and from the New York City Area (encompassed by a 25-mile radius from the southern tip of Manhattan)

(a) FLIGHTS INTO THE AREA: AAF aircraft flying into the area may be cleared for any authorized field therein, but will in all cases secure in-flight approval from Flight Service by contacting Mitchel Airways prior to proceeding to the field of destination. AAF Form 23 will indicate a flight plan to the field of destination via Mitchel Field Mitchel Airways will secure Flight Service approval of further clearance to other fields in the area under the conditions listed below only. If further clearance is refused, aircraft will land at Mitchel Field or at any other authorized field outside the area.
(1) CFR. When the ceiling is at least 2000' and the visibility is 3 miles or more.
(2) IFR. (a) When the visibility is not less than 1 mile and the ceiling is unlimited.
(b) When the visibility is not less than 2 miles and the ceiling is not less than 5000'.
(b) FLIGHTS OUT OF THE AREA: AAF aircraft departing from the area from fields, other than Mitchel, will be cleared subject to the conditions listed above for CFR and IFR clearances. AAF aircraft engaged in regularly scheduled transport flights under the operational control of the Air Transport Command are exempted from the above restrictions.

SELECTION OF WEATHER ALTERNATES BY ARMY PILOTS: In accordance with policy stated by the Comm.Gen'l, Army Air Forces April 7, 1947, Army pilots are not to be refused IFR clearance because of selection of other than "A, N, or P" fields as an alternate. The selection of an alternate airport is a planned procedure to be resorted to in case of emergency and any suitable airport, military or civilian, wi ll be accepted for clearance purposes. Concerning this policy, it is pointed out that pilots who do utilize other than "A, N, or P" fields under such circumstances may be called upon to justify their use of same.

VHF CHANNEL ASSIGNMENTS:

Following are Army assignments:

Channel	Frequency
A	116.1
B	126.18
C	137.88
D	140.58
G	137.70
H	134.10
U	108.3
V	108.7
W	109.1

Following are Navy assignments:

Channel	Frequency
1	116.1
2	140.56
3	126.18
4	128.70
5	143.28
6	134.64
7	143.64
8	142.02
9	142.74
GUARD	140.58

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

NO AIRCRAFT LANDINGS TO BE MADE IN NATIONAL PARKS: The Department of Interior has issued the following regulation: ". . . No person shall land aircraft on land or water, on any Federally-owned area within any national park or monument, except for emergency rescue in accordance with the directions of the officer in charge of the park or monument or where such landing is caused by unforeseeable circumstances beyond the control of such person, other than at one of the following designated landing areas: (a) Mount McKinley National Park, Alaska. (1) McKinley Park Station Airport; (2) The surface of Wonder Lake. (b) Death Valley National Monument, Calif. Death Valley Arpt.; (c) Glacier Bay National Monument, Alaska. (1) Gustavus Point Airport; (2) The waters of Bartlett Cove, Sandy Cove, and Icy Strait in the vicinity of Gustavus Point Airport. (d) Jackson Hole National Monument, Wyo. Jackson Airport. (e) Boulder Dam Recreational Area, Ari z. and Nev. (1) Boulder City Mun. Airport; (2) The entire surface of Lake Mead".

OLD PILOT CERTIFICATES MUST BE EXCHANGED: All pilot certificates issued prior to July 1, 1945, will expire July 1, 1947. Such certificates may be exchanged for new-type certificates at any time prior to their expiration date.

PERSONAL POSSESSION OF PILOT CERTIFICATE: No person shall pilot a civil aircraft within the U.S. unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

PART 43 OF C.A.R. REVISED: (1) Section 43.51 has been amended to read as follows: "43.51 Requirements for first solo. A student pilot shall not operate an aircraft in solo flight until: (a) he has passed a written examination on pertinent provisions of Part 43 and those of Part 60 dealing with contact flight rules; (b) he has been found competent by a flight instructor to make such flight and authority therefor has been endorsed by such instructor on the student pilot certificate, and (c) he has been given instruction in recovery from stalls and spins, if such solo flight is made in a spinnable aircraft.

(2) Paragraph (b) of Section 43.52 has been repealed

NOTICE TO ALL FLYING PERSONNEL: Because of the increase in aircraft operations, both civil and military, in recent months, the number of complaints regarding airplane noise nuisance has reached such proportions that the advancement of aviation and development of new airports are in danger of being severely retarded. To reduce the number of such complaints, it is requested that the following practices be put into effect by all fliers: (1) Discontinue all unnecessary low flying. (2) When weather and traffic volume permit, increase altitudes of all traffic patterns that require flight over inhabited areas. (3) Re-route channels of approach and departure to avoid residential and business districts whenever possible. (4) If the airport is located near inhabited areas, reduce power and increase pitch of propellers as quickly as possible during take-off so as to keep engine and propeller noises at a minimum. (5) Keep rpm's set at a minimum required operational setting when low flying over populated areas is necessary.

RADIO TELEPHONE-OPERATION AUTHORIZATION: This is the simple way in which an authorization to operate a radio telephone transmitter in an aircraft is obtained: the applicant appears in any of the Federal Communications Commission field offices, or before any CAA flight examiner of the CAA, who has been designated by the FCC to issue the permits, proves he is a United States citizen, that he has need of such an authorization, and that he understands the few simple rules and regulations. He is given a card granting the authorization then and there. FCC offices are listed under U.S. Government in phone books, and there are some 30 of them throughout the country. Mostly, they are in downtown offices. There are more than 1,000 CAA designated flight examiners. Mostly they are located at airports. The "examination" if it may be so described, consists of a few questions establishing the ability of the applicant to transmit and understand spoken messages in English, and to understand the simple rules governing the use of such equipment. He is al so given simple, printed instructions for its use.

NEW PRIVATE FLIER VHF FREQUENCIES: All CAA Communications Stations and Towers are discontinuing receiving watches on 131.7 and 131.9 mcs. as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs for transmission to CAA Communications Stations and 122.5 mcs for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs. but the communications stations program is not fully effective yet because of non-receipt of the new receivers.

CAA Communications Stations normally reply to itinerant aircraft on the voice feature of the range, low frequency or VHF, whichever is applicable. Replies are made on 111.1 mcs if VHF reply has been requested on other than range frequency. CAA airport control towers will reply to itinerant aircraft on one of the frequencies 118.3,118.5,118.7, or 118.9 mcs in addition to tower's low frequencies. See individual data pages in AIRGI for inclusion of these frequencies as commissioned.

U.S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour (which are the scheduled broadcast times) to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it i s suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmission.

✓ COAST GUARD DIRECTION FINDING SERVICE: The Coast Guard Jupiter, Fla. Radio Direction Finding Station was discontinued May 1, 1947. There is no Coast Guard Direction Finding Service in this area.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Revised arrival, departure, holding, instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area. Non air carrier pilots proposing instrument flight through this area or to or from Newark, Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, New York, for copies of applicable Operations Letters describing these procedures.

✓ AIRPORT APPROACH AND TRAFFIC ZONES: Effective May 13, 1947, all Airport Approach Zones were abolished and all Airport Traffic Zones revised to normally circular areas of 3 or 5 mile radius. The new revised areas are depicted on the Guide charts.

AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: Correct "TO-08-15-1", dated April 24, 1947, pages 98 and 99, X-Band Radar Beacon List, as follows: by showing the geographical position for Morrison Field as 26-41-12 N, 80-05-36 W; by showing Patuxent River, Md. with operating agency of USN rather than USCG; by showing geographical coordinates for Grosse Ile, Mich. as 42-06-00 N, 83-10-00 W; by adding the following X-band radar beacon station: Location: Moffett Field, Calif., Geographical position: 37-25-00 N, 122-02-48 W, Code: 2-1-1, Operating agency: USN, Operating hours: Cont., Remarks: Altitude 210' at field; by showing Folly Island, S.C., and Whidbey Island, Wash. X-band radar beacons as temporarily discont.; by showing operating agency for Patuxent River, Md. X-band radar beacon as USN; page 94, by deleting reference to page numbers 58-60 for information re Fort Dix; pages 94 and 95 by showing Great Falls AAF, Mont., and Wold-Chamberlain Field, Minn. as operating on 2862 kc voice.

, page 98, by deleting Cape May, N.J.

Correct "TO-08-15-3", Cheyenne Chart, by showing the procedure turn to the N of the W leg rather than to the S as now published.

Correct U.S. Army Air Forces Pilot Handbook, by removing Page AL-447-A, instrument low approach chart for Westover Field, February 14, 1947.

Correct Portland Aeronautical Sectional Chart dated October 26, 1946, by relocating Aurora Flight Strip, Oregon (at lat. 45-15, long. 122-47) to the E side of the highway.

Weather Reporting Location	Type of Report		Lat.	Long.	Elev.	Effective Date
Phoenix, Ariz. (Luke Field)	SW	Closed				
Oak Island, N. C.	SW	Closed				
Mt. Washington, N. H.	Pibal	Discont.				
Council, Idaho	SW	Estab.	44°44',	116°25'	2973'	
Charleston, S. C.	Rawin	Begun	32°54',	80°02'	48'	
Houlton, Me.	6-hourly	Opened	46°07',	67°48'	476'	
Lebanon, N. H.	Hourly	Re-opened	43°48',	72°19'	570'	4-25-47
Dunkirk, N. Y.	Hourly	Re-opened	42°30',	79°17'	675'	4-25-47
Danville, N. Y.	Hourly	Re-opened	42°35',	77°43'	686'	4-25-47
Tylertown, Miss.	Hourly	Re-opened	31°04',	90°04'	395'	4-28-47
Brookville, Pa.	Hourly	Re-opened	41°09,	79°06'	1407'	
Tonopah, Nev.	Hourly	Re-opened	38°04',	117°05'	5400'	5-1-47
Fallon, Nev.	Hourly	Re-opened	39°25',	118°41'	3934'	5-1-47

NOTE: Hourly, in lieu of supplementary weather reports now available from Houlton, Me. and Montpelier, Vt., effective April 25, 1947, and from Stockton, Calif., effective April 10, 1947.

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage in the "Airman's Guide, full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields, and before taxiing and taking off, should be on the alert for, and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest or Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons indicate suspension of CFR traffic.

AIRPORT AND RADIO NOTICES

LEGEND

** - New or revised airport, danger areas, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

FOREIGN DATA

SPECIAL NOTICES

FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, U.S. CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES, CANADIAN REGULATIONS, FLIGHT INTO PANAMA CANAL ZONE: These procedures and regulations were all incorporated into the Flight Information Manual, Volume 1, No. 2, dated Jan. 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the Airman's Guide.

CAUTION ADVISED IN USE OF GUATEMALA-HONDURAS AREA AERONAUTICAL CHARTS: Flight checks have revealed that elevations indicated on Gulf of Fonseca (710) Aeronautical Chart covering the Guatemala-Honduras-Nicaragua Area, dated Dec. 1946, are as much as 4300 feet too low. This chart base is being thoroughly rechecked and a new chart will be issued as soon as possible.

TRANSMISSION OF INTERNATIONAL NOTAMS: Effective May 10, 1947, the transmission of International Notams to Service A circuits by WSY, New York was discontinued. Offices desiring receipt of this material should obtain receiving drops on the Service O system.

AFRICA-Dakar Weather Broadcast: Effective 0820Z GCT, March 24, 1947, station WFG commenced broadcasting Dakar METAR hourly at 20 minutes past each hour on 3285 kcs., A1 emission.

BERMUDA-Somerset NAS Radio Facility: Somerset, Bermuda NAS transmissions air ground CW 3285 kcs. were discontinued April 3, 1947.

BRITISH WEST INDIES: Goat Island, Jamaica Coast Guard Radiobeacon: The Coast Guard Radiobeacon at Goat Island, Jamaica, has been discontinued.

Kingston, Jamaica, Montego Bay Airport: Montego Bay Airport is a British-controlled airport now under limited operation by Pan American Airways. It is necessary for all flights departing from Montego Bay for points in the U.S. to file flight plans with the Kingston ATC through the Kingston Communications Station - call letters MRX. Flight plans also must be filed for all flights departing from U.S. for Montego Bay. They may be filed for transmission to Montego Bay through the CAA-operated Overseas Foreign Aeronautical Communications Station at Miami - call letters WBR, or New Orleans - call letters WEK.

Kingston, Jamaica, Palisadoes Airport Facilities: The Palisadoes Airport is a British Government controlled airport. The Government controlled tower transmits on 397 kcs only, and guards 2870, 3105, and 6210 kcs. It is necessary for all itinerant flights coming to Palisadoes to file Flight Plans from point of departure to the Communications Station at Kingston - call letters MRX. This Flight Plan should be marked for Information: Palisadoes Airway Traffic Control. The route frequency of 6515 kcs. A3 emission is guarded at MRX. They have a good signal on this frequency and can be read consistently throughout the day and night in the Caribbean Area. Flight Plans may be filed for transmission to Palisadoes through the CAA operated Overseas Foreign Aeronautical Communications Station, WBR, Miami.

Trinidad Naval Communications with Commercial Aircraft: Effective March 24, 1947, and until further notice, Trinidad NAS guards 6515 kcs. voice continuously, transmitting and receiving, for communications with commercial aircraft.

Trinidad, Carlsen Field-Edinburgh (North): Runway closed to all Navy traffic except in emergency. Use Xeres (South) rnwy.

CUBA: Guantanamo Naval Communications with Commercial Aircraft: Effective March 24, 1947, and until further notice, Guantanamo NAS guards 6515 kcs voice continuously, transmitting and receiving, for communications with commercial aircraft.

GREECE: Hassani Airport, Athens, Greece Radio Call: Effective April 30, 1947, call sign WWJC replaced Army call sign WUQW on all circuits formerl y using call signs at this station.

MEXICO: Mexican Entry Fees: At Mexican Airports of Entry, charges include an overtime fee of 30 pesos after 12 noon for Immigration Inspection and a fee based on a full day's wage for each inspector involved for each 3 hours of overtime or fraction thereof after 2 P.M. for a Customs Inspection. Charges may also be made for a Customs guard to watch the plane and for the taxi fare to bring inspectors to the field after 12 noon. In American money total fees may approximate $15 to $20.

PUERTO RICO: San Juan Naval Communications with Commercial Aircraft: Effective March 24, 1947, and until further notice, San Juan NAS guards 6515 kcs voice continuously, transmitting and receiving, for communications with commercial aircraft.

San Juan Pre-Flight Clearances: San Juan Civil Air Terminal (U.S. Naval Air Station), Isla Grande Airport, San Juan, Puerto Rico - All civil operations at San Juan Air Terminal were assumed by the Puerto Rico Transportation Authority effective 0000 local time, March 4, 1947. Advance authority must be obtained for landings at this airport prior to the commencement of any flight. Address requests to Airports Division, Box 3508, San Juan, Puerto Rico. Cable address is "Autoritan".

San Juan, P.R., Losey Field: May 1, 1947, Puerto Rico Transportation Authority took over the operation of Losey Field at Ponce. Operations at this field are restricted except in emergency to the southernmost 150' of the E/W runway - several bad holes on the northern half. NW/SE runway closed. Field available to daylight CFR operations only. (4-25)

DOMESTIC DATA

[redacted]

ALBERTVILLE ARPT-SW side of strip soft, rough and washing. Soft in spots in wet weather. (4-29)
ANNISTON ARPT-Ends of strips soft in wet weather. (4-29)
BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans acft. (1-9)
BATES FLD (MOBILE)-RADIO: About May 18, CAA twr will operate 24 hrs. daily.
BIRMINGHAM ARPT-Closed to civil acft not equipped with operating rcvr. No landings on sodded areas. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling rnwys. No maintenance. (3-21)
**BREWTON (OLD)-ARPT-ABANDONED.
BROOKLEY FLD (MOBILE)-RADIO: Effect. Apr. 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Soft-use rnwys, taxi strips only. (4-23)
CENTRE ARPT-NNW/SSE strip closed. N side E/W strip rough in wet weather. Avail. lgt acft only. (4-29)
CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Bndry lgts inop.(11-12)

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DANNELLY FLD (MONTGOMERY)-NE taxi strip closed (parked acft)(8-12)
EUTAW ARPT-Use NW/SE strip only. (4-17)
★GUNTER FLD (MONTGOMERY)-RADIO: Army twr now transmits on 201 kcs., 126.18 mcs. (4-29) FLD: Use rnwys only. Sod areas adj rnwys and taxi strips soft. Use Maxwell Fld for trans svcg. (1-10)
HARTSELLE ARPT-Graded area rough. Soft when wet. Use W side of strip. (2-3)
HUNTSVILLE ARPT-Sod strip rough at rnwy crossings. Ngt approaches use ctn-hills NE, S, E. (4-29)
MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel rnwys. (10-17)
MOBILE-RADIO: About May 18 stn will discontinue guard of 3117.5 kcs. (5-8) Stn gds 3117.5 kcs 0001 to 0800 daily. (4-21)
MOTON FLD (TUSKEGEE)-Soft spots after heavy rains. (2-18)
NAPIER FLD (DOTHAN)-Avail. civil acft in emerg only. Obst lgt atop 175' water tank inop. (1-12)
ONEONTA ARPT-N 800' strip wet, soft and rough. Unserviceable in wet weather. (4-29)
VAN DE GRAAF ARPT, SITE 59, FV-AG (TUSCALOOSA)-Extreme NW and SW ends fld soft in wet weather. (4-29)

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**AGUILA FLD-ABANDONED (11-13)
ASHFORK INT, SITE 36A, LA-AQ-Center 100' of strips rough, rocky, bal fld hazardous-grass, hills. (3-4)
COCHISE INT, SITE T-3, PH-EO-Rough, tall grass off strips-usable with ctn. (2-14)
**DAVIS MONTHAN ARPT (TUCSON)-250' twr of Rdo Stn KCNA, 4 mi NW at lat. 32-12-50, long. 110-57-52, obst lgtd. Flash. red bcn atop. (5-1) E fld closed-acft parked on rnwys. Blinding cellometer projector W end fld half way between ends of NW/SE, E/W rnwys. Rnwy 12-30 closed from May 5 to June 5. During above periods, pilots land at own discretion duri ng high winds; during high winds 20 mph or above, fld will be closed to all lgt acft, C-45 or below. Equip. 600' E rnwy 12-30, 600' S rnwy 8-26 lgtd. (4-25)
DEEP LAKE INT, SITE 54A, LA-AQ-Avail. emerg use only-soft. (3-4)
DOWNTOWN ARPT (TUCSON)-Rnwy 30 lgtd ngts for 2 weeks per month from 1900 to 2300 for pilot training. Only obst lgts are those in line with lgtd rnwy. All ngt training flights will operate S of arpt. (2-3)
FLY FLD (YUMA)-800' traffic pattern all rnwys. Avoid local traffic days. Parking rstd to W side fld. (3-22)
**GLOBE-Air Strip lying 3 mi W on hwys 60 and 70 has been ABANDONED.
HOLBROOK INT, SITE 51B, LA-AQ-Equip. on fld daylgt hrs. (5-10)
KINGMAN AAF-No inst flights cleared to Kingman. No obst lgts atop Haulpai Mtn. (8500' MSL) 11 mi S. (3-10)
LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. No ngt opers. (3-13)
LUKE FLD (PHOENIX)-Traffic direction indicator on second hangar from N inop. Traffic direction indicator S end N/S rnwy free-swinging. (1-7)
NOGALES INTERNATIONAL ARPT-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (5-5)
PHOENIX-Inst train. on Phoenix Range between 5500' and 9500'.
RYAN FLD (TUCSON)-Suitable for landing by all lgt acft up to and including Twin Engine Cessna, AT6, etc. Heavy acft use rnwys in wet weather. (4-28)
SKY HARBOR ARPT (PHOENIX)-Area E of N/S rnwy closed-rough. Installation of ILS in progress off end of Rnwys 26 and 8, mrkd. (5-10)
THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft)
**TONOPAH INT, SITE 31, LA-PH-ABANDONED. Bcn oper., course lgts changed from green to red. (5-9). See page 100.
TUCSON ARPT-Effect. May 15, this fld will not be lgtd. Acft disiring to use fld after dark shall give 2 hrs advance notice in order that lgts may be turned on. (5-8)
WILLIAMS FLD (CHANDLER)-Use rnwys only.
WINSLOW-RADIO: About May 15, new VARW fac will be comm at lat 35-03-29, long. 110-47-46. Freq. 108.7 mcs. Ident. "WO". Visual courses: 43°, 223°; aural courses: 133°, 313°. Voice fac will be added at a later date. (5-1)
WINSLOW ARPT-E end E/W taxi strip beyond first tie-in closed. (4-30)

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BIGGERS ARPT-Use strips only-cattle on fld (4-25)
**BLYTHEVILLE AAF-Will hereafter be carried as Blytheville Arpt. (5-1)
EL DORADO-RADIO: Ctn-VHF rng unmonitored. (4-10)
EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only. (1-10)
ERWIN FLD (NEWPORT)-Use rnwys only-cattle on fld. (4-25)
FORT SMITH ARPT-Taxi strips connecting E/W rnwy with Admin. Bldg closed to all acft of 5000 lbs or more. W end NE/SW rnwy from intersection W closed, mrkd Bndry lgts this area inop. (4-6)
GRIDER FLD (PINE BLUFF)-Closed ngts. (3-11)
HOPE ARPT-Use rnwys only. (4-9)
JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)
LEVEE FLD (WEST MEMPHIS)-Ctn when wet. (9-23)
LITTLE ROCK-RADIO: Stn guards 3117.5 kcs. 2200 to 0600,
LUXORA INT, SITE 39, NO-LS-30' unlgtd p-line being erected S end N/S rnwy.(9-27)
MANILA ARPT (BLYTHEVILLE)-Use SW quarter of fld only. (4-25)
McGEHEE ARPT-Cattle on fld intermittently.(9-6)
McLAUGHLIN ARPT (HOT SPRINGS)-RADIO: Mobile Army twr transmits on 4220 kcs and receives on 4495 kcs only. (4-3) FLD: Use ctn when landing and taking off. Soft sod in wet weather. Army crash fire protection avail. 0900 to 1700 Mon. thru Fri.; or other hrs on prior req only. (4-3)
MILLTOWN ARPT (NEWPORT)-Use rnwys only-cattle on fld. (4-25)
PINE BLUFF-RADIO: Ctn-VHF rng unmonitored. (4-10)
PRAIRIEVILLE ARPT (STUTTGART)-Ctn on taxiways.
THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only, fld soft and rough. (3-17)
WALCOTT FLD NO. 3 (WALNUT RIDGE)-Use rnwys only-cattle on fld. Soft-heavy acft use ctn. (4-25)
WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only. Equip on fld. Closed 1730 to 0800. NE/SW rnwy closed. (3-17)

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ALAMEDA NAS-Maintain high approach on Rnwys 26L and 21. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Equip. adj to and on rnwys. Fld on positive control. (4-16)
ARCATA ARPT-Closed to acft without 2-way rdo. Use surfaced areas only. (3-25)
AUBURN PEAK, BCN SITE 103 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
BAKERSFIELD-KERN CO. ARPT-Unlgtd 92' pwr line 1/2 mi N of bndry. (2-21)
BAY MEADOWS ARPT (SAN MATEO)-Const on rnwys and taxiways until approx July. Rnwy 31 usable in all weather for acft up to 2500 lbs. Taxiways clsd during wet weather, and should only be used with ctn during winter months. When taking off on rnwy 31, make a climbing turn of 45° to the right after crossing 19th Ave. but not lower than 200'. When landing acft turn-off rnwy toward nearest taxi strip. No taxiing back on rnwy. (2-21)
BECKWOURTH ARPT-Soft, rough during winter. (2-17)
BLUE CANYON-RADIO: May 15, MHVT will be decomm and all communications weather reporting and figt assistance services will be discont.
✈BLYTHE-RADIO: Adtnl VHF voice fac comm on 111.1 mcs. (5-7)
BLYTHE AAF-Obst lgts atop control twr inop. (2-28)
BORDERLAND FLD (SAN YSIDRO)-Target drone Unit 36 conducting flights between 0900 and 1600. (1-21)
BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs).
**BUFFALO SPRINGS ARPT (AVALON)-Will hereafter be carried as Catalina Arpt. (Avalon).
BURBANK-LOCKHEED AIR TERMINAL-Right traffic Rnwys 7, 15; left traffic Rnwys 25, 33. Approach lgts Rnwy 7 changed to red. 2-way rdo rqrd all acft. Rnwy 13-31 clsd (parked acft)(4-29)
CAL AERO ARPT (ONTARIO)-Use rnwys only (parked acft)(3-24)
CAMARILLO-VENTURA CO. ARPT-Use rnwys, shoulders only. Taxiways and bldg area closed. (4-28)

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CANNON FLD (FRESNO)-Will be perm closed soon. (4-3)
CASTLE FLD (MERCED)-No opers office. (3-24)
CATALINA ARPT (SANTA CATALINA ISLAND)-Private arpt. Scheduled Airline opers only. Use by acft other than UAL absolutely prohibited. (3-20)
CATES, BCN SITE 234 MI. BLINKER, SF-SA-Bcn inop. (2-17)
CLEAR LAKE SEAPLANE BASE-Avail. in emerg only. (6-11)
COALINGA ARPT-NW 1500' NW/SE strip rutted. Shoulder adj to inside of strip avail. for taxiing. Left traffic at 500'. (2-17)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)
CORCORAN-135' unlgtd twr being const adj Santa Fe RR, downtown Corcoran. Upon completion will be 148' high and lgtd.
COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (2-27)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs)
DAGGETT INT, SITE 13, LA-AQ-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. Areas immediately outside bndry lgts utilized for sto. Remain on rnwys unless in vcnty of bldgs N of intersection Rnwys 3,7. (3-13)
DEATH VALLEY NATIONAL MONUMENT (FURNACE CREEK)-All traffic away from mtn side of strips regardless of wind. (2-20)
DEL MAR ARPT-Right traffic at 600' wi th prevailing westerly winds. (3-3)
DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (3-31)
DONNER SUMMIT-RADIO: Range figt-checked Apr. 29, SE course displaced 19° E, bear. 299°, SW course displaced 6° N, bear. 54°.
EL CAJON ARPT-Right traffic when landing and taking off the the E. (3-26)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (12-11)
EL TORO MCAS (SANTA ANA)-Fld carrier landing practice Rnwy 25L. Trans acft use Rnwy 26R when practice in progress. (11-15)
✈FAIRFIELD-SUISUN AAF-RADIO: Army twr freq changed to 350 kcs, 126.18 mcs. (5-8) Effect. Apr. 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24). Army rng unreliable, use for homing only. Army ILS inop. (3-13). FLD: First 1000' Rnwy 25 open to acft days and CFR opers only. (3-13)
FILLMORE ARPT-Private fld. Acft parked adj to strip. Expected to be open to public before June 1. (3-20)
FRANKLIN ARPT-Lat. 38-17-45, long. 121-25-30.
GARY FLD (BLYTHE)-Use rnwys only (parked acft).
GILLESPIE ARPT (EL CAJON)-Use E/W rnwy only. Right traffic when landing and taking off to the W. (3-26)
**GILLESPIE MCAAF (SANTEE)-Name changed to Gillespie Airport and will hereafter be carried under El Cajon. (4-10)
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. Closed ngts. (lgts inop.) (1-28)
HAMILTON FLD (SAN RAFAEL)-RADIO: Effect. Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Exten to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off the the NE-right when landing or taking off to the SW. All flying under supervision of arpt mgr at all times. (3-19)
HASTER FARM OLF (GARDEN GROVE)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Arpt. (3-26)
HOBERT ARPT (LOWER LAKE)-Take off to SSE-land a to NNW. (7-11)
HOLTVILLE ARPT-Closed-emerg use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)

HUGHES ARPT (CULVER CITY)-Closed to public use except in emerg. (5-2)
HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (5-5)
LINDBERGH FLD (SAN DIEGO)-Acft departing for or arriving from Mexico land at Lindbergh Fld for customs clearance. (1-29)
LIVERMORE NAS-Avail. emerg use only. (10-1)
LIVERMORE SKY RANCH ARPT-Avail. lgt acft only, except in emerg. (2-18)
LOCKHEED AIR TERMINAL-See Burbank.
LONG BEACH ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (3-20) FLD: Ltd maintenance and only 100 oct. avail. Army acft. (2-28)
LOS ALAMITOS NAS (LONG BEACH)-Closed 1630 to 0800 except in emerg or by prior arrangement. (4-9)
LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl area from 2000 to 2300 daily. (7-26)
LOS ANGELES-RADIO: Occasional course displacement observed-use only when acft equipped with ADF for course monitoring. (5-8)
LOS ANGELES ARPT-RADIOL Lclzr and glide path of CAA ILS shut down for const. Outer mrkr inop being relctd 6 mi from end of Rnwy 25. Middle mrkr will be relctd soon 0.64 mi from end of Rnwy 25. FLD: Ctn approach to Rnwy 29-two 25' poles at arpt bndry within this approach zone, unmrkd, unlgtd. Parked acft within appch zone to and parallel with S side Rnwy 29. Unlgtd oil derricks on approach to Rnwy 34. E/W paved strip S side fld avail. taxiing only. N side fld under const. Equip. on fld. All landings, take-offs and taxiing rstd to paved areas. Rnwy 4-22 closed. Unlgtd 40' pole 350' S of twr. (5-9)
LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be avail. on short notice due to congestion in anchorage area. Two hrs advance notice should be given if possible. (7-1)
MACHADO ARPT (SANTA MARIA)-Use strips only. (2-23)
MARCH FLD (RIVERSIDE)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 7-25 closed-avail. on twr permission only. (1-8)
MARTINEZ ARPK-Unusable during rainy weather. (2-24)
**MATHER FLD (SACRAMENTO)-RADIO: Army H fac coordinates: lat 38-34-04, long. 121-16-21. (5-1) FLD: Use rnwys only-mat unserviceable. (1-29)
McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip and parked acft adj all rnwys and taxiways. Shoulders, unsurfaced areas unsafe. (4-23)
MERCED MUN ARPT-Daylgt oper of bcn is to warn local and trans acft of approaching airline acft. (3-23))
MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
MODESTO ARPT-Range lgts being installed across rnwy ends. Const and soft spots, mrkd. (3-28)
MOFFETT NAS-LTA (MOUNTAIN VIEW)-Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. (12-20)
MOJAVE NAS-Closed to all acft except on off. bus. (2-1)
MONTEREY PENINSULA ARPT-Right traffic Rnwys 24,28; left traffic Rnwys 6,10. (2-25)
MUROC AAF-RADIO: Army range unreliable and to be used for homing and training purposes only. (2-18). FLD: Lctd within a danger area. No facs 1900 to 0700 or Suns. Closed to all trans acft except on written permission Commanding General, Air Materiel Command. Acft will not carry trans passengers to this fld. (3-7)
NEWHALL-RADIO: May 6 until May 14, range and voice commun fac on 209 kcs. shut down for equip changes. (5-6)
OAKLAND ARPT-Naval acft avoid fld except on off. bus. Rock surface area between E and W taxiway and rnwy 27R avail. lgt acft. Take-off from center of area, adjere to instructions issued by twr. Taxiway leading from rnwy 33 to ramp at Navy Terminal closed. Equip. on grass area W of Rnwy 24 ngts. Area under const, mrkd. No gas or maintenance facs avail. 1800 to 0800 except in emerg. Ltd gas, maintenance facs 0800 to 1800. Closed to civil acft except on authority Arpt Superintendent. Rnwy 6-24 avail. lgt acft-avail. heavy acft for taxiing only. Equip. on N taxiways and E approach to Rnwys 27R and 27L. (2-25)
O'BRIEN, BCN SITE 21B, SF-SA-Soon bcn site 15-1/2 mi NNE Redding, Calif. will be perm discont. (12-14)
O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only, muddy when wet. (2-24)
**OXNARD FLIGHT STRIP-Will hereafter be carried as Camarillo-Ventura County Arpt. (4-28). See page 74.
OXNARD-VENTURA CO. ARPT-Bndry lgts inop. Const, equip. on fld days. Use rnwys, taxiways only. (4-28)
★PALMDALE-RADIO: May 1, SW course realigned to 43°. Range flight checked May 8, courses correctly aligned.
PALM SPRINGS ARPT-Right traffic, all take offs and landing on Rnwys 31, 35. Rnwys 17, 13 usual left. (2-25)
★PASO ROBLES-RADIO: May 8, courses of VARW range rotated 7° counterclockwise. Visual courses: 138°, 318°; aural courses: 48°, 228°. Courses alinged by ground check only.
**POINT MUGU NAF-Name changed to Point Mugu NAMTC. (4-3)
**REDDING ARPT-Ctc lgts avail. (4-24). See page 20.
ROCKLIN, BCN SITE 93 MI BLINKER, SF-SL-Will be perm discont. soon. (11-22)
SACRAMENTO ARPT-Use rnwys, taxi strips only-shoulders and fld soft. Unsafe small acft-rough. (2-21)
SAGE, BCN SITE 114, MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
SALINAS-RADIO: Soon, low freq stn will become a BMRL-DT fac, transmitting on 266 kcs, and VHF fac will become a BVAR fac, transmitting on 109.1 mcs. Stn will transmit also on 111.1, 116.1 mcs and guard 3105,4495,6210,3117.5 kcs, 116.1, 122.1 mcs. Courses aligned by ground check only. At present stn opers without voice feature.
**SAN BERNARDINO CO. ARPT (DAGGETT)-Taken over by CAA and will hereafter be carried as Daggett Int Fld, Site 13, LA-AQ Airway. (4-25)
SAN DIEGO-Night fighter train. being conducted within the following described areas: (a) A sector of a circle with radius of 40 mi. centered at lat. 32-54-30, long. 117-07-24 extending clockwise between lat 32-20-00, long. 117-03-20, and lat. 33-18-20, long. 117-37-30, excluding those portions which lie within the confines of civil airways and S of the U.S.-Mexican bndry. (b) A sector of a circle with radius of 40 mi centered at lat. 32-54-30, long. 117-07-24 extending clockwise between lat 33-23-30, long. 117-29-30 and lat. 32-50-30, long. 116-26-30, excluding those portions which lie within the confines of civil airways.
**SAN DIEGO (LINDBERGH)-New base. 3 W; Lindbergh Fld E. Elev. S.L. Class: Unl. S4. Ramp, dolly. Data unver. Right traffic around Lindbergh left around NAS
SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing thru Point Love (black and orange checkered buoy) unless directed by twr. Point Love (black and orange checkered buoy) is lctd on traffic pattern 1-1/2 mi S of Hotel Del Coronado. Acft crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibious Train. Base at an alt of less than 1500'. Multi-engine acft land on heavy duty rnwys, single-engine acft on asphalt mat. (12-5)
SAN FRANCISCO-ARPT-RADIO: About Aug. 1, CAA ILS will be comm serving E/W rnwy with approach from E. Lclzr freq 109.5 mcs with ident "SF", transmitter lctd 220' from W end of E/W rnwy. Glide path freq. 332.6 mcs, transmitter lctd 725' from E end E/W rnwy and 625' N of rnwy centerline. Outer marker will be lctd 6.6 mi from E end of E/W rnwy, keyed 2 dashes per second, inner marker will be lctd 3000' from E end of E/W rnwy, keyed with alt. dots and dashes. No bndry mrkr. Will oper cont. (5-7)
FLD: Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Equip. extreme E end Rnwy 10-28. E 200' Rnwy 10-28 closed for landing acft days only. (5-6)

[redacted]

SAN FRANCISCO CGAS-Seaplane harbor, channel and landing area unmarked day or ngt. Facs avail., but unmrkd. Seaplanes landing can be taken care of either at Coast Guard or PAA . (3-22)
SAN MATEO ARPT-Avail. lgt acft only-const. (2-24)
SAN NICOLAS ISLAND OLF-Use in emerg only (caretaker status-no facs)
✱SANTA ANA NAS-RADIO: Navy rng freq changed to 359 kcs. (5-1). Courses aligned by grnd check only.
SANTA BARBARAA AP.PT-Equip. on fld. Closed to glider opers. (4-29)
SANTA MONICA ARPT-CLOVER FLD-Avail. trans acft with 2-way rdo. Closed ngts and to-all student pilots. (5-6)
SHASTA SKY RANCH ARPT (FALL RIVER MILLS)-Ctn when wet. (2-24)
SHERMAN FLD (WALNUT CREEK)-Surplus Acft Sales Center-parked acft. NW/SE strip closed until July 1. Equip adj to NNE/SSW. (5-1)
SHERWOOD FLD (PASO ROBLES)-40' unlgtd wires E end E/W strip. (3-17)
SILVER LAKE INT, SITE 18, LA-SL-E quarter fld rough. (3-24)
STOCKTON-RADIO: 116.1,111.1 mc transmitters inop.(5-12) These data rcvd too late for orange symbol.
STOCKTON ARPT-Rnwy 4-22 closed. Taxi lgts inop. No 100 oct. Single ended bcn operating without course lgts. (5-11)
SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NAAS Ream Fld. No communications at landing strip. (12-5)
TERMINAL ISLAND NAAS (SAN PEDRO)-Soon, no svcg will be avail. trans acft , except in emerg. Trans acft not cleared after sunset. (4-22)
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (3-7)
TRUCKEE INT, SITE 16B, SF-SL-Snow rmvd from fld. These data rcvd too late to delete ⓪ symbol from chart 19.
VAN NUYS METROPOLITAN ARPT-Avail. civil acft providing they have off. bus. with one of the acft companies lctd on fld. Acft wi thout rdo may enter providing previous arrangements have been made with twr. (12-5)
✱✱VENTURA CO. ARPT (OXNARD)-Will hereafter be carried as Oxnard-Ventura Co. Airport. (4-28). Bcn, portable rnwy lgts operate nightly until 2015, in emergency or prior req. (4-28). See page 74.
VERNALIS FLD-CLOSED. (1-14)
VICTORVILLE AAF-Use Rnwys 16L-34R, 7R-25L, 3R-21L only. (2-10)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (3-25)
WARM SPRINGS ARPT-Heavy acft avoid fld during rainy weather. Glide opers with plane and auto tows. Tall grass and equip. on fld. (3-14)

[redacted]

BUCKLEY FLD (DENVER)-RADIO: 126.18 mc. transmitter temp inop. (4-7)
FLD: No lgts, messing, transportati on or lodging facs. (4-5)
CRESS FLD (WESTCLIFFE)-Use rnwys only. (2-19)
✱✱DENVER-Bombing range approx 15 mi SE within the following described boundaries: N by l at. 39-41, E by long. 104-26-00; S by lat. 39-34-00; W by long. 104-43-00.
DENVER-RADIO: About May 14, Golden, Colo. bone-shaped FM will be comm. at lat. 39-48-42, long. 105-13-06, 17.3 mi 237° W of the low freq range, ident. 4 dashes.
FLAGLER ARPT-Avail. ski-equipped acft after heavy snow. (2-19)
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)
LOWRY FLD (DENVER)-Equip. on fld 0800 to 1700, Mon thru Fri. (4-11)
PETERSON FLD (COLORADO SPRINGS)-RADIO: Courses aligned by ground check only. (5-9)
PINE VALLEY ARPT (COLORADO SPRINGS)-All rnwys avail. between mrkrs only. Use rnwys only. (4-23)
PUEBLO -Demolition being conducted within the following described area: bounded on the N by lat. 38-17-28; S by lat. 38-16-19; W by long. 104-18-38; E by long. 104-17-40.

[redacted]

PUEBLO ARPT-Rot. bcn atop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW/SE rnwy unlgtd. NE end NE/SW rnwy designed as calm wind rnwy. Tetrahedron modified to automatically choose the calm wind rnwy when wind veolicty below 7 mph. All acft land, take-off according to the tetrahedron. (3-24)
RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)
ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (fone lines)(1-15)
RUSTON FLD (DENVER)-Strips soft during wet weather. (1-18)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.
SKY RANCH ARPT (DENVER)-Right traffic Rnwys 26,30,36; left traffic Rnwys 8, 12,18. Traffic controlled by tetrahedron. Avail. CFR oper days only.(3-27)
✱TRINIDAD-RADIO: Adtnl voice fac avail. on 111.1 mcs. (5-1)
TRINIDAD ARPT-Strips avai l. lgt acft. (2-21)
WALKER FLD (GRAND JUNCTION)-Filled ditches both sides of taxi strip extending from NW/SE strip rough and soft. (4-2)

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BRADLEY FLD (WINDSOR LOCKS)-RADIO: May 5, CAA ILS placed in oper for equip. shakedown. About May 12, fac will be comm without monitoring. Approach bear. 58°, serving NE/SW rnwy. Var. 14° W. Lclzr transmitter lctd 1203' from NE end of NE/SW rnwy, at lat. 41-56-51, long. 72-40-36, freq. 110.3 mcs. Ident. "WDL". Glide path lctd 450' SE of centerline of NE/SW rnwy and 900' from SW end of NE/SW rnwy, at lat. 41-56-11, l ong. 72-41-25, freq. 335 mcs. Glide path angle: 3°. Middle mrkr lctd 3500' from SW end of NE/SW rnwy, at lat. 41-55-43, long. 72-42-09, keyed alt dots and dashes. Monitoring and outer mrkr will be added at a later date. FLD: Equip. on fld intermittently. 300' bldg under const 1-1/2 mi NW fld bndry, close to NW leg Hartford Range. Flood lgts N end N/S rnwy inop. (4-8)
✱BRIDGEPORT-RADIO: Class of American Airline oper rng: MRLW. Var. 12° W. Voice controlled from Bridgeport twr.
BRIDGEPORT ARPT-Use rnwys only. (3-27)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N and S ends of field and on taxiway between field and shop. (4-21)
HAMMONASSET FLYING FLD (MADISON)-Use NE/SW strip. E/W strip avail. in emerg onl y (bldgs, hedges on W bndry. (5-5)
HARTFORD-RADIO: Rng figt-checked May 6, NE course displaced 3° SE, bear. 247°, SW course displaced 3° NW, bear. 67°. Automatic range monitor. sys inop. (9-30)
KINSLEY FLD (SOMERS)-Temp closed-avail. emerg use only. (4-21)
NEW HAVEN ARPT-Avail. days only. Use rnwys only. No local take-offs or landings during airline arvls and dptrs when signalman stationed at approach end or rnwy being used, displaying red flag. (4-21)
SOUTHINGTON ARPT-Right traffic when taking off and landing to the E and SE. (4-26)
STEPHENSON ARPT (BRISTOL)-S 350' N/S strip being graded. Equip and rough area mrkd, bal rnwy avail. lgt acft. (4-21)
WATERBURY ARPT (PLYMOUTH)-Muddy with scattered puddles-avail. with ctn. (3-11)

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NEW CASTLE CO. ARPT (WILMINGTON)-Use rnwys only. Equip. on fld days. (3-14)

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SPECIAL NOTICE-The Administrator of Civil Aeronautics has designated Mt. Vernon National Monument a congested area. In accordance with C.A.R. 60.105 all acft will maintain at least 1000' over Mount Vernon, lat. 38-42-40, long. 77-05-30.

DIST OF COLUMBIA

SPECIAL NOTICE-TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL AIRPORT, LAT 38-53-46, LONG 77-08-05. (3-22)

ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of two hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (7-12)

BOLLING FLD (WASHINGTON)-Rnwys 10-28, 14-32 closed. Rnwy 17-35 closed to acft when weather minimums below ctc flgt minimums. Rnwy 2-20 avail. (3-17)

✱WASHINGTON NATIONAL ARPT-RADIO: CAA twr now transmits on 278 kcs, 126.18 •• 118.5,118.1 mcs. (5-2) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. GCA equip. operating on exper basis only Cannot provide emerg landing service at this time. (4-8) Following instrument landing minimums have been estab. for all Army traffic except scheduled ATC flgts. Day and night: Form 8 white card holder 800' and 1 mile. Form 8A green card holder - 500' and 1 mile. Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only. (1-16) FLD 635' twr of Rdo Stn WEAM, 6 mi WNW at lat 38-53-33, long. 77-07-52, lgtd top level by flash. red lgt. and steady red lgts at 2/3 and 1/3 levels. (4-22) 315' twr Rdo Stn WOOK under const 7 mi NNE (10° true). (4-16) ARMY: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas flgts using customs and immigration clearance facs of aerial port of embarkation. (c) Flgts transporting VIP and General Officers above grade of Maj. Gen, as well as officials in similar or corresponding category of executive branches of Gov't who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area. Army acft landing this fld should taxi to new ATC Terminal Bldg N of Admin Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. GENERAL: Closed to acft without rdo. Stay on paved areas-shoulders soft. Equip. on fld. Parking area ltd-turf soft. At times pilots of priv. acft will be unable to secure parking space. Lgtd trailer 500' W of centerline of N/S rnwy at N end.(2-15)

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ALBERT WHITTED ARPT (ST. PETERSBURG)-Use rnwys only-soft shoulders. Stacks 1/4 mi. SW (4-26)

BANANA RIVER NAS-RADIO: Navy exper. VHF rnwy lclzrs and various types of ILS operate intermittently day, night. Navy exper rdo bcn, 414 kcs, ident. "BR", A-2 and A-3 emission, oper intermittently, day, night. (3-27) FLD: Exper flgts conducted down to weather minimums of 300' ceiling and 1 mi visibility with ATC clearahces. Hvy training traffic in both land and seaplane areas, day and ngt week days only. All civil acft warned to stay clear of air space reservation which includes area 20 mi radius from the NAS. (3-12)

BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of five green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice. (4-10)

BOCA RATON AAF- Port floods avail. on 15 minutes notice. Stay on rnwys-shoulders soft. (2-7)

BRONSON FLD NAAS (PENSACOLA)-Inactive-no facs. (4-9)

BROWN FLD (MIAMI)-N/S, NW/SE rnwys under const. (5-18)

BUNNELL ARPT-Cattle on fld. (2-13)

CEDAR KEYS ARPT-Use rnwys only. (1-27)

CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. (1-29)

CITY AIR PARK ARPT (PANAMA CITY)-NE/SW strip under const. Not to be used except in extreme high wind (short, wires at NE end). (1-6)

••CRAIG FLD (JACKSONVILLE)-200' twr of Rdo Stn WJZB, 7 mi SE (120°) true at lat 30-17-36, long. 81-24-32, lgtd. (4-23)

CRESTVIEW-RADIO: 116.1 mc transmitter and rcvr temp inop. (3-3)

CROSS CITY AAF-Livestock on fld. (4-14)

FLORIDA

DALE MABRY FLD (TALLAHASSEE)-26' unlgtd bldg 900' NW of NW end of NW-SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. unlgtd hangar N side fld. (5-7)

DAYTONA BEACH ARPT-Lgtd tetrahedron S side fld inop. Use lgtd wind tee SE of Admin Bldg. (5-8)

DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)

DREW FLD (TAMPA)-Use rnwys only. Equip. on fld days. Avail. to rdo rcvr equipped acft tuned to twr freq. (2-24)

EGLIN FLD (VALPARISO)-RADIO: Army ILS to be reactivated soon. (3-18) FLD: Acft approaching fld will enter area along right edge of S leg Crestview Rng. (1)-Acft on CFR will fly 3000' or 500' below the ceiling, whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (10-29)

ELLYSON NAAS (PENSACOLA)-Inactive-no facs. (4-9)

••FORMAN OLF (FT; LAUDERDALE)-Name changed to Ft. Lauderdale-Davie Arpt (Ft. Lauderdale)

••FORT LAUDERDALE ARPT-Will hereafter be carried as West Prospect Arpt.

GILBERT FLD (WINTER HAVEN)-Use rnwys only. (4-17)

HIDDEN ACRES ARPT (CLARCONA)-E/W strip avail. lgt acft. (1-20)

HILLSBOROUGH ARPT (TAMPA)-CLOSED. Sinkhole center of E/W rnwy 100' E of intersection center of fld. (1-23)

HOMESTEAD ARPT-Landing fee all acft. (3-12)

JACKSONVILLE ARPT-Operating of priv. acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by Chief Arpt Traffic Controller. (3-25)

JACKSONVILLE NAS-Trans seaplane acft desiring ngt facs notify Jacksonville NAS 12 hrs in advance. Heavy equip. on fld days. (3-19)

KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)

KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCPET IN EMERG OR PRIOR ARRANGEMENT. (4-10)

LAKE BUTLER OLF-Cattle on rnwy. (1-27)

LAKE WORTH MUN; SEAPLANE BASE-Hangar under const. Traffic pattern 500', Prevailing wind E to SE. (1-22)

LEESBURG AVIATION CENTER (LEESBURG)-Use rnwys only. (2-18)

••MAC ARTHUR ARPT (HOLLYWOOD)-Name changed to Hollywood Aprk Inc. (5-7) See Page 136.

MacDILL FLD (TAMPA)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwys 4-22, 13-31, 18-36 avail. Rnwy 18-36 closed ngts. (2-14)

MARIANNA ARPT-All rnwys usable days. NW/SE taxiway blocked by Gov't vehicles. Use rnwys only. (1-23)

MASTER NAS (MIAMI)-Closed thirty min. after sunset until 0700. Extreme ctn-hvy traffic. Northernmost E/W rnwy closed (equip, parked acft). (9-8)

•• MASTER OLF (MIAMI)-Will hereafter be carried as Master NAS (3-11) See page 134.

MAYPORT CGAS-Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status-no facs). Rnwys 32,36 under const-closed. (3-11)

MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22. (4-17)

MIAMI-RADIO: Federal Commun. Comm. Fld Unit Direction Finding Aids inop. (being relctd). (5-5)

MIAMI INTERNATIONAL ARPT-AAF-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-25) FLD: Domestic non-scheduled acft taxi to old Army Terminal Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Terminal. Trans International pilots advise twr before landing. Use rnwys only. Equip. on fld intermit-

tently days. Obst lgts on pole lines adj Seaboard Airline R.R. Shops between N and S fld inop. All acft landing on E/W or N/S rnwys maintain sufficient alt to clear vehicular traffic on 36th St. and LeJeune Rd. No JP-1 fuel. (3-26)

MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of range stn when passing Miami NAS. Stay clear of NW corner fld-fighter train. break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700.(11-15)

MORRISON FLD (WEST PALM BEACH)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Glide path transmitter being moved to lctn 1100' E of W end E/W rnwy, 400' S of centerline. Middle mrkr ident. being changed to alternate dots and dashes. (3-17)

NORTH PERRY OLF (HOLLYWOOD)-CLOSED-no facs. (10-28)

ORLANDO AAB-ORLANDO ARPT-Closed to acft exceeding 50,000 lbs except for use alternate destination by scheduled air-carriers. North E/W, West N/S rnwys closed. No 91 oct. (3-12)

ORMOND ARPT (DAYTONA BEACH)-Use rnwys only-cattle on fld (5-8)

PAGE FLD (FT. MYERS)-NW/SE rnwy lgts inop. (5-1)

PENSACOLA ARPT-Ext Navy train. thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (4-29)

PENSACOLA NAS-CHEVALIER FLD-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Disposition delivery acft land at NAS Chevalier Fld. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear 34° NNW. Pilots desiring to land at Chevalier Fld ctc Pensacola Navy twr before entering traffic pattern.(4-9)

PETER O. KNIGHT ARPT (TAMPA)-Equip. on fld days. Sodded areas unsafe heavy acft. (4-29)

RICHMOND NAS-LTA-Use in emerg only (caretaker status-no facs.)

ST. AUGUSTINE ARPT-All lighting facs inop. (1-25)

**SANFORD ARPT-L5 lgts on req. (5-8) See page 134

**SOUTH DADE CO. ARPT (HOMESTEAD)-Name changed to Homestead Arpt. Ltd lighting, ctc lgts on prior req. (4-23) See page 134

STENGEL FLD (GAINESVILLE)-Equip. on fld, mrkd. (5-24)

★TALLAHASSEE-RADIO: Auto. rng monitor. sys comm. May 7.

TAMIAMI ARPT (MIAMI)-CFR day oper. Landing fee only to acft carrying passengers on cargo for hire. Equip. on fld intermittently days. (3-12)

TAMPA-RADIO: 116.1 mc transmitter and 122.1 mc rcvr temp inop. (5-9)

TAYLOR FLD (OCALA)-Use rnwys only. (1-23)

TITUSVILLE-COCOA ARPT-Use rnwys, taxiways only (soft sand) (5-8)

**TOMOKA ARPT (DAYTONA BEACH)-Name changed to Ormond Arpt. (5-8) See pages 132,134.

TYNDALL FLD (PANAMA CITY)-RADIO: Army range unreliable. (4-18)

VERO BEACH ARPT- Crash facs not avail. on line. Rnwy 11-29 closed (repairs) (5-8)

WEST PROSPECT ARPT (FT. LAUDERDALE)-Const, grading of taxiways adj to N/S, NW/SE rnwys. Equip. crossing and working adj to these rnwys. (12-5)

WHITEHOUSE OLF (JACKSONVILLE)-Closed Sundays, used by model acft. Avail. in emerg only. (4-9)

WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction Ctc twr before entering traffic pattern. (4-14)

WITHAM FLD (STUART)-Use rnwys only. (2-12)

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ALBANY ARPT-Use rnwys only. Wind sock atop Bcn twr inop. (3-31)

ATLANTA-RADIO: VHF rng has been shut down and will not be commissioned as previously advertised. (5-3)

ATLANTA ARPT-Const, equip. on fld intermittently. Use rnwys ngts. Closed to HB and VHB acft. Trans Army acft use Marietta AAF. Twr of Rdo Stn WSB 12 mi NE being dismantled, lgtd. 134' lgtd tank being erected 1 mi E. 25' lgtd bldg near N end N/S rnwy. (3-28)

ATLANTA NAS-Avail. sunrise to sunset. After sunset oper for landings only. No clearance or svcg. (4-16)

BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)

CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)

CHATHAM AAF (SAVANNAH)-Rot. bcn inop. Exten P-47 NG acft transition training, formation flying and acrobatics 0800 to 1700 all within 35 mi. radius.(4-4)

COCHRAN FLD (MACON)-Use rnwys. taxi strips only. (12-5)

COOK CO. ARPT (ADEL)-Lgts inop. (1-17)

**HERBERT SMART ARPT (MACON)-300' smoke stack lctd 5 mi SW completed, obst lgtd at each 100' levels. (5-1)

HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L. (1-18)

LA GRANGE ARPT-Heavy acft use rnwys, taxiways only-grass areas soft. All-over landing small acft in dry weather. (4-17)

LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)

LAWSON FLD (COLUMBUS)-MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2, 32. Right traffic Rnwys 14,20,27; left traffic on Rnwys 2,9,32. (4-30)

LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed. (const), Avail. only with extreme otn. 1000' extension being added to W end E/W strip. (1-22)

MARIETTA AAF-No maintenance 1700-0800. Ltd transportation. Rdo Stn WFOM erecting unlgtd 100' twr 2 mi WSW. (4-11)

MILLEDGEVILLE MUN ARPT-Soft after rainy weather. (4-17)

MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.

**MUSKOGEE CO. ARPT (COLUMBUS)-Lat 32-32-15, long 84-54-30.

SAFFOLD ARPT (SAVANNAH)-2500' ESE/WNW strip under const. (4-2)

ST. MARYS ARPT-Cattle on fld and rnwys. (1-27)

★ST. SIMONS ISLAND NAS-RADIO: Navy twr decomm. May 1. FLD: No lgts or svcg.
** (4-25). Use in emerg only (caretaker status-no facs.)

SAVANNAH-RADIO: SE course displaced 3° counter clockwise, bear. 330°.(4-22)

SOUTHER FLD (AMERICUS)-Use strips only. Soft when wet. (4-8)

SPENCE FLD (MOULTRIE)-Use rnwys only. All over fld avail. lgt acft only in certain areas. Landing area N of rnwys to be used only by pilots familiar with fld. Grass area adj to rnwys closed (sloped for drainage). (4-8)

THOMASVILLE ARPT-Closed ngts-no lgts. (10-24)

TURNER FLD (ALBANY)-RADIO: Army air to ground stn temp inop. (2-10)

VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld.) (1-16)

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BOISE AIR TERMINAL-Use rnwys, taxi strips only-shoulders soft. Non-rdo equipped acft use Rnwy 10L with left approach or Rnwy 28R with right approach when tetrahedron indicates traffic SE or NW. Parking ramp on Nat'l Guard side of fld immediately in front of twr SW of Rnwy 10R-28L closed to all acft other than mil. (4-9)

BRADLEY FLD (BOISE)-Right traffic SE take-offs and landings. (5-15)

BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (2-22)

GOODING ARPT-Use strips only-sod unsafe (erosion) (3-1)

GREEN MEADOWS ARPT (EAGLE)-Right traffic NW take-offs and landings. (3-17)

**IDAHO FALLS ARPT-Code bcn flash. char. "IF". Bcn and strip lgts operate sundown to sunup. (4-23). Rot. bcn inop. (4-23)

MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq.soft.

IDAHO

POCATELLO ARPT-6' ceilometer projector in center of grass strip running parallel with Rnwy 5-23 and approx 75' S of rnwy at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. (4-29)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (3-14)
TWIN FALLS ARPT-Use strips only, soft when wet. (2-21)

[illegible]

ALBERTUS ARPT (FREEPORT)-Const. Use N/S, NW/SE rnwys, soft when wet. Land within rnwy mrkrs. (2-25)
ASHBURN ARPT (CHICAGO)-Avail. lgt acft under 2000 lbs only. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const-unusable. Do not turn off cinders onto grass. (5-5)
CASEY ARPT-Red flag on windsock indicates strips too soft for safe oper, green flag indicates strips in good condition, orange flag indicates Right Traffic. (2-26)
CHANUTE FLD (RANTOUL)-Ltd parking. (2-12)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed (const). (3-3)
★CHICAGO ARPT-RADIO: CAA ILS modernization completed and recomm May 1. Middle mrkr now lctd 0.79 mi NW of NW end Rnwy 13R-31L, outer mrkr relctd to site 5.8 mi NW of NW end of Rnwy 13R-31L. Compass lctrs at middle mrkr and outer mrkr sites. See page 42. GCA service test being conducted on 24 hr basis. Unit aligned for approach from NW on Rnwy 13R. Transmits on 350 kcs., 109.5, 126.18 mcs. Recvs on 3105,4495,6210,3117.5 kcs., 126.18,118.1,118.7,122.5 mcs. Pilots desiring to make runs should make arrangements thru Chicago Twr. No IFR oper. (4-3) FLD: Equip. 110' E of W edge 400' ramp at centerline of new Terminal Bldg, mrkd by barricades and lgtd ngts. Equip. E ramp 46' S of central section near Terminal Bldg. Const steel 60' high W of Rnwy 22 center at NE corner fld. Snow extension lgts 22" above grade on Rnwys 31L,36R,27L, mrkd. GCA truck and trailer lctd near center of fld, lgtd. Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Terminal Bldg upon arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before dptr. 3 hangars under const along N taxiway of arpt. Ctn when taxiing. (4-18)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
CHICAGO-ORCHARD ARPT (CHICAGO)-Landing fees same as Chicago Arpt. Trans acft register in city office on S side of fld. (2-14)
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (3-27)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (4-22)
**DENIS FLD (MUDDY)-Will hereafter be carried as Harrisburg-El Dorado Flying Field.
EFFINGHAM INT, SITE 10, LS-ID-Unsafe heavy acft (soft). (5-9)
FLORA ARPT-NE/SW strip under const. (12-10)
GALESBURG MUN. ARPT-W bndry rough. (3-28)
JOHNSBURG ARPK-Equip. on fld. (3-18)
JOLIET ARPT, SITE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0800 on req. (4-29)
LEWIS-LOCKPORT ARPT (LOCKPORT)-Use strips only. Stay on gravel when wet. (3-16)
MARION ARPT-Ext. training 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. (1-23)
MOLINE ARPT-75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. 20' gravel pile 300' W of SW end NE/SW rnwy. (4-30)
MOUNT VERNON ARPT-E/W strip mrkd with flare pots, dusk to dawn. Serve as mrkr lgts only. (4-7)
PEORIA ARPT-Equip. on fld. 0800 to 1630 daily except Sun. (5-10)
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy

[illegible]

. edges. Use rnwys only in thawing weather. (2-24)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
ST. DAVID ARPT-Closed to cross-country acft. No svcg avail. N/S strip closed. New arpt under const 6 mi N. (6-13)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (3-31)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. Closed ngts. (4-5)
SPRINGFIELD MUN. ARPT-New arpt under const 3 mi NW of city. Will be completed approx July 1. Ctn do not land. Gaps in paving at intersection of rnwys. Pole line crossing SE end NW/SE rnwy. (5-3)
STOCKTON ARPT-Strips soft during thawing weather. (2-20)
WAUKEGAN ARPT-NW corner NW/SE rnwy, W end E/W rnwy usable except in wet weather. (1-20)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (4-7)

INDIANA

**ARETZ ARPT (LAFAYETTE)-Correct lat 40-27-15, long. 86-50-00. (11-12) See page 58. Bndry and obst lgts operate dusk to dawn. (11-12)
AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BAER FLD (FT. WAYNE)-Rnwy lgts Rnwy 9-27 inop. Tetrahedron uncontrolled. (4-22)
BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (3-26)
BRIGHTWOOD ARPT (INDIANAPOLIS)-Fld under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (5-6)
CAMPUS ARPT (BLOOMINGTON)-CLOSED (muddy). (1-15)
★CEDAR GROVE-RADIO: FM coordinates: Lat 39-21-12, long. 84-54-48, 33 mi. on NW course Cincinnati Range.
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only. (5-23)
CHARLESTOWN ARPT-2000' E/W strip under const. Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (1-20)
COLUMBUS ARPT-Turn off rnwys onto taxi strips after landing. Use rnwys only. (3-31)
EVANSVILLE ARPT-Trans use rnwys only. Equip. on fld days. 80,91,100 oct. avail. (5-5)
GARY ARPT-Water on fld. Soft in wet weather. Extreme ctn landing, taking off. (5-1)
HULMAN FLD (TERRE HAUTE)-Use rnwys only (erosion). (1-16)
HUNTINGBURG INT, SITE 19, LS-LV-Equip. on fld days. (3-20)
HUNTINGTON MUN. ARPT-SE end NW/SE strip freshly filled. Not firm. (11-13)
INDIANAPOLIS-RADIO: GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212 kcs., 126.18 mcs, receives on 3105, 4495, 6210,3117.5 kcs., 126.18 mcs. Pilots desiring to make practice runs should make arrangements thru Indianapolis Twr, Indianapolis Radio or airline ground stn at Indianapolis. All flights must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intermittently at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE/SW rnwy. Exper radio range with 5 lgtd 131' twrs operating intermittently at Avon, Ind, 7 mi NW of arpt on 172 and 194 kcs. Low power (holding mrkr) 75 mcs, 10 mi SW of arpt on ILS lclzr course, keying "U" tone, 3000 cycles, temp inop. (11-22)
INDIANAPOLIS ARPT-Use rnwys only. Pilots of mil and trans acft register with registrar in Admin Bldg Lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. EXPER OPERS: Approach lgt sys on SW

approach lane; bndry lgts SW corner operating intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts. Exper slope line (glide path) approach lgt sys installed W end of Rnwy 9-27. Lgts consist of 3 pairs of red tubular lgts spaced 100' apart with first pair lctd 100' W of rnwy. The outer pairs show red only on approach side; the inner pair show red on approach and rnwy sides. The high end of outer unit is 8', and high end of inner unit is 5'. Operate normally with rnwy ctc lgts. (4-9)

KENDALLVILLE MUN. ARPT-Closed until June 2 (seeding). (4-22)

**LOGANSPORT-Lat 40-42-45, long. 86-24-15.

MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (1-20)

MORGANTOWN-RADIO: FM formerly on S course Indianapolis Range will remain in oper on exper basis. (11-8)

MYERS FLD (FT. WAYNE)-Avail. with ctn. Soft during wet weather. (3-23)

PLYMOUTH ARPT-NE/SW strip closed until July 2. (5-3)

PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Taxi straight to end of fld, then taxi within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. Soft freshly seeded areas at side of NE end of NE/SW rnwy and at W end of ramp, mrkd. Const NE end of fld. (4-16)

SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft in wet weather.(5-4)

SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft. (1-16)

STARKE CO. ARPT (KNOX)-N/S strip soft. (11-4)

STOUT FLD (INDIANAPOLIS)-Crash. equip. avail. 0800 to 1700 daily only. Ltd svcg facs. Lgts on prior req. (3-20)

TRI-STATE ARPT (ANGOLA)-N/S strip closed (const). (5-5)

URSCHEL FLD (VALPARAISO)-Strip soft in wet weather. (2-16)

WELLS CO. ARPT (BLUFFTON)-Avail. with ctn-soft during wet weather. (5-5)

WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W ; left in landing E or N. No-wind conditions land to W. (1-20)

[redacted]

CEDAR RAPIDS ARPT-Use rnwys, taxi strips only. (3-22)

CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. (4-2)

CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)

DES MOINES-RADIO: Soon, Indianola approach FM (bone-shaped) will be comm at lat 41-21-30, long. 93-36-12, 9.9 mi SE of the Des Moines low freq range and 0.45 mi E of the centerline of the SE course. Ident. three dashes. (3-28)

DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed. Use rnwys only. Area off SE end NW/SE rnwy closed to taxiing, mrkd. NG svcg not yet avail. (4-22)

DUBUCUE ARPT-Flooded, unusable. (4-17)

ELKADER ARPK-Strips rough and rolling. (2-11)

HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (4-3)

IOWA CITY ARPT-Avail. days only. Use rnwys, taxi strips only. Sod adj rnwys taxi strips freshly seeded. Equip. on fld. (4-29)

LAMONI INT, SITE 10, KC-MP-Unsafe (soft). (4-16)

MASON CITY ARPT-Landings and take-offs prohibited on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N/S rnwy unusable. (4-29)

OTTUMWA NAS-S landing mat closed (helium bottles on mat) Use rnwys only. (5-6)

SIOUX CITY ARPT-Blinding 30 million candle pwr ceilometer 1000' N of Admin Bldg. (4-30)

[redacted]

ALLMAN ARPT (LENEXA)-Use strips only. (4-2)

ATKINSON ARPT (PITTSBURG)-Const, mrkd. (4-27)

ATWOOD ARPT-Soft when wet. (3-26)

BEECH ARPT (WICHITA)-During damp weather, use rnwys only. (4-2)

CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags. (2-6)

★CHANUTE-RADIO: Adtnl voice fac avail. on 111.1 mcs. (4-30)

DODGE CITY ARPT-Blinding 25 million candle pwr ceilometer projector installed 1000' NW of Admin Bldg. E/W rnwy closed. Parked acft on fld N and S of Admin Bldg. due to partially completed const on parking area. Hangars being built NW Admin Bldg. (4-11)

**FERGUSON FLYING FLD (COFFEYVILLE)-ABANDONED.

FT. RILEY-AA firing conducted immediately N of Marshall Range Stn.

GARDEN CITY AAF-No svcg or maintenance avail. (2-7)

GOODLAND ARPT-Rnwy sides soft when wet. (2-21)

**GREAT BEND ARPT-170' twrs of Rdo Stn KVGB erected 5 mi SSW (203° true) at lat 38-18-43, long. 98-47-33, obst lgtd.

HUTCHINSON MUN. ARPT-Heavy acft use rnwys only. Tetrahedron unlgtd. (5-1)

HUTCHINSON NAS-CLOSED-no facs. (11-25)

INDEPENDENCE AAF-Only N/S rnwy nearest ramp avail. Svcg, opers avail. 0800 to 1900 only. (5-8)

JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (3-4)

LARNED MUN. ARPT-SW 1/3 of NE/SW and NW/SE strips muddy in wet weather. S 1/2 N/S strip under const. (3-19)

★LEBO-RADIO: Adtnl voice fac avail. on 111.1 mcs. (4-30)

**MANKATO ARPT-ABANDONED.

MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (2-10)

OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.

OLATHE NAS-Closed 1800 to 0800 - flights desiring landing during these hrs must notify opers before 1600. (6-13)

OLATHE OLF NO. 2-Use in emerg only-no facs.

OLATHE OLF NO. 4-Use in emerg only-no facs.

OLATHE OLF NO. 7-Use in emerg only-no facs.

OLATHE OLF NO. 9-Use in emerg only-no facs.

★PHILIP BILLARD ARPT (TOPEKA)-RADIO: May 1, CAA assumed oper of mun twr transmitting on 278 kcs. Guarding 3105,4495,6210,3117.5 kcs. Operates cont.

**SALINA-Bombing range estab, approx 25 mi NNW within the following described area: N by lat 39-12-30; E by long. 97-25-30; S by lat 39-10-30; W by long. 97-27-00.

SANTANTA ARPT-Strips soft in wet weather. (2-19)

SHERMAN FLD (FT. LEAVENWORTH)-Left traffic on Strips 12,15; right traffic on Strips 30,33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. (4-11)

SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) inop indefinitely. (4-1)

TOPEKA-Inst flying radio range, ngt, day. Call Topeka Radio at least 20 mi out before flying range.

TOPEKA AAF-Closed to all trans acft except on off. bus. or in emerg until May 19.

★WICHITA ARPT-RADIO: Middle mrkr of CAA ILS comm 3652' S from approach end of N/S rnwy, keyed alt dots and dashes, unmonitored. Bndry mrkr decomm. ILS flgt-checked, oper normal. FLD: Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (4-29)

WICHITA AUX ARPT-Arpt lctd 6 mi SE of Wichita not avail. as an auxiliary fld. City of Wichita not responsible for consequences arising from use of the fld. (4-19)

[redacted]

ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (2-5)

BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (5-5)

[redacted]

BOWLING GREEN ARPT-Use rnwys only. (4-7)

**BOWMAN FLD (LOUISVILLE)-585' twr of Rdo Stn WTVU erected 6 mi WNW (285° true) at lat 38-15-00, long. 85-46-00, obst lgtd. (5-1)

CAMPBELL AAF (HOPKINSVILLE)-No mechanical or refueling svc avail.; use Smyrna AAB for refueling and maintenance. Opers closed 1630 to 0800. Only Rnwy 4-22 avail.; other rnwys closed for const. Wind tee rmvd; wind sock only avail. Lgts inop. (4-8)

GODMAN FLD (FORT KNOX)-RADIO: Army rng unreliable; use primarily as homing fac. (4-5) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. High trajectory firing in danger area NE fld day, ngt. (4-17)

GREATER CINCINNATI ARPT (COVINGTON)-Rnwy lgts supplemented and/or lgtd by flare pots only. N/S, E/W avail. ngt landings. Lgts not controlled from twr. Men on rnwys days. (4-29)

JODY FLD (LONDON)-Const-use rnwy N of hangars only. (4-28)

LEXINGTON-RADIO: VHF rng unmonitored, no auto, standby equip. and therefore it is avail. for navigational purposes with these limitations. (4-2)

STANDIFORD FLD (LOUISVILLE)-NG svcg not yet avail. (4-22)

[redacted]

BARKSDALE FLD (SHREVEPORT)-Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 91 oct. (5-6)

★BATON ROUGE-RADIO: May 8, courses realigned to 29°,119°,209°,299°. These data rcvd too late for charts.

COTTON VALLEY ARPT-E/W strip closed. (1-23)

CROSS LAKE SKY HARBOR (SHREVEPORT)-Land only in area in front of Base.(2-13)

EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd with white flags. (1-27)

HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1630 only for all acft by Navy in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil acft may land during daylgt hrs. Lighting facs for ngt flying not in oper for civil use. (4-23)

IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. (3-13)

JENNINGS ARPT-Use strip only. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. Right traffic when landing S and W. (3-19)

LAFAYETTE ARPT-Use rnwys only. (4-29)

LAKE CHARLES MUN. ARPT-Blinding 30 million candle pwr ceiling lgt installed Stn WBAS. Operates during cloudy conditions. Two 195' twrs 3.5 mi NW under const, lgtd. Fuel for mil acft avail. 0700 to 2300. (4-24)

LE GROS MEMORIAL ARPT (CROWLEY)-170' twr being erected 9 mi NE (55° true) Will be lgtd upon completion. (3-24)

MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: All conponents of CAA ILS shut down for modernization. Lclzr installation will incorporate voice feature and ident. "NO". Middle mrkr will be lctd 3530' W of the W end of E/W rnwy, keyed alt dots and dashes. Compass lctr will be installed at outer mrkr site, 3.92 mi W of W end of E/W rnwy, ident. "L", freq. 254 kcs. (4-14) FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. Tetrahedron inop.(4-28)

MONROE ARPK-Avail. days only. (12-20)

NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)

NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Closed to all Army acft except primary, basic and advanced (not including converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64, liaison acft, helicopters and autogyros. (3-26)

NEW ORLEANS NAS-Closed to all acft exceeding 9000 lbs. Avail. 0800 to sunset. (5-2)

[redacted]

**NORTH LAKE CHARLES ARPT (LAKE CHARLES)-Serv. fac discont. Fld will be maintained as an aux fld only.

SELMAN FLD (MONROE)-Obst lgts atop twr inop. Equip. on fld. (12-27)

SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)

SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. 185' rdo twr being erected 4 mi SW (230° true). Work in progress SW end Rnwy 5-23, approx 100' from end of rnwy, mrkd. (4-30)

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AUGUSTA ARPT-Obst lgts on antenna poles 400' NE Admin Bldg inop. (4-22)

DOANES ARPT (BREWER)-E/W rnwy avail. in emerg only. (4-19)

DOUGLAS FLD (BRUNSWICK)-Right traffic when wind from the S.(4-22)

DOW FLD (BANGOR)-E/W rnwy closed. Use concrete portion fld only. Ltd transportation and maintenance facs. (5-8)

FARMINGTON ARPK-Safe lgt acft only, until May 20. During this period and after heavy rain land to W side strip. (4-23)

HOULTON ARPT-Closed except to scheduled airlines and local opers. Other acft land by prior permission from Resident Engineer, fone 2211. Rnwy lgts inop. (3-26)

LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)

MEERYMEETING FLD (BOWDOINHAM)-Use in emerg only. (4-22)

MILLINOCKET-RADIO: Auto. range monitor. sys temp inop.

MILLINOCKET ARPT-NW 1000' NW/SE rnwy closed. Ctc lgts inop. (4-15)

NEW MEADOWS ARPK (WEST BATH)-PRIVATE-emerg use only. (5-6)

NORRIDGEWOCK ARPT-CLOSED-use in emerg only.

OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (2-24)

PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop). (4-29)

PRESCUE ISLE AAF-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army VHF DF stn temp inop. (4-25) FLD: When landing Rnwys 28,16 hit short and slow down before intersection; on Rnwy 34 touch down by intersection. No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC flights. Svcg trans acft 0800 to 1700 only. Tetrahedron inop. (5-9)

SCARBORO ARPT-CLOSED (soft). (3-31)

WESTON FLD (MADISON)-Avail. emerg only. (4-2)

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BALTIMORE ARPT-No crash equip. ngts. Use rnwys, taxiways only, other areas soft. Equip. on fld. Ships with unlgtd 120' masts anchored in harbor S, W and SW of fld. Smoke stacks NW and SE. Rdo rqrd between sunset and sunrise. (4-21)

BALTIMORE SEAPLANE BASE-Radio facs same as Baltimore Arpt. Control launch and other services avail. commercial operators by prior agreement with BOAC. Ramp and fuel services avail. by contacting Baltimore Twr. (4-21)

BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (4-9)

★BRANDYWINE-RADIO: May 2, simultaneous range comm at lat 38-41-50, long. 76-51-47. Freq. 379 kcs, ident. "BDW". Courses: 07°, 70°, 187°, 250°. Var. 7° W. Stn class: SMRLZ-D. Radiophone ident Brandywine rdo; controlled from Washington INSAC.

EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat and Sun. Operated Mon thru Fri 0800 to 1600. (3-14)

ERCO ARPT (RIVERDALE)-Do not land on diagonal taxi strip due to softness and holes. Soft shoulders off rnwys. Avail. days only. (2-19)

GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (2-19)

HAGERSTOWN ARPT-Acft parked on hangar and factory apron, also along W bndry of fld just W of the N end of the N/S rnwy and N of the W end of the E/W rnwy. Use ctn in landing and taking - off in area off rnwys. (2-18)

KENT ARPT (WORTON)-Landing area under const. (3-17)
LEE ANNAPOLIS ARPT (ANNAPOLIS)-NE/SW rnwy and black-topped taxiway avail. - unsuitable for acft heavier than twin-engined type. (2-13)
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN COMPANY OR IN EMERG. Trans or local traffic, not landing at fld, should avoid fld traffic patterns or approaches. (1-22)
PATUXENT RIVER NAS-Taxi strips adj and parallel to Rnwy 13-31 between rnwys 2-20, 6-24 closed. Ditches adjacent Rnwy 9-27, mrkd. Equip. on fld. (2-24)
PHILLIPS FLD (ABERDEEN)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Ltd svcg. No maintenance or RON. (3-17)
SALISBURY-RADIO: Commissioning of VHF range indefinitely postponed. (5-5)
SALISBURY ARPT-Use rnwys only. (2-17)
SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (4-10)
WEBSTER FLD (PRIEST POINT)-Closed except on 24 hr notice.

[redacted]

AGAWAM-Two searchlights being operated from Riverside Park dusk to midngt May 30 to Sept 7. (5-8)
BARNES ARPT (WESTFIELD)-Oper of arpt bcn days indicates suspension of CFR oper. Ctc Westfield Rdo for lgts. 139' unlgtd tank under const 5500' SW. No ctc lgts. (5-2)
BOSTON-RADIO: Range flight-checked Mar 29, courses correctly aligned.
BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (4-21)
CAMP WELLFLEET-All obst lgts will be turned off May 15 due to disestablishment (5-9)
CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay.
**CHESHIRE-New base. Lat 42-33-18, long. 73-10-19.
GRAFTON ARPT (NORTH GRAFTON)-CLOSED (soft). (5-5)
LA FLEUR ARPT (NORTHAMPTON)-Const. Grading 800' by 300' center of fld, mrkd. Equip. on fld. Closed ngts. (4-8)
LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)
LOGAN ARPT (BOSTON)-RADIO: CAA ILS operating for test purposes only. Lclzr lctd 950' from NE end rnwy served. Freq. 110.3 mcs. Glide path freq. 335 mcs. Two mrkrs: outer mrkr 5.67 mi from SW end rnwy keyed two dashes per sec. Middle mrkr 1.40 mi from SW end rnwy keyed six dots per sec. Outer compass locator at outer marker site . Freq. 203 kcs. Ident. "G". (5-5). FLD: Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight,cargo, and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Manager and pay fees. Pilots will be denied clearance until fees are paid. Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Flood lgts and wind tee rmvd. Equip. on perimeter of fld. New 5900' Rnwy 15-33 and Rnwy 4-22 not avail. NE 100' Rnwy 7-25 unsafe.(4-21)
MANSFIELD ARPT-Red flag flying when closed. (4-21)
MARLBORO ARPT-Avail. sunrise to one hr after sunset. (4-21)
MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (4-4)
MYRICKS ARPT-Wires on S end N/S strip. (4-1)
NANTUCKET ARPT-Five 320' twrs being erected 6 mi W (280° true). (4-12)
**NORTH SHORE ARPT (ESSEX)-Name changed to Cape Ann Airways (Essex). See page 56.
OTIS OLF (FALMOUTH)-Use in emerg only (caretaker status-no facs)
**PILGRIM LAKE SEAPLANE BASE (TRURO)-New base. Lat 42-03-30, long. 70-08-00. (5-3)
PITTSFIELD ARPT, SITE 3B, AZ-BW-Land according to wind sock. (4-2)
PROVINCETOWN FLD-Closed to acft over 3200 lbs. (4-21)
**QUABBIN-RADIO: Correct freq of Army H fac is 317 kcs.
REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. (4-21)
RICHARDSON ARPT (DRACUT)-Intersection of two strips muddy when wet. Heavy acft use wide pattern on downwind leg for WSW landing to avoid turkey farm 1000' from rnwy. (3-15)
SPRINGFIELD ARPT-Lgts inop. (4-21)
★SQUANTUM NAS-RADIO: May 8, GCA unit 21 voice call "Pelican" officially changed to "Squantum GCA". Navy range flight-checked May 2, courses correctly aligned. FLD: Equip. at bndry and on fld. Fld avail. 0800 to 30 mins prior to off. sunset. Truck and two trailers 30' high on Rnwy 2-20, 150' S intersection Rnwys 14-32, 2-20, lgtd. (3-27)
STEVENS FLD (NORTH ADAMS)-Temp closed. (4-21)
**WELLFLEET-Overwater anti-acft range estab. approx 2 mi S within the following described area: an arc of a circle with a radius of 20,000 yds centered at lat 41-45-00, long. 69-58-30 extending clockwise between 345° true and 145° true.
WESTFIELD-RADIO: Sharp bend 5 mi S of rng stn on 27° inbound leg. Condition intermittent. (2-5)
WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army ILS (SCS-51) compass lctr on 251 kcs temp inop. (5-3). Army ILS (CAA type) lclzr, Rnwy 24, unreliable. (4-23) FLD: All acft on IFR approaching fld from NE will follow Amber 7 to Boston, thence follow Red 11 to Gardner intersection (W course of Boston Range and NE course Westover Range). Acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing let-down procedures as disseminated from fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descend by Boston ATC. Westover approach control will assume control of acft upon departing Gardner Intersection but not until released by Boston ATC. When under Westover approach control, all instructions will be followed which are transmitted by Westover approach control. (2-19) Red bcn atop Mt. Nanatuck inop. Men, equip. removing shooting butt 100' right of approach Rnwy 1, equip. lgtd. (5-9)

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ABRAMS ARPT (GRAND LEDGE)-Unsafe (snow). (3-29)
ADRIAN CITY ARPT (ADRIAN)-SW corner fld unsafe for landings and take-offs. Strips soft when wet. (2-20)
**ALPENA ARPT-Will hereafter be carried as Phelps Collins Arpt (Alpena). See page 16.
**ANN ARBOR ARPT-Bndry lgts on req. (9-31). See page 48. Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (6-14)
BAKER'S FLD (PORT HURON)-Use strips only. Fresh fill E 1/2 N/S strip from intersection to S end, also SW end NE/SW strip. Soft when wet. (2-25)

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BISHOP ARPT (FLINT)-Three 170' lgtd twrs Rdo Stn WWOK under const 4.5 mi E (82°) true. Use rnwys only, soft. Unmrkd acft parked on fld within 500' of bldgs
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tricycle gear acft bal taxi strip being cleared of trees and brush. Other strip usable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of centerline of approach. Wind tee temp removed. (4-28)
CALVIN CAMPBELL MUN ARPT (INDIAN RIVER)-Emerg use only. (3-21)
CAPITAL CITY ARPT (LANSING)-Use center of rnwys only. Soft spots and broken blacktop on NE/SW rnwy near intersection E/W rnwy. N/S rnwy avail. taxiing only. Equip. on fld days. Acft parked W side fld E of apron. (4-2)
DALTON ARPT (FLUSHING)-Ctn during wet weather. (4-11)
✱DETROIT CITY ARPT-RADIO: CAA twr now transmits on 278 kcs., 119.5 mcs.
**DETROIT, GARLAND-New seaplane base. Lat 42-21, long. 82-56.
DETROIT NAS -Closed 1700 to 0800. (9-14)
DR. HAINES FLYING FLD (THREE RIVERS)-Use strips only. (2-24)
EMMET CO. ARPT (PELLSTON)-Closed ngts. (2-17)
**EWEN ARPT-ABANDONED. (8-23)
FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (2-14)
FORD ARPT (DETROIT)-CLOSED. Avail. emerg use only. Use rnwys only. (3-31)
GRIDLEY ARPT (YPSILANTI)-Strips unusable when wet-muddy. Land on sod with ctn. (2-14)
**HANCE ARPT (WYANDOTTE)-Lat 42-11-45, long 83-12-00. (4-14)
JAMES CLEMENTS ARPT (BAY CITY)-Use rnwys only. Closed ngts. (3-12)
JEWETT ARPT (MASON)-Ctn on strips and taxiways when wet. (2-21)
KELLOGG FLD (BATTLE CREEK)-Equip. on fld. (2-22)
KENT CO. ARPT (GRAND RAPIDS)-Acft weighing 8000 lbs and over use rnwys only. (5-7)
LAPEER ARPT-N end of NW/SE diagonal strip rough. (2-19)
LEACH AERO SERVICE ARPT (HARTFORD)-NE/SW strip under const. (11-16)
LINDBERGH MUN ARPT (KALAMAZOO)- Avail. ngts in emerg. Land in accordance with wind tee lctd midway between NW end NW/SE and N end N/S rnwys. Use rnwys only. (2-19)
MACKINAC CO. ARPT (ST. IGNACE)-Use rnwys only. (4-5)
McKINLEY ARPT (FRASER)-Avail. to lgt acft only in dry weather. (4-26)
MILAN ARPT-Fld soft in wet weather. (2-19)
**MONTCALM CO. ARPT (GREENVILLE)-Will hereafter be carried as Greenville Arpt . See page 32.
MOUNT PLEASANT ARPT- Strips soft in wet weather. (2-14)
✱MUSKEGON-RADIO: Rng pwr increased. Stn class: BMRLZ-DT. (5-9) These data rcvd too late for inclusion on data page.
MUSKEGON CO. ARPT-Use rnwys only-rough. (2-21)
OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO. ARPT (GAYLORD)- Avail. during winter months with ctn. (12-2)
PHELPS COLLINS ARPT (ALPENA)-Lgt acft may use sod between rnwys. (3-21)
PLANE HAVEN ARPT(STANTON)-CLOSED. (3-15)
**PRICKETT ARPT (SIDNAW)-Name changed to Prickett-Grooms Arpt (2-18) See page 16.
ST. CLAIR CO. ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37° true), temp lgtd. Use strips only-soft when wet. (4-3)
SAULT STE MARIE ARPT-Loose gravel on N/S rnwy. Use rnwys only. (4-8)
SKYHAVEN ARPT (SAGINAW)-CLOSED. (const.) (4-11)
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (2-19)
TRAVERSE CITY ARPT-Obst lgts S end N/S rnwy inop. Use rnwys only. (4-28)
TWIN CITIES ARPT (BENTON HARBOR)-Use rnwys only, soft after heavy rains. (4-15)
**TWIN CITY ARPT (BENTON HARBOR)-Will hereafter be carried as Twin Cities Airport (Benton Harbor). (9-9).
WASHTENAW ARPT (ANN ARBOR)-Use rnwys only. Avail. days only. (2-20)
WAYNE CO. ARPT (DETROIT)-No lgts or rdo. (4-7)
**WAYNE CO. ARPT (ROMULUS)-Will hereafter be carried under Detroit.

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WILLOW RUN ARPT (YPSILANTI)-RADIO: Lclzr, glide path and mrkrs of CAA ILS will be comm soon. (3-28) FLD: Equip. on fld. Trucks on NE/SW taxi strip. Trenches and const of ILS bldgs on fld, mrkd. (2-14)

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AITKIN MUN ARPT-Const. (3-18)
ALEXANDRIA-RADIO: Rng figt-checked May 2, courses correctly aligned.
APPLETON ARPT-Use rnwys, taxi strips only. (2-14)
BENSON ARPT-Use strips only. Closed to trans acft. (4-14)
BLUE EARTH ARPT-NW/SE strip avail. in dry weather. (5-6)
CAMP RIPLEY ARPT (LITTLE FALLS)-Not maintained. (10-30)
COLERAINE ARPT-Slightly rolling. Const on fld. Usable in N/S and NW/SE direction only. (11-5)
DECKER ARPT (AUSTIN)-Ctn, fld soft. (4-21)
DETROIT LAKES ARPT-Use strips only. (5-5)
**DULUTH SKY HARBOR-New seaplane base. Lat 46-43,long.92-03
FARIBAULT ARPT-Closed to all acft weighing over 5000 lbs. (5-16)
FERGUS FALLS ARPT-Graded and seeded landing strips (11-7)
FLYING CLOUD ARPT (MINNEAPOLIS)-Strips leveled and seeded. E/W, NW/SE graded and seeded in spring. (12-11)
GRAND RAPIDS ARPT-Graded and seeded strips. (11-5)
KENYON ARPT-N/S strip slopes to the N, NE/SW slopes to the NE. (5-9)
MANKATO ARPT-Strips soft during spring thaws. Closed to all multi-engine and heavy single engine acft. (4-1)
MARSHALL ARPT-Newly graded and seeded strips. Use with ctn. Avoid in wet weather. (4-28)
MOBERG SEAPLANE ANCHORAGE (BEMIDJI)-Avail. ski-equipped acft only until spring. (12-19)
MONTEVIDEO ARPT-Strips muddy when wet. (2-14)
NEW ULM ARPT-E/W strip has 10' hill. Use with ctn. (11-1)
ORTONVILLE ARPT-Temp closed (const). (6-20)
**OTIS LODGE (GRAND RAPIDS)-New seaplane base. 7.5SW; elev 1290' Class: 75 S4.. 80 oct, Beach,dock,boat;resort.
ST. PAUL ARPT-Use rnwys, taxi strips only. (3-31)
THIEF RIVER FALLS MUN ARPT-Use rnwys only. Bal fld planted in grain. (4-30)
TRI-MONT ARPT (TRIUMPH)-Leveled landing strips newly seeded. (11-22)
UNIV. OF MINNESOTA ARPT (NEW BRIGHTON)-N end N/S strip rough. (4-3)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center-parked acft.
VIRGINIA ARPT-Rough. (4-1)
WILLIAMSON-JOHNSON ARPT (DULUTH)-Use rnwys only. (11-8)
WILLMAR ARPT, SITE 16, HR-MP-Unsafe heavy acft (soft). (5-8)
WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-Foreign Clearing Stn for Musk-Calf Project Flights. Ltd maintenance facs, no parking facs for Army acft temp. Exper horizontal neon lgt installed on fence 300' S of S end N/S rnwy. High intensity rnwy mrkr lgts being installed both sides N/S rnwy. Heavy acft use rnwys, taxiways only-soft. (4-30)

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BASS FLD (LULA)-Landing area rough. (11-13)
**BONITA FLD (MERIDIAN)-ABANDONED. (4-25)
CARROLL CONE ARPT (TUPELO)-Equip. and stakes on fld. (1-2)
COLUMBUS AAF-Use rnwys only.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (4-29)
GRENADA ARPT-NE/SW rnwy closed. (6-28)
**GULFPORT AAF-Will hereafter be carried as Gulfport Arpt. (1-26)
GULFPORT MUN. ARPT-Avoid flying over area directly off SW corner. Entire sod fld avail. (4-1)
HAWKINS ARPT (JACKSON)-Two 115' temp lgtd stacks 1-1/2 mi SE. 136' water tank being erected 3.5 mi SSE (153° true). Temp lgtd during const. (4-1)
JACKSON CO. ARPT (PASCAGOULA)-Trans acft use rnwys only-drainage grills under grass. (5-17)

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KEESLER FLD (BILOXI)-Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way rdo. 20' boom NE corner NE/SW rnwy, mrkd. (4-26)
KEY FLD (MERIDIAN)-Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and takeoff path Rnwy 4. Obst lgts atop Admin Bldg, 2 hangars, ILS glide path and localizer bldgs, and arpt bcn E side fld, bndry lgts, tetrahedron lgts, and all rnwys lgts except on NE/SW rnwy inop. (5-10)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
**LELAND ARPT-Will hereafter be carried as Leland Arpt (Elizabeth). Lat. 33-26-30, long. 90-51-30.
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
McLAURIN ARPT-Unusable-strip washed out by rain. (4-29)
MARKS ARPT-Ctn in wet weather. (2-21)
McCOMB ARPT-West 1/3 of E/W strip unusable. (2-17)
O'KEEFE FLD (NEWTON)-Soft when wet. Low spot 450' N of circle mrkr. (4-24)

TATE ARPT (LELAND)-Soft when wet. (4-24)
YAZOO CITY CO. ARPT (YAZOO)-Use N/S strip only, bal fld soft. (2-17)

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ACE HIGH ARPT (GALT)-Under const. Use with ctn. N/S strip slopes badly to S.
BAILEY'S ARPT (BROOKFIELD)-Use strips only. (9-20)
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (2-17)
CHILLICOTHE ARPT, SITE 7, KC-CG-Use sod areas with ctn., numerous washes, ditches, and wheel tracks. Avoid unmrkd ditches SW side SE end of paved rnwy and SE edge NE/SW rnwy SW of CAA weather stn. Keep to paved rnwy and taxi strip when wet. (5-5)
COLUMBIA ARPT-Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding 25 million candle pwr ceilometer 1000' E of rot. bcn. Equip. on fld days. (3-7)
DAVIESS CO. ARPT (GALLATIN)-Use ctn until further development. (5-12)
FAYETTE ARPT-Closed during winter-avail. lgt acft in emerg only. (11-19)
HARRIS FLD (CAPE GIRARDEAU)-Use strips only-parked acft.
HARVEY PARKS ARPT (SIKESTON)-Use rnwys only-parked acft.
INDEPENDENCE ARPT-CLOSED (3-14)
JEFFERSON CITY ARPT-NE/SW, E/W strips avail. twin-engine acft not exceeding weight of C45, UC78. (4-22)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (2-22)
KANSAS CITY ARPT-RADIO: CAA ILS modulation in progress with sys in oper intermittently. Will be recomm soon. (3-12) FLD: Avail. mil acft not exceeding 50,000 lbs. Army acft rstd from refueling except in extreme emerg. No. 1 neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Unlgtd levee along N side fld raised to 20' above fld level . Take-offs by lgt acft to the N from E of N/S rnwy prohibited. Obst lgt atop dike and on the extension of center line of N/S rnwy. Heavy acft use rnwys and taxi strips only. Const immediately N of Terminal Bldg-ctn when parking acft this area. (3-28)
KING ARPT (HOUSTON)-Staked for impending const. (4-2)
KIRKSVILLE ARPK-CLOSED UNTIL SPRING. Emerg use only. (11-13)
KIRKSVILLE ARPT, SITE 12, KC-CG-Sod portions fld soft. Heavy acft use N/S rnwy. (4-29)
LAMBERT-ST. LOUIS ARPT (ST. LOUIS)-RADIO: About May 15, middle mrkr of CAA ILS will be comm, ident cont alt. dot and dash. Lctn: 3385' NE from appch end of NE/SW rnwy, mrkr unmonitored. Bndry mrkr will be decomm concurrent with comm. of middle mrkr. About May 26, glide path will be comm on 335 mcs. Lctcn: 1484' SW from appch end of NE/SW rnwy. (5-8) FLD: Closed to non-rdo equipped acft. const E, SE bndry. Navy facs closed 1700 to 0800 except when

[redacted]

Opers Officer notified before 1500. 3' ditch, 200' wide E edge rnwy 34 between approach end and intersection of rnwys 6 and 24, lgtd ngts. Equip. on fld days. (3-29)
MARYVILLE MUN ARPT-Use strips only. (9-18)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (2-20)
NEUBEISER OLF (ST. LOUIS)-Use in emerg only (caretaker status-no facs)
NEW FLORENCE INT, SITE 17, KC-LS-Entire fld safe. These data rcvd too late to delete ⓪ symbol.
ROLLA ARPT-Unsafe heavy acft (soft). (1-15)
ROSECRANS FLD (ST. JOSEPH)-Use rnwys only-sod areas unsafe. Equip. on fld. days. (4-29)
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (4-29)
TARKIO SITE 10, KC-OH-S 1/3, N/S and E 1/3, E/W strips unsafe heavy acft (soft). (5-5)
VAUGHN ARPT (TRENTON)-1 -1/2 ' ditch each side of strips. (2-26)

[redacted]

★BILLINGS ARPT-RADIO: May, 2 outer compass lctr stn comm at ILS outer mrkr site. See page 8. FLD: Army acft rstd from refueling except in extreme emerg. (12-26)
**BOYD MOUNTAIN, SITE 34, SA-HL-Bcn resumed oper, acetylene blinker discont. (5-7)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy when wet. (11-18)
CUSTER-RADIO: Reactivation of commun stn indefinitely postponed. (5-5)
CUT BANK ARPT-Ctc lgts inop. Landing flares avail. on req. (5-6)
**FORSYTHE INT, SITE 30, HL-TWIN CITIES-Change to Forsythe Arpt, Site 30, HL-Twin Cities.
GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. (3-27)
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. E 200' E/W rnwy closed, mrkd. Right traffic W winds, left traffic E winds. Traffic 600'.
HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
LEWISTOWN ARPT-Use rnwys only. (2-25) 200' temp lgtd rdo twr stn KKLO 3 mi NE (58° true). (2-7)
LIVINGSTON INT, SITE 10, HL-TWIN CITIES-Stn KVRI erecting 50' unlgtd antenna pole atop 300' hill 2.5 mi WNW (288° true)(3-11)
MILES CITY ARPT-Bndry lgts inop. NW and NE floodlgts inop. (5-7)
MISSOULA CO. ARPT-NE/SW rnwy closed. NW/SE rnwy closed to all B-17 or heavier acft. (2-21)
MOORE ARPT-S end N/S strip rough. (7-30)
MULLAN PASS-RADIO: Range flgt-checked May 5, courses correctly aligned.
POLSON ARPT-Usable with ctn. (7-19)
PONDERA CO. ARPT (CONRAD)-Ctn in wet weather (muddy). (3-31)
POPLAR ARPT-Dangerous when wet. (9-6)
ROUNDUP ARPT-NE 2500' NE/SW strip unsafe-large holes, mrkd. (1-21)
SIDNEY ARPT-Ends of strips in cultivation.
VALLEY CO. ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using. (9-7)

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CLAY CENTER ARPT-Use mrkd strips in wet weather, allway in dry weather.(3-10)
CLEAR RIDGE ARPT (OMAHA)-Use strips only. (3-10)
CRETE ARPT-Use rnwys only. W 1/2 of E/W rnwy closed. (3-13)
ELGIN ARPT-Haystacks on fld. (3-10)
**FALLS CITY MUN ARPT-Correct lat. 40-04-25, long. 95-34-40. (11-8). See page 34.
FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet (3-10)

[NEBRASKA]

GRAND ISLAND AAF-Blinding 30 million candle pwr ceilometer lctd 1000' N of city Adm inistration Bldg. (5-8)

**HASTINGS SKY RANCH (HASTINGS)-Correct location: lat. 40-34-15, long. 98-27-15.

HAWKS ARPT (BRUNING)-Soft when wet. (3-14)

KEARNEY AAF-RADIO: Army H fac temp inop. (1-21) FLD: No opers office (3-24)

★LINCOLN-RADIO: Auto. rng monitor. sys comm on rng freq May 2.

LINCOLN ARPT-Private acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (5-1)

**LOVELOCK INT, SITE 26, SF-SL-Being operated and maintained by CAA. (4-24)

McCOOK AAF-Approx May 15, all obst lgts will be inop on 180' twr 2.9 mi SE of NW/SE rnwy. NW/SE rnwy avail. only. (4-23)

NORTH PLATTE ARPT-Army acft rstd from refueling except in extreme emerg. (10-9)

OMAHA-RADIO: About May 19, Ft. Calhoun bone-shaped FM will be comm at lat. 41-27-12, long. 95-58-24, to be lctd 10.2 mi NW on NW course of low freq rng, ident 4 dashes. Concurrent with comm of this FM the California FM will be de-comm. (5-10)

OMAHA ARPT-Use rnwys only. Rnwy 17R-35L avail. days only. (4-7)

PENDER ARPT-Extreme ctn during wet weather. Lgt acft only. (2-20)

SIDNEY INT, SITE 50, SL-OH-Use rnwys only, bal fld rough. (4-23)

[NEVADA]

BATTLE MTN FLIGHT STRIP, SITE 35, SF-SL-Used paved surfaces only-shoulders soft. Portions of bndry lgts operating intermittently. (4-7)

BOULDER CITY ARPT-SW end NE/SW rnwy unusable. (2-21)

DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)

FALLON NAAS-Closed except in emerg. (4-11)

FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due to wind erosion, soft sand, mrkd. Avail. days only. (3-11)

HAWTHORNE ARPT-Traffic is 1500' outside of city mile square and 600' altitude. Civil acft advised to enter and leave fld by following the main thru hwys and not fly directly over any bldgs. (3-3)

HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd. (4-5)

LAS VEGAS-RADIO: 122.1 mc rcvr inop. (5-3) Mar. 3, VHF range comm cont on test basis at lat. 36-11-06, long. 115-05-48. Bear. and dist, stn to McCarran Fld: 24°, 4.2 mi. Freq. 109.1 mcs. Ident. "LQ". Courses: visual: 29°, 209°; aural: 119°, 299°. Mag. var. 16° E. Simult. voice channel and rcvg watches avail. 24 hrs. daily. Stn class: VAR-DTV. Stn now guards 3117.5 kcs, 116.1, 122.1 mcs. Disregard spurious signals.

★LAS VEGAS AAF-RADIO: May 8, voice fac and ident. "LQ" comm on CAA ILS. Ident. transmitted cont and will not be interrupted for voice transmissions. Voice transmissions made simultaneously with all other operational functions of the sys. Fac. flgt-checked. FLD: Bndry, rnwy range lgts in cont ngt oper. Rnwy ctc lgts and neon approach lgts not avail. midngt to 0800 daily. (2-17)

TAHOE SKY HARBOR ARPT (GENOA)-Trans or inexperienced pilots avoid using. (8-5)

WELLS INT, SITE 48, SF-SL-About May 15, will be perm discont and relctd at the new Wells Int. Fld, 2 mi E of Wells, Nev. (5-6)

YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)

[NEW HAMPSHIRE]

BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind conditions. In calm air conditions, take-off and land to NW. Unlgtd 34' hangar under const adj to bldgs S border fld. Bcn oper intermittently. (4-4)

BRATTLEBORO-HINSDALE ARPK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)

**CHESTERFIELD, LAKE SPOFFORD-New seaplane base. Lat. 42-55, long. 72-27.

CONCORD ARPT-Lgts Rnwy 3-21 inop. (5-12)

**DANIEL WEBSTER AIRWAYS (NASHUA)-Name changed to Daniel Webster Arpt.

[NEW HAMPSHIRE]

DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (2-17)

FRANCONIA ARPK-Open. Rcvd too late to delete ⓪ symbol.

★GRENIER FLD (MANCHESTER)-RADIO: Army VHF DF stn comm on 116.1, 137.88, 140.58 mcs. and is avail. on req to twr or arwys stn. (5-3) Army ILS temp inop. (3-6)

HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)

**KEENE, DILLANT HOPKINS-New seaplane base. Lat. 42-54-00, long. 72-15-45.

LACONIA ARPT-Safety strips rough. Holes and cave-ins edges E/W rnwy. (4-12)

LAFAYETTE FLD (PORTSMOUTH)-CLOSED (emerg use only)(5-6)

LAKES REGION ARPT (WOLFEBORO)-Turf strip unsafe (flooded areas)(4-7)

**MT. SUNAPEE, LAKE SUNAPEE-New base. Lat. 72-04, long. 43-20-30.

NEWPORT ARPT-60' trees N end N/S strip. (10-9)

WHITEFIELD ARPT-Ski-equipped acft land off rnwy. (2-20)

[NEW JERSEY]

ATLANTIC CITY-RADIO: VHF range operating on test basis only.

ATLANTIC CITY NAS-Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hr previous arrangement with Opers Officer. (12-11)

CALDWELL-RADIO: VAR range will comm soon at lat. 40-50-45, long. 74-23-00. Freq. 109.1 mcs. Ident. "NU". Visual courses: 112°, 292°; aural courses: 22°, 202°. Var. 11° W. Class: VARW. (3-24)

CALDWELL-WRIGHT ARPT (CALDWELL)-Right traffic when taking off and landing from SW. (4-24)

CAPE MAY CGAS-Closed to trans acft except in emerg (caretaker status-no facs)

COYLE ARPT (CHATSWORTH)-Avail. emerg. use only. (3-3)

**GENERAL MOTORS ARPT (LINDEN)-Lat. 40-36-30, long. 74-14-00. (4-3). See page 70.

HADLEY ARPT (NEW BRUNSWICK)-Use only cinder rnwys in wet weather. (2-27)

LINCOLN PARK ARPT-Right traffic N, NW, NE winds. (5-7)

LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S. (1-29)

LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)

MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)

MILLVILLE ARPT-Rnwys incorrectly mrkd. N/S rnwy 18-36 should be 1-19; NE/SW rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE rnwy 12-30 should be 14-32. Bndry lgts inop. Ctc lgts E/W, N/S rnwys inop. (4-4)

NEWARK-RADIO: Rng flgt-checked May 9, SE course displaced 6° SW, bear. 323°.

NEWARK ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile grnd traffic. (4-23). FLD: Closed to all acft without 2-way radio. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 28 rough. Pilots are to make approach for numeral on rnwy. No hangar space for Army acft. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to red approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip. Rnwy 1-19 closed. (4-28). To reduce the noise of acft flying over Newark residential areas and to avoid tall bldg section following must be complied with: (1) Increase the rate of climb as much as practicable. (2) N-bound or E-bound acft make left turn as soon as practicable when taking off to SW. (3) Make a half left turn as soon as practicable when taking off to W. (4) Make a half right turn as soon as practicable when taking off to N. Pass at least 500' to E of gas tanks lctd in Harrison when making a southerly direction approach to the N/S rnwy. (5) Whenever practicable the arpt traffic controller will suggest the use of rnwys which will permit the acft to avoid passing over residential and tall bldg areas. (9-7)

OCEAN CO. ARPT (ADAMSTON)-Const NE/SW strip. (2-25)

RED BANK ARPT-Area starting from hwy W 1200' to the intersection of the N/S strip unusable. E end E/W strip seeded. Closed to acft over 10,000' except by prior phone arrangements. (4-22)

[redacted]

SOMERSET ARPT (SOMERVILLE)-On W take-off start left turn as soon as practicable. On NW take-off make gentle right turn as soon as practicable followed by wide left hand pattern. (3-16)

★TETERBORO AIR TERMINAL (BENDIX)-RADIO: Private tower relctd approx 600' E of old lctn. (5-10) FLD: Const. Pilots using fld so so at their own risk. Rdo rcvrs rqrd all acft using fld. Unsurfaced taxiways rough. (4-8)

[redacted]

ALAMOGORDO AAF-RADIO: Army range inop. Army twr freq of 126.18 mcs inop (4-8). FLD: Ltd lighting Rnwys 3-21, 7-25, 15-33. Wind tee inop. (3-25)

ALBUQUERQUE ARPT-Used by WAA. Available only for delivery surplus acft, prospective purchasers of surplus acft or parts, or in emerg. E/W rnwy closed. (4-18)

CLOVIS AAF-No opers office. Avail. days only-lgts inop. (3-24)

CONDRON FLD-See notice under White Sands Proving Ground, N. Mex.

CREWS FLD, SITE 42, EO-PU (RATON)-Avail. days only. (3-18)

GALLUP ARPT-E/W rnwy closed. (3-18)

GALLUP CITY ARPT-ENE/WSW strip under const. (3-18)

HOBBS AAF-Rnwys 3-21, 12-30 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)

HOBBS MUNICIPAL AIRPORT-Allway landing area rough. Heavy aircraft use rnwys only. (3-18)

JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened. (5-28)

KIRTLAND FLD (ALBUQUERQUE)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile grnd traffic. (4-5)

LAS VEGAS ARPT-Use rnwys only, bal fld unsafe. (2-21)

LOVINGTON ARPT-Cattle on fld. (9-16)

MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (3-18)

PARKER FLD (RUIDOSO-FT. STANTON)-Cattle on fld. (9-16)

ROSWELL-Inten inst train. on Roswell Rdo Rng below, above, and in overcast. Acft inbound to Roswell or operating in vicinity under IFR, contact Roswell Rdo for instructions.

ROSWELL AAF-Ltd parking. (2-16)

SANTA FE ARPT, new-Army acft rstd from refueling except in extreme emerg. (1-15)

TULAROSA ARPT-Use E/W strip only. (9-16)

WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condron Fld, White Sands Proving Ground will be cleared to Biggs Fld, Tex. and will obtain permissi on and instructions from Biggs Fld Opers before landing at Condron Fld. When Condron Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by rdo prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condron Fld. (10-14)

[redacted]

ALBANY ARPT-Equip. on fld intermittently. (2-22)

AMSTERDAM ARPT-CLOSED (soft). (4-11)

**BALLSTON SPA ARPT-No lgts.

BATH-H'SPORT ARPT (HAMMONDSPORT)-W landings and take-offs right traffic, E left traffic. (3-28)

BENDER-BRENTWOOD FIELD (BRENTWOOD)-Construction on field - caution. (2-18)

BRIGGS FIELD (CARLISLE)-Right traffic pattern in use. (10-15)

BUFFALO AIRPORT-Acft entering and departing Buffalo traffic zone use ctn-new airport 4000' ESE. Rnwys and taxi strips mrkd with black flags for winter opers.

[redacted]

Lclzr screen 16' beyond lclzr bldg SW end NE/SW rnwy, lgtd. Projects 4' above obst lgts on lclzr bldg. (3-13)

CHEMUNG COUNTY ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practices consistent with safety. (2-22)

CHRISTIE ARPT-Fld soft. Closed to trans acft. (3-8)

★FLOYD BENNETT FLD NAS (NEW YORK)-RADIO: Navy GCA unit now transmits on low frequency 388 kcs in addition to regular assigned GCA frequencies. (5-6). FLD: Closed 1700 to 0800. (2-20).

FLUSHING ARPT-Right traffic on N and NW wind from 315° to 360°. All turns to left on ground. (3-28)

FORT PLAINT INT, SITE 40A, CV-AZ-Unsafe heavy acft-soft. Lgt acft use ctn. (4-5)

FULTON ARPK-Right traffic when landing S and SE. (3-31)

GLOVE CITY ARPT (GLOVERSVILLE)-CLOSED (deep mud). (4-10)

**GLOVERSVILLE-Correct boundaries of large danger area approximately 12 miles N to read as follows: beginning at latitude 43-48-15, longitude 74-15-30; SE to latitude 43-20-00, longitude 74-00-10; SW to latitude 43-08-40, longitude 74-39-00; NW to latitude 43-37-00, longitude 74-54-40; NE to point of beginning.

GRUMMAN AIRPORT (BETHPAGE)-Closed to all traffic Sunday, May 25, 1947. Model meet. Free flight models to 1000' around fld. (4-29)

HILTON AIRPORT-Use rnwys, taxi strips only, balance field closed. (4-1)

HYLAN FLD (ROCHESTER)-Use strips only-ctn when wet. (5-18)

IDLEWILD-RADIO: Range courses aligned by ground check only. (5-8) CAA ILS comm Apr 9, for purposes of pilot training and familiarization only. Hrs of operation: 8:30 to 5:00, Monday through Friday. Serves Rnwy C (ENE/WSW), with approach from WSW. Mag. heading for landing: 72°. Lclzr freq. 109.5 mcs., ident. "NY". Glide path freq. 332.6 mcs, angle: 2 6°. Outer mrkr lctd 5.8 mi from end of Rnwy C, keyed 2 dashes per second. All acft utilizing this installation must clear with Navy twr at Floyd Bennett Field. Idlewild Airport is under const and minimum alt. permitted during simulated approaches will be 200' (4-11)

IDLEWILD-Obst lgts atop all loop antenna poles inop except on SE pole. (1-13)

IDLEWILD ARPT-Not yet opened - under const. (3-13)

ISLIP-RADIO: Commissioning of VHF range has been indefinitely postponed. (5-2)

**ITHACA ARPT-Rotating white bcn installed atop Robinson Airlines hangar (4-26) Right traffic pattern in use. (3-3)

KINGSTON-ULSTER AIRPORT (KINGSTON)-ESE/WNW strip closed. (3-20)

LA GUARDIA FIELD (NEW YORK)-RADIO: Tower equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (3-25). FLD: ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy, lgtd. Obst lgts atop lclzr shack approach end Rnwy 2 2 and end Rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. 40' GCA truck and trailer 500' W of intersection Rnwys 4-22, and 13.31, mrkd. (2-24)

MacARTHUR FLD (ISLIP)-Mobile ILS units 20' high on all rnwys 500' from rnwy centerline, lgtd. Acft use ctn-unconventional flight test operations. Equipment on field daylight hrs. (2-21)

MASSENA-RADIO: About May 19 VHF rng will be inop until about May 29, for realignment of visual courses to: 75°,255°; aural courses to: 165°,345°. Blue hemisphere NW. "N" hemisphere NE. (5-9)

MASSENA-156' twr Rdo Stn WMSA lctd 232°, 3.0 mi SW, temp lgtd with red lgts on top. Upon completion lighting facs will consist of 300 mm flash. bcn atop and four side lgts; two at 1/3 level. 2 at 2/3 level. (9-9)

MASSENA ARPT-Use rnwys. taxi strips only - turf rough. (2-21)

MITCHEL FLD (HEMPSTEAD)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 18-36 closed. (4-25)

NANTICOKE VALLEY ARPK (MAINE)-Flares avail. in emerg. (3-17)

NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)

NEW HACKENSACK ARPT-CLOSED. (3-10)

NEW HACKENSACK. BCN SITE 6, LG-UL-Soon, rot, bcn with green course lgts will be comm at lat 41-38-09, long. 75-52-34. Elev. 261' MSL. (11-25)

NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following areas over New York Harbor: beginning at lat 40-36, long. 73-15; to lat 40-49, long. 72-30; to lat 40-00, long. 72-30; to lat 40-00, long. 73-15; thence to point of beginning. (2-6) THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.

NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", see Special Notice, page 146.

NEW YORK CITY-See Special Notice "Restriction on Flight of AAF Acft in New York City area".

••NEW YORK, ROUSES POINT-New seaplane base. Lat 44-59-15, long. 73-21-30.

NIAGARA FALLS ARPT-Use rnwys. taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd from refueling except in extreme emerg. Obst. rnwy lgts avail. 2000 to 0800. (4-3)

OLEAN ARPT-Fld hazardous. Keep off graded rnwy. Fone prior to using. (3-6)

PENN YAN ARPT-Ctn at N/S and E/W intersection. Soft in wet weather. (3-4)

PICKAIR SEAPLANE BASE (OSSINING)-Unmrkd shad poles in Hudson River. Land in known area only during Apr. and May. (4-11)

••PINE CAMP-Artillery rng has been estab. in vicinity, within the following described area: beginning at lat 44-15-00, long. 75-31-30; SE to lat. 44-11-15, long. 75-25-00; SW to lat 44-00-30, long. 75-35-30; W to lat 44-02-15, long. 75-50-15; NE to point of beginning.

••PULASKI ARPT-Will hereafter be carried as Ross Arpk (Pulaski)

RANDALL'S ARPT (MIDDLETOWN)-Fld soft in wet weather. (3-1)

REPUBLIC FLD (FARMINGDALE)-Closed ngts. No lgt facs. (3-3)

RIDGEWAY ARPK (ROCHESTER)-Use rnwys only-extreme ctn in wet weather.(3-27)

ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days. (2-24)

★ROME AAF-RADIO: Army air/gnd stn now operates on 4765 kcs in addition to freqs previously published. (5-7) FLD: Traffic alt 1500' MSL. Right traffic pattern Rnwys 6,33, left traffic pattern Rnwys 10,15,24. Hospital 3/4 mi from Rnwy 28-avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24.(4-18)

ROSS ARPK (PULASKI)-Use center of rnwys only. Sides soft. (4-5)

SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed ordinance that any person violating traffic pattern. Federal and State regulations subject to a penalty of $100. for each violation. Closed to heavy acft. Right traffic when taking off and landing into the W. (5-7)

SARANAC LAKE ARPT-Use rnwys. taxi strips only-turf rough. (11-27)

••SARANAC LAKE, SAGINAW CLUB-New base. Lat 44-18, long. 74-20.

SCHENECTADY CO. ARPT-Equip. on fld intermittently. Use rnwys only,grass area soft. (3-26)

SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to the E. 800' mtn directly N of fld. (5-5)

••SHELTER ISLAND (LONG ISLAND)-New base. Lat 41-05, long. 72-21.

SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with ctn. (2-21)

SMITHPORT INC. (UTICA)-Hangars under const. Use paved rnwy only. (5-9)

••SOUTHHAMPTON (LONG ISLAND)-New base. Lat 40-52, long. 72-27.

STEPHENTOWN-RADIO: FM to be relctd on E course of Albany, N. Y. rng. (3-6)

STEWART FLD (NEWBURGH)-No Army acft will be cleared this fld under IFR.(4-4)

SYRACUSE MUN. ARPT-Turf areas soft after heavy rains. (2-21)

TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (2-25)

TROY ARPT-Bcn inop. (10-10)

VALLEY AIR PARK (MIDDLEBURG)-Fld soft. Right traffic when landing to NW. New strip under const. Present strip will have equip. on it all summer. (3-17)

WATERTOWN-RADIO: About May 19, VHF rng will be inop until about May 29, for realignment of visual courses to: 45°,225°; aural courses to: 135°,315°. Blue hemisphere "NW", "N" hemisphere NE. (5-9)

WESTCHESTER ARPT INC. (ARMONK)-Const, tree removal equip, trucks on fld. (4-15)

WESTCHESTER CO. ARPT (WHITE PLAINS)-All traffic control lgt signals and rdo signals emanate from the mobile traffic control unit parked on grass on E side of arpt proper. Pilots should disregard new control twr being const until same is comm and mobile unit removed. (5-8)

WESTFIELD INT, SITE 13, CV-AZ-Course lgts will be changed to red approx May 15. (4-22)

WINGDALE ARPT-Avail. lgt acft only-rough. (3-21)

ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N. (1-24)

ASHEVILLE-RADIO: Apr 18, VHF rng comm at lat 35-23-28, long. 82-32-44. Visual courses: 110°,290°; aural courses: 20°,200°. Ctn-rng unmonitored. Unattended and should not be used for navigational purposes. Freq 108.7 mcs. Ident. "VP" Class: VARW. "N" signal to N. Blue sector to W, yellow to E.

ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip. on fld. No rdo facs. (1-7)

ATLANTIC MCAAF-Use in emerg only (caretaker status - no facs).

BALLOON FLD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT. No army maint.

BOGUE MCAAF-Use in emerg only (caretaker status - no facs). (4-16)

BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)

BURLINGTON ARPT-N/S strip and all sod area unusable. Use rnwys only. (2-20)

CAP ARPT (RALEIGH)-S 200' N/S strip unusable. SW 1400' NE/SW strip under const. (2-10)

DOUGLAS ARPT (CHARLOTTE)-Bcn code ident. inop. (2-27)

EDENTON NAS-Use in emerg only (caretaker status - no facs).

ELIZABETH CITY-RADIO: May 1, VHF rng without voice comm at lat 36-14-49, long. 76-17-25. Freq. 108.3 mcs. Ident. "ES" Class: VARW. Aural courses: 126°,306°; visual courses: 38°,218°. "N" signal to N. Blue sector to W, yellow sector to E. Operated on unmonitored basis, unattended and should not be used for navigational purposes. This corrects Airgi Vol 2, No. 2. (5-2)

ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1900 to 0700 except on prior arrangement. Civil acft use only in emerg or with prior permission of the CO. Closed to acft exceeding 60,000 lbs gross wgt.(3-27)

FORT BRAGG-Hvy firing is being conducted in all sections of Ft. Bragg danger area up to 20,000'. All acft must avoid this area shown on Figt Planning Chart 93 herein. Inten. training days with rdo control target planes from fld 6 mi due E of N end Pope Fld. Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.

GASTONIA MUN ARPT-Training program consisting of from 2 to 6 acft in progress ngtly during CFR conditions. All figts conducted below 3000'. (1-29)

GREENSBORO-HIGH POINT ARPT-Both sides rnwy 32 to intersection soft, rutted. Use rnwys only. No Navy svcg facs. (3-25)
HICKORY-RADIO: VHF rng, no voice comm at lat 35-43-30, long. 81-16-48. Visual courses: 72°,252°; aural courses: 162°,342°. Freq. 108.3 mcs. Ident. "HO". Class: VARW. "N" signal to E. Blue sector to N, yellow sector to S. Ctn-unmonitored, unattended and should not be used for navigational purposes.
KINSTON MCAAF-Avail. civil. acft only in emerg. (11-13)
MANTEO-RADIO: Navy FM on SE course of Weeksville NAS Navy rng temp inop. (3-3)
NEW BERN-RADIO: Apr 22, VHF rng, no voice comm at lat 35-05-20, long. 77-06-50. Aural courses: 125°,305°; visual courses: 37°,217°. Freq. 109.9 mcs. Ident. "NB". Class: VARW. "N" signal to N. Blue sector to W, yellow sector to E. Ctn-unmonitored, unattended and should not be used for navigational purposes. This corrects Airgi Vol 2, No. 3.
POPE FLD (FT. BRAGG)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT. BRAGG. 73 oct avail. that fld. (1-31)
RALEIGH-DURHAM ARPT-ILS and transmitter bldgs 900' from NE end NE/SW rnwy. Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. Use rnwys, taxi strips only. (3-5)
ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)
ROCKY MOUNT-RADIO: Apr 22, VHF rng without voice comm at lat 35-59-00, long. 77-43-42. Aural courses: 174°,354°; visual courses: 84°,264°. Freq. 109.1 mcs. Ident. "RT" Class: VARW. "N" signal to E. Blue sector to N, yellow sector to S. Ctn-not monitored, unattended and should not be used for navigational purposes. This corrects Airgi, Vol. 2, No. 3.
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
SMITH REYNOLDS ARPT (WINSTON-SALEM)-NE/SW, N/S rnwy lgts very dim. (3-31)
THOMASVILLE ARPT-Ctn-strip rolling. (3-25)
**WASHINGTON ARPT-Will hereafter be carried as Warren Arpt (Washington).
WEEKSVILLE NAF-LTA-Avail. HTA and LTA acft from 0800-1630, all other times by prior arrangement with the C.O. or Operations Officer. (2-27)
WILMINGTON-RADIO: Apr 22, VHF rng without voice comm at lat 34-21-40, long. 77-53-30; aural courses: 146°,326°; visual courses: 56°,236° Freq. 108.7 mcs. Ident. "VT". Class: VARW. Ctn-not monitored, unattended and should not be used for navigational purposes.
WINSTON-SALEM-RADIO: Soon stn will be shut down for conversion to an SMRLZ fac. (5-7)

[redacted]

BISMARCK-RADIO: Rng figt-checked Apr 29, courses correctly aligned.
BISMARCK ARPT-Equip. on fld intmtly. Use rnwys only. Crash and fire fighting equip. avail. 0800 to 1900 only. (5-1)
CHANDLER ARPT (WILLISTON)-Use strips only, bal fld rough. (5-10)
DAWSON INT, SITE 63, HL-TWIN CITIES-CLOSED (water, mud on fld). (3-24)
DICKINSON ARPT-Bndry lgts E side N/S rnwy inop. (4-27)
FARGO-RADIO: Rng figt-checked Mar 29, courses correctly aligned.
FARGO ARPT-HECTOR FLD-Weather below CFR minimums indicated by oper of bcn days and flash. tetrahedron lgts ngts. (3-13)
GRAND FORKS ARPT-Thirty 50' tanks adj to NE corner fld, temp lgtd. Use rnwys only, soft shoulders. (5-6)
MOHR ARPT (FESSENDEN)-CLOSED (soft). (3-24)
PEMBINA INT, SITE 14A, FO-WG-Holes center of fld W of N/S rnwy. Closed to acft over 5000 lbs. Use rnwys only. (5-4)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Entire fld avail. These data rcvd too late to delete ⓪ symbol.

[redacted]

AKRON ARPT-Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg. on arvl and dptr. Ltd svcg facs only. (5-1)
AKRON-CANTON ARPT (CANTON)-Use rnwys only. No down-wind taxiing on rnwys Equip. on fld days. (5-3)
BEDFORD ARPT-Rough. Center of fld closed, mrkd with red flags. (3-17)
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N, W and SW. (3-1)
BROOKFIELD ARPT-CLOSED (grading). (2-27)
BROOKLYN ARPT (CLEVELAND)-Trans acft land at own risk. (2-22)
BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. (2-26)
CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)
CHADRON ARPT-Use rnwys only. Fld soft in wet weather. (2-25)
CHERRY FORK INT, SITE 4, CC-WA-Unsafe heavy acft (soft). (5-12)
CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)
CLEVELAND ARPT-Trans pilots must register in Term. Bldg upon arvl and dptr. Landing fee on all civil. multi-engine acft. Glide path transmitter and antenna being const 760' NE and 200' W of approach end Rnwy 5L, mrkd. (4-7)
✱CLINTON CO. AAF (WILMINGTON)-RADIO: Army VHF rng in oper on 114.3 mcs. Lat 39-25-00, long. 83-47-30. Visual courses: 50°,230°; aural courses: 140°,320°. (4-8) See pages 46, 60. FLD: Rnwy lgts avail. on one hrs notice. For figt thru danger area, permission must be obtained from Cincinnati ATC Center upon entering or prior to dptr from ATC area. Inten fnst train. being conducted; for danger area outline see Chart Columbus 59. (1-22)
COLDWATER INT, SITE 4, DY-GO-Soft. (3-17)
**CONNEAUT ARPT-Will hereafter be carried under Lakeville Arpt (Conneaut).
**DAYTON-Rdo Stn WING, old twr site lctd 5 mi SE, ABANDONED, twrs removed. (5-1)
DAYTON ARPT-Sod area W Rnwy 18-36 rough-use in emerg only. At ngt and during wet weather use rnwys only. (5-10)
FAIRFIELD-RADIO: Army FM unreliable. (2-17)
GRIESER ARPT (WAUSEON)-Use strips only. (7-3)
GRIMES FLD (URBANA)-Use strips only. Land according to wind tee lctd in center of fld. (3-1)
LAKEVILLE ARPT (CONNEAUT)-Closed to heavy acft. Ctn in wet weather. Use strips only. (3-27)
LAKEWOOD AIRPARK (CINCINNATI)-Right traffic E, left traffic W. (2-23)
LANSDOWNE ARPT (GREENVILLE)-Fld soft when wet. (2-25)
LIMA ARPT-CLOSED (soft). (3-30)
LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclzr of Army ILS inop. (12-30)
LORAIN SKYPORT-NE/SW rnwy temp shortened to 1800' (water main being dug across SW corner fld). Trans acft avoid fld in wet weather. Soft intermittently until June 1. (3-27)
LUNKEN ARPT (CINCINNATI)-Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. (3-28)
MANSFIELD ARPT-Use rnwys, taxi strips only. Equip. on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (5-2)
MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW, NW/SE strips extend into cultivated area W end fld. (6-4)
McKINLEY ARPT (CANTON)-80' twr NW corner fld. (4-28)
MEDINA PRICHARD ARPT (MEDINA)-E/W, NE/SW strips closed. Land N-S in W portion of sodded fld. Watch where lcl acft land. (2-3)
MIDDLETOWN ARPT-Right traffic pattern taking off to S, SW and W.
NORWALK ARPK-CLOSED (soft). (3-24)
NORWALK ARPT-Ditch N end N/S strip adj to side of road. (7-26)
OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use rnwys only. (2-26)

[OHIO]

PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E, NE, SE. (3-3)
PATTERSON FLD (FAIRFIELD)-RADIO: Army ILS (SCS-51) is to be used for CFR training flgts. Flgts will not descend below 200'. FLD: Equip. on fld. Line of telephone poles 50' high near approach Rnwy 34, lgtd. Rnwys 3-21, 7-25 closed; 16-34 only avail. (4-21)
PAULDING CO. ARPT (PAULDING)-Soft when wet, land at own discretion. (2-26)
PORT COLUMBUS NAS (COLUMBUS)-RADIO: Compass lctrs at middle and outer mrkr sites of CAA ILS will be comm soon. (3-8) FLD: Use rnwys only-grass areas rough. Glide path and neon approach lgts not operating pending removal of obsts in approach lane. Port. 30' twr lctd on Curtiss Wright taxi strip W side of fld 800' from E/W rnwy and 800' from NW/SE rnwy daily from 0800 to 1700 until May 19. (4-28)
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)
REED'S FLD (WATERTOWN)-Heavy acft use ctn in wet weather. (4-21)
SKY HAVEN ARPT (NORTHFIELD)-Ctn when wet. (2-24)
STOMBAUGH ARPT (BRYAN)-Ctn wet weather. Use rnwys only. (2-20)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Test flying. Land according to wind tee atop NE corner of hangar. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots must register in Opers Office upon arvl and dptr. (2-26)
TOLEDO ARPT-Equip. on fld 1500' S, intersection. Wind tee free swinging. All sod landings parallel to active rnwy. (5-10)
VAN WERT ARPT-Unsafe heavy acft. Lgt acft land with ctn. Soft when wet. (5-1)
WARD ARPT (BEDFORD)-SW end NE/SW strip under const. Strips unusable during thaws. (3-2)
WELLINGTON ARPT-Right traffic on S and SW rnwys. Const N end N/S rnwy. Closed during thawing weather. (3-13)
WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS ACFT EXCEPT IN EMERG. All trans Army and Navy acft use Patterson Fld. (3-18)
★YOUNGSTOWN ARPT-RADIO: May 1, CAA assumed oper of municipal twr on 24 hr. basis. See page 50. FLD: Use rnwys only. Equip. on fld. (3-13)
ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded areas. Tetrahedron ngts on req only. Rnwy in use lgtd cont. (3-13)

[OKLA]

ALTUS AAF-Avail. only for delivery surplus mil acft or in emerg. Equip. on and near N/S rnwy. (3-17)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg. only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten ctc and inst train. in progress. (3-11)
CADDO FLYING SERVICE (FT. COBB)-Use with ctn when wet. (3-9)
CIMARRON FLD (YUKON)-Now a WAA Sales and Sto. Center. No svcg, repairs or overngt sto. Planes parked on fld. 4 strips indicated by pylons and mrkrs. Lime mrkings center of each strip. (3-17)
COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail.(3-17)
FORT SILL-Between May 15 and May 20 inclusive artillery firing range estab. in vicinity within the following described area: beginning at lat 34-47-00, long. 98-21-00; S at lat 34-36-00; W to long 98-24-00; N to 34-47-00; E to point of beginning.
GAGE -RADIO: Soon, SW course will be realigned to 39°. (4-25)
GAGE ARPT- No fuel. (4-30)
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
GUTHRIE MUN ARPT-Course lgts changed to red. Bndry lgts decomm. (3-17)
HATBOX FLD (MUSKOGEE)-Use rnwys only-parked acft.
IDABEL ARPT-Avoid S 1/3 N/S strip after heavy rains. (2-28)
LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (3-17)
MAX WESTHEIMER FLD(NORMAN)Avail. all acft up to 30,000 lbs days only. Lcl traffic avoid flying over bldg area and corporate limits of Norman. (3-17)
NUCKOLS FLD (OKLAHOMA CITY)-Use rnwys only. (1-14)
POST FLD(FT. SILL)-All except liaison acft use rnwy. Rnwy unlgtd; closed ngts. Const, equip. on fld. Bcn atop water twr inop. (3-7)
ROOSEVELT-RADIO: Ctn-VHF rng unmonitored. (4-10)
SHAWNEE ARPT-Use rnwys, taxi strips only. (3-17)
STILLWATER ARPT NO. 1-325' twr Rdo Stn KSPI being erected 4 mi SSE. (160°) true. (2-20)
★TINKER FLD (OKLAHOMA CITY)-RADIO: Army rng reliable for homing only.(3-6) Army air/gnd stn now operates on 4765 kcs in addition to previously published freqs. (5-6) FLD: Use rnwys, taxiways only. Stored acft adj rnwys. W ramp congested. (3-6)
TULSA ARPT-RADIO: Glide path of CAA ILS inop. (4-7) FLD: Pilots without rdo watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only. (3-25)
★WILL ROGERS FLD (OKLAHOMA CITY)-RADIO: Effect May 1, approach control procedures inaugurated. The Mustang approach control FM, 7.7 mi W on the W course of the Oklahoma City rng will be utilized as the holding fix. Approach control transmitting freqs are 118.7,109.9 mcs, 350,272 kcs. FLD: Bndry lgts inop-ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. Use rnwys, taxi strips only. (4-9)
WOODRING FLD (ENID)-Use rnwys only. (8-5)

[OREGON]

ASTORIA-RADIO: About May 26, ident of Rng oper by Port of Astoria will be changed to "AST". These data rcvd too late for Ⓡ symbol.
BAKER ARPT-Unlgtd trench approx 2' deep off rnwys near center of fld, within 5' of NW/SE, E/W rnwys, near center. Use rnwys only. (5-12)
BEND ARPT (old)-Usable in emerg. (5-2) These data rcvd too late for Ⓘ symbol.
CIVIL AIR PATROL ARPT (WORDEN)-Name changed to Tulana Arpt. (5-2) See page 20.
COASTWAY SCHOOL OF AERONAUTICS (TILLAMOOK)-Right traffic W takeoffs and landings. (3-17)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade. (6-5)
HOOD RIVER ARPT-Avail. lgt acft. Soft when wet. (3-13)
KLAMATH FALLS ARPT-Rnwy lgts Rnwy 7-25 inop. (2-19)
LEXINGTON ARPT-Right traffic when landing to the E. (4-28)
MAHLON SWEET FLD (EUGENE)-Equip. on fld. Use rnwys only. (5-2)
MEDFORD AAF-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or flood lgts. No maintenance mil acft. (3-12)
PILOT ROCK ARPT-Usable lgt acft. (5-2)
**PORTLAND AAB-Name changed to Portland Arpt. (4-24)
PORTLAND ARPT-RADIO: Glide path of CAA ILS temp inop, disregard spurious signals. (4-11) FLD: Acft landing this fld must have workable 2-way rdo. No facs for svcg civil acft. (4-24)
ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry. (12-3)
SANTIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W. (3-13)
SEASIDE ARPT-Right traffic S takeoffs and landings. (3-17)
SUTHERLIN SKY RANCH ARPT-CLOSED. (3-22)
**THE DALLES ARPT-Wind tee relctd 150 yds NE Admin Bldg. (5-6) NE/SW rnwy unlgtd. Pole line SW unlgtd. (3-19)
TILLAMOOK NAS-Rot. bcn operates from sunset to sunrise and during IFR conditions. Ctn during low visibility. High terrain surrounds stn in all quadrants. (2-13)

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TROUTDALE ARPT-Parked acft. (3-13)
TULANA ARPT (WORDEN)-Soft when wet. Pilots use at own risk. (5-2)

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ALLENTOWN-RADIO: VHF range comm Apr 24, operating without voice at lat 40-44-25, long 75-27-20. Freq. 109.1 mcs. Ident. "XA". Visual courses: 107°, 287°; aural courses: 17°, 197°. "N" signal to E Blue sector to N, yellow sector to S. Bear. from stn to N end N/S rnwy Allentown-Bethlehem Arpt: 178°, 5.7 mi. Class: VARW. This corrects "AIRGI' Vol. 2, No. 3. FLD: Areas off rnwys soft in wet weather. Floodlgts Rnwys 9,14,18 inop. 150' twr Rdo Stn WSAN being erected 7 mi S (180°) true. (3-20)
BARRETT ARPT (CANADENSIS)-CLOSED (const). (12-18)
BEAVER FALLS ARPT-Patterson Heights Arpt.-1.5 mi S Beaver Falls is not under const. entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2)
BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (4-8)
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (3-14)
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (3-11)
CECIL-RADIO: Visual and aural FM signals reported in Vicinity of Imperial, Pa. (7-17)
CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. Soft when wet. (2-21)
CLEARFIELD ARPT-Right traffic when landing or taking off to the E, NE and SE. (4-3)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. Pwr lines E. (3-10)
CUB HAVEN AUX. SEAPLANE BASE (LOCK HAVEN)-Closed winter months. (11-15)
DALESVILLE ARPT-Right traffic used on S to SE take-off.
EAST SCRANTON ARPT (SCRANTON)-Emerg use only. (5-28)
GORDON ARPT-NW/SE rnwy closed. Section being repaired mrkd with 50' white X and rnwy mrkd with red flags. (3-19)
GREATER PITTSBURGH ARPT (PITTSBURGH)-Use rnwys only-shoulders soft. CFR plans only. Ltd Army facs. Rnwy 32 closed. Equip. on fld. (4-29)
GREEN ACRES ARPT (BEAVER MEADOWS)-Strips soft when wet, use sodded area only. Const N/S rnwy. Use NW/SE, E/W, NE/SW strips. (2-21)
**GREEN ACRES ARPT (HAZLETON)-Will hereafter be carried under (Beaver. Meadows)- Lat 40-54-15, long 75-55-30. See page 48.
GREENE CO. ARPT (WAYNESBURG)-Temp 50' derrick adj to N side of NE/SW rnwy mrkd. (1-28)
HARRISBURG STATE ARPT-Use rnwys only. (3-12)
JOHNSTOWN ARPT-Use rnwys only. (11-22)
KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (3-13)
KEYSTONE PARK (EMPORIUM)-Lat 41-30-15, long 78-14-45.
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd. (3-12)
LANSDALE ARPT-Right traffic when taking off to the E. (5-7)
MILLARD ARPT (ANNVILLE)-Sod area soft Use rnwys only. (1-22)
MT. POCONO ARPT, SITE 21, BJ-LG-Ruts along extreme SE side NE/SW rnwy. Use ctn when taxiing this area. (3-24)
MT UNION ARPT-Left traffic 600' pattern. Student training. Land according to wind tee S end fld. Wind sock atop hangar In wet weather, use only rnwys, taxi strips. (3-13)
**MT. VIEW ARPT (NICHOLSON)-Will hereafter be carried as Nicholson-Mt View Arpt (Nicholson).

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MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (1-27)
OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld. 81' hight tension wires across approach zones Rnwys 29, 14. Lgtd obsts between Rnwys 29 32, approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use rnwys 11, 32 for ngt landings. (4-25)
PHILADELPHIA NORTHEAST ARPT-Use rnwys only. Equip., grandstand on ramp. Trans pilots must register in Admin Bldg on arvl and dptr. (5-6)
★PHILADELPHIA SOUTHWEST ARPT-RADIO: CAA ILS comm May 2. Lclzr lctd 216' E of E end Rnwy 9. No simultaneous voice. Glide path lctd 800' E of W end Rnwy 9. Glide angle 2.4°. Sysoper on an unmonitored basis. Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-14) FLD: Closed to non-rdo-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. (3-13)
PITTSBURGH-RADIO: DF stn temp inop. (11-24)
PITTSBURGH-ALLEGHENY CO ARPT-N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo equipped acft. Truck and trailer N edge NW/SE rnwy, lgtd. Flash. ident. bcn inop. (4-19)
PITTSBURGH-BETTIS ARPT-Right traffic on NE and NW rnwys. (3-14)
PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (3-14)
READING ARPT-RADIO: CAA ILS oper on Rnwy 36 on exper basis. Lclzr on 109.5 mcs. Not flight-checked Lclzr temp inop. (5-6) FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip on fld days. Right traffic on Rnwys 13 and 18. (1-15)
STAR VALLEY ARPK (CHARLEROI)-Equip on fld intermittently. Ctn in wet weather. (4-1)
**SUNBURY ARPT-NO BCN (5-5) See page 52.
SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings. (4-8)
VALLEY FORGE AIRPORT (NORRISTOWN)-E/W, NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic temp; on W or SW use left traffic. (3-13)
WEST CHESTER ARPT-Strips under const. (4-15)
WILKES-BARRE-SCRANTON ARPT (WILKES-BARRE)-Closed ngts. (4-23)
WILKES-BARRE-WYOMING VALLEY ARPT-Use rnwys only. Closed ngts. Bndry and obst lgts avail. in emerg or by prior req. 380' rdo twr being erected 7 mi S (170° true). (5-2)
WILLIAMSPORT-RADIO: Rng figt-checked May 10, courses correctly aligned. FLD: Closed ngts. Rnwy lgts avail for emerg landings or by prior req. (4-8)
WILLOW GROVE NAS-Closed from official sunset to 0800. (3-14)
WINGS FLD (AMBLER)-Being seeded. Equip. on fld. (3-26)

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CHARLESTOWN NAAS-Closed 1800 to 0700. Flights desiring landings during closed hrs must notify stn 1 hr prior ETA. (3-13)
**GREENE ARPT; T.F. (PROVIDENCE)-Temp wind sock lctd turf area removed. Controlled tetrahedron comm May 5. (5-8) Soft spot on turf area S of rnwy intersection, mrkd. During daylgt hrs arpt rstd to acft equipped with at least a functioning 200 to 400 kc rcvr. During hrs of darkness rstd to acft with functioning 2-way rdo. (5-8)
PROVIDENCE-RADIO: VHF range will be comm soon at lat 41-40-32, long 71-50-49. Freq 108.7 mcs Ident "PR" Visual courses: 59°, 239°. Aural courses: 149°, 329°.

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CLARK FLD (CHARLESTON)-Strips rough (4-28)

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CONGAREE FLD (COLUMBIA)-NG svcg not yet avail. (3-25)
FLORENCE ARPT-Closed ngts (bcn,rnwy,obst lgts inop). Use rnwys only. (3-13)
GEORGETOWN CO; ARPT (GEORGETOWN)-Bcn inop. (4-28)
GREENVILLE AAB-Occasional heavy glider traffic. Maintenance 0830 to 1700 only. Acft parked on E/W rnwy. (4-1)
JENNINGS ARPT (ORANGEBURG)-115' unlgtd derrick 3/4 N. (3-21)
LEXINGTON CO; ARPT (COLUMBIA)-RADIO' Twr inop (4-24) FLD' Control of air traffic discont. Bndry lgts inop. (4-11)
MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. (5-1)
MYRTLE BEACH-RADIO: Apr 22, VHF range without voice comm at lat 33-43-20, long 78-53-15. Aural courses; 145°, 325°; visual courses: 53°, 233°. Freq. 108.3 mcs. Ident. "MU". "N" signal to N. Blue sector to W, yellow sector to E CLASS: VARW; Ctn-unmonitored, unattended and should not be used for navigational purposes. This corrects Airgi Vol. 2, No. 3.
MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 59 mi radius during IFR. (12-17)
OWENS FLD (COLUMBIA)-Use rnwys only. Req pilots avoid pivoting acft on NW end NW-SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd. (4-8)
PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no facs).
SHAW FLD (SUMTER)-No 63, 91 oct. (12-11)
WOODWARD FLD (CAMDEN)-Use rnwys, taxi strips only-fld tie-downs in this area No facs for closing flight plans other than fone. Flight plans should be closed with Shaw Fld twr before landing. Closed ngts. (4-28)

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ANDERSON ARPT (MITCHELL)-Areas off rnwys off rnwys soft in wet weather.
BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (3-27)
BIEDENFELT FLD (FAULKTON)-Hay stacks on fld. Use strips only. (3-27)
BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn. (3-27)
★HURON-RADIO: Adtnl voice avail on 111.1 mcs. (4-29)
**RAPID CITY-Bombing and gunnery range estab. approx 43 mi N within the following described boundaries: N by lat 44-44-30; E by long. 102-59-00' S by lat. 44-40-45; W by long. 103-04-25.
★SIOUX FALLS-RADIO' Adtnl voice fac avail. on 111.1 mcs. (5-1)
SIOUX FALLS MUN; ARPT-Use rnwys only. Tetrahedron rmvd. Infld rough 100' E of center of NE/SW rnwy, mrkd. (4-8)
WATERTOWN-RADIO: 122.1 mc rcvr temp inop. (5-6)
W;W;HOWES ARPT (HURON)-Closed to acft exceeding 25,500 obs. (5-5)

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ABERNATHY ARPT (PULASKI)-Lat 35-08-45, long 87-03-30.
★BERRY FLD (NASHVILLE)-RADIO: Outer mrkr and outer compass lctr of CAA ILS comm 5.7 mi from S end Rnwy 2L-20R, flgt-checked May 5. See page 90. Outer mrkr and outer compass lctr temp inop, unmonitored. May 12, ILS shut down until about June 30, for modernization and addition of voice. Correct freq of middle compass lctr of CAA ILS to 356 kcs. (4-29) FLD: Use rnwy only-rnwy, taxiway shoulders soft. (1-13)
CHATTANOOGA ARPT-LOVELL FLD-RADIO· 126.18 mc transmitter and rcvr at CAA twr temp inop. (5-6) FLD: Intermittent dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (2-27)
CORNELIA FORT ARPK (NASHVILLE)-Landings and take-offs to S use left traffic, to N right traffic. All approaches must be 180° side from 800'. (5-7)
CUMBERLAND FLD (NASHVILLE)-Strips under const.
DYERSBURG-RADIO: Apr 22, VHF range without voice comm at lat 36-01-11, long 89-19-00. Aural courses: 106°,286°; visual courses;16°, 196°. Freq. 109.1 mcs. Ident. "DJ" Class: VARW. "N" signal to N. Blue sector to W, yellow sector to E. Ctn-unmonitored, unattended and should not be used for navigational purposes.
EMBRY RIDDLE FIELD (UNION CITY)-Use rnwys only - parked acft.
**KINGSTON-RADIO: FM coordinates: lat. 35-47-30, long 84-36-25.
**KNOXVILLE-MC GHEE-TYSON APRT-Inst approach lgt system installed. (5-6) See page 92. S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin Bldg. (3-13)
LEBANON AIRPORT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws (11-26)
McKELLAR ARPT (JACKSON)-Use rnwys only - parked acft.
★MEMPHIS ARPT-RADIO: May 7, outer mrkr and outer compass lctr of CAA ILS relctd 4.88 mi from the W end of the E/W rnwy. Middle compass lctr flgt-checked May 7, oper normal. Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 MPH. At such times, traffic will be controlled by lgt gun signal from lctr atop term bldg on S side arpt. (11-19) FLD: 470'-twrs of Arkansas Power and Light Co. lctd 12 mi W (270°) true at lat 35-04-16), long 90-12-07) obst lgtd at three levels, 213', 320' and flash rot bcn on top. (4-25) Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way radio transmitting on one of the following freqs: 3105,4495,6210 kcs. Other acft may land by obtaining previous authorization from CAA Inspector. Student instruction in private acft not permitted Ltd facs No 91 oct. (1-16)
MEMPHIS FLY ING SERVICE-Right traffic N take-offs and landings. left traffic S take-offs and landings. NE/SW, E/W rnwys closed. (2-24)
MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flight plans should be addressed to "MEMPHIS NAVY" Exten flight opers in 15 mi radius. Traffic left at 1000'. Red rot. bcn indicates IFR Unsafe for acft over 27,000 lbs. (5-10)
OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only (1-13)
★SMYRNA AAF (NASHVILLE)-RADIO: Army air/gnd stn now operates on 4765 kcs in addition to freqs previously published. (5-6) Army ILS temp inop. (3-7)
TRI CITY ARPT-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. FLD' Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough Soft when wet. (4-8)

[redacted]

ABILENE-RADIO: Stn guards 3117.5 kcs 2300 to 0700.
ABILENE AIR TERMINAL-E/W rnwy avail only on permission of control twr. (3-13
ALAMO-RADIO: About May 20, rng stn will be shut down for approx 1 week during conversion to type SMRLZ fac. (4-30)
ALICE ARPT-Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegatation. (3-17)
ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (3-17)
ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe-NW/SE rnwy usable with ctn. Rnwy lgts inop. (3-17)
ASHERTON ARPT-High brush-use strips with ctn. (3-17)
ATLANTA MUN ARPT-Cattle on fld. (11-15)
AUSTIN-RADIO' Stn guards 3117.5 kcs 2300 to 0700. Range flight-checked, courses correctly aligned, break in stn location marker light pattern. (5-23)

AUSTWELL INT, SITE 5A, CR-HU-Unsafe (soft, wet). (4-14)
AVENGER FLD (SWEETWATER)-Use rnwys only. (3-21)
**BAY CITY ARPT-ABANDONED.
BERGSTROM FLD (AUSTIN)-RADIO: Army ILS temp inop. (3-7) FLD: NE/SW, NW/SE rnwys closed. (4-23)
BIGGS FLD (EL PASO)-See notice under White Sands Proving Ground, N.M.(12-26)
BIG SPRING-RADIO: Stn gds 3117.5 kcs 2300 to 0700. (2-27)
BROOKS FLD (SAN ANTONIO)-Equip. on fld. (3-24)
BROWNSVILLE-RADIO: Commun stn gds 3117.5 kcs during hrs 2400 to 0800. (2-23)
BRUCE FLD (BALLINGER)-Holes in fld-use rnwys only. (3-17)
CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)
CHILDRESS-RADIO: Ctn - VHF range unmonitored. (4-10)
CLEBURNE NORTHWEST ARPT-250' twr rdo stn KCLE being erected 1.5 mi NNE (28° true). (2-3)
CLEVELAND-RADIO: Ctn - VHF range unmonitored. (4-23)
CLIFF MAUS FLD (CORPUS CHRISTI)-Use rnwys only during wet weather. 180' rdo twr 2.3 mi NNW. (4-23)
COMMERCIAL ARPT (EDINBURG)-Two 250' twrs being erected 2 mi W (273°true) Rdo Stn KCBD erecting three 315' twrs 2.5 mi SE (123° true). (3-24)
CORPUS CHRISTI-RADIO: Commun stn guards 3117.5 kcs between hrs 2300 to .0700. (2-25)
**CORPUS CHRISTI NAS-165' oil derrick, 1-3/4 mi SSE completed, obst lgtd. (5-6)
CUDDIHY FLD (CORPUS CHRISTI)-RADIO: Municipal twr comm. Operates 1230 to 2130 daily except Weds. Lgt gun oper only. (3-21). FLD: Traffic left 600'. Bndry, obst, rnwy lgts and tetrahedron avail. sunset to 2300 only. (4-14)
CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings to be made within orange cone bndrys. (3-12)
**DALHART ARPT-6.2 mi SSE ABANDONED.
DENTON ARPT-Use N/S rnwy only. (2-21)
DIMMIT COUNTY ARPT (CARRIZO SPRINGS)-Use in emerg only. Const. (2-24)
DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)
**EAST SIDE ARPT (LONGVIEW)-145' twr of FM Rdo Stn KAKU erected 1 mi NW (320° true) at lat 32-31-59, long. 94-43-13, obst lgtd. (5-1) 320' rdo twr being erected 3 mi SSW (196° true). (2-25)
ECTOR CO. ARPT (ODESSA)-S end NNW/SSE, and ENE/WSW strips unusable-const (5-10)
**EDNA ARPT-1.5 mi ENE ABANDONED.
EGYPT, BCN SITE 13, ZN-HU-Soon will be perm discont. (12-12)
ELDORADO ARPT-E/W strip soft in wet weather. (3-17)
ELLINGTON FLD (HOUSTON)-Closed to VHB acft except in emerg. (4-14)
EL PASO-RADIO: Soon N and SE courses will be realigned to 177° and 330°. (5-2). "A" and "N" quadrants will be reversed. Soon MHW fac will be comm on N course of El Paso rng, at lat 31-57-11, long. 106-16-25, approx 11 mi from rng stn. Freq. 317 kcs. Ident. "P". (4-29)
ENGLISH FLD (AMARILLO)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-18) FLD: Use rnwys, taxi strips only. (3-1) 175' tank being erected 6 mi WSW (255° true). 250' derrick being used during const, lgtd. (4-5)
FAIRCHILDS, BCN SITE 16, ZN-HU-Soon will be perm discont. (12-12)
FLORESVILLE, BCN SITE 2, ZN-HU-Soon will be perm discont. (12-12)
FORNEY-RADIO: FM on E course of Dallas Range inop. (12-31)
FORT WORTH AAF-E/W rnwy, Rnwy 17R-35L closed. 40' trees immediate end Rnwy 35L. (3-27)
FORT WORTH SEAPLANE BASE-Proximity to AAF calls for the use of discretion in circling the Seaplane Base. Traffic patterns are all away from the AAF. Ramps and beaching dollies under const. (1-8)
GARWOOD, BCN SITE 11, ZN-HU-Soon will be perm discont. (12-12)
GASKIN FLD (SHERMAN)-Cattle on rnwys-emerg landings only. (3-24)
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (3-17)
★GOODFELLOW FLD (SAN ANGELO)-RADIO: Army twr decomm. (5-7) FLD:
** No lgts or svcg. (5-1). See page 106. Two 251' twrs of Rdo Stn KGKL erected 4 mi N (350° true) at lat 31-29-39, long. 100-24-55, obst lgtd. (4-22)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (4-8)
GUTHRIE-RADIO: Ctn - VHF range unmonitored. (4-10)
HALLETSVILLE, BCN SITE 8, ZN-HU-Soon will be perm discont. (12-12)
HEARNE, BCN SITE 15, GS-WC-Bcn inop.
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. Const on rnwys. (4-1)
HICKS FLD (FT. WORTH)-Use strips only-parked acft. (1-2)
HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather . (1-28)
HITCHCOCK NAF-LTA-RADIO: 6390 kc transmitter and rcvr temp inop. (3-12)
HOUSTON ARPT-Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip. on fld. (4-22)
**JEFFERSON COUNTY ARPT (BEAUMONT)-Red flashes installed atop 233' twr of Rdo Stn KTRM, lctd 9.5 mi NNW at lat 30-03-20, long. 94-07-10. (4-30)
JOACUIN-RADIO: Ctn - VHF range unmonitored. (4-10)
JUNCTION-RADIO: VHF range will be comm soon at lat 30-38-00, long. 99-58-43. Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°, 308°; aural courses: 38°, 218°. (3-21)
KELLY FLD (SAN ANTONIO)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Acft on fld. Use rnwys only. 190' lgtd twr const W of Rnwy 14-32. 150' water twr under const 1-1/2 mi SE, not lgtd. (4-16)
**KEMAH-400' rdo twrs, lctd at lat 29-32-50, long. 95-01-40, obst lgtd. (5-1)
KENDLETON, BCN SITE 14, ZN-HU-Soon will be perm discont. (12-12)
LAMESA ARPT-280' rdo twr being erected approx 3.5 mi SE (130° true). (3-17)
LAREDO-RADIO: Stn lctn mrkr oper erratic. (4-16)
LAREDO MUN. ARPT-Flight opers from old terminal S end fld discont. Fence const across taxiway leading to bldg. Fence lctd approx 600' E of S end Rnwy 35R and in direct line with regular fence at S end fld. This section no longer included in arpt area. All opers being conducted from new terminal W side fld. (4-8)
LONE OAK, BCN SITE 5, DL-LV-Temp discont. (9-18)
LOVE FLD (DALLAS)-Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr ceilometer projector 1000' N of twr. Acft must be equipped with rdo tuned to twr freq. (4-2) 520' rdo twr under const 8.7 mi SE (120° true). (1-30)
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
**MARFA MUN. ARPT (old)-2 mi NE ABANDONED.
MARSHALL ARPT-304' twr being erected 3 mi NW (317° true), lgtd. (2-11)
MEACHAM FLD (FT. WORTH)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (5-7) FLD: In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115° true), temp lgtd. Grain elevator 967' MSL, 9100' N of N end N/S rnwy on extended centerline directly on lclzr course. 1000' extension being const S end N/S rnwy. Equip. in const area. Discontinuance of approach lgt lane on N end N/S rnwy postponed. 285' twr rdo stn KCNC being erected 5 mi SE (135° true). (3-24).
MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lgts. (3-17)
**NACOGDOCHES-285' twr 2 mi ENE completed, obst lgtd. (5-3)
NIXON, BCN SITE 4, ZN-HU-Soon will be perm discont. (12-12)

ORANGE ARPT-Use NW/SE, E/W strips only. Fld flooded after rains. (3-17)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (3-17)
PERRIN FLD (SHERMAN)-Rnwy 3-21 closed. Acft parked S edge fld.
PILGRIM, BCN SITE 5, ZN-HU-Soon will be perm discont. (12-12)
**POTEET ARPT-Correct lat 29-01-45, long. 98-34-45. (3-29)
POUNDS FLD (TYLER)-Use rnwys only, bal fld rough and unsafe. (2-21)
PYOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. (12-27)
RAYMONDVILLE INT, SITE 5, JI-FV-Rough. (3-3)
RIO GRANDE VALLEY INTERNATIONAL ARPT (BROWNSVILLE)-Rnwy 4-22 closed Use rnwys, taxi strips only. Civil acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. 180' rdo twr being erected 3 mi SSE (158° true). (5-5)
ROBERT MUELLER ARPT (AUSTIN)-Acft landing or taking-off on Rnwy 34R use right traffic pattern. Acft landing or taking-off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (5-2)
ROCKPORT ARPT-Closed except in emerg. Fire and crash equip. removed. (3-17)
RUSK CO. ARPT (HENDERSON)-Use rnwys and taxi strips only. (1-30)
SALTILLO, BCN SITE 9, DL-LV-Temp discont. (9-18)
**SAN ANGELO ARPT-Will hereafter be carried as San Angelo Arpt-Mathis Fld. (5-1). See pages 106,120.
SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Stns and adhere to instructions issued by San Antonio A.T.C. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Tower.
SAN ANTONIO ARPT-ALAMO FLD-Acft arriving after dark rqrd to have two-way rdo. (2-27)
SAN BENITO INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)
SAN MARCOS AAF-Ctn-helicopter and liaison pilot training. (10-15)
**SHEPPARD/KELL MUN. ARPT (WICHITA FALLS)-Split beam bcn on water twr 1 mi S discont. 24'r single beam, 6 RPM bcn lctd on W side of fld, cont operation during hrs of darkness and during daylgt hrs when CFR operations are suspended. (5-1) Unlgtd N/S rnwy on W side fld rstd to acft of 450 H.P. or less. NE/SW rnwy closed during hrs of darkness. Left traffic on all rnwys, entering at 45° on downwind leg at 800'. (5-2)
SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Ltd transportation no housing, messing facs. (3-21)
STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 600' above terrain 1167' MSL. Fld and lighting facs in oper until 2230. Rnwy lgts on demand after 2230. Acft entering Stinson Fld control zone after dark shall be equipped with 2-way rdo. (5-11)
T.C.U. ARPT (FORT WORTH)-Use E/W strip in wet weather. (2-21)
TERRELL, BCN SITE 6, FV-AG-Temp discont. (9-18)
TEXARKANA-Demolition operations are being conducted approx 15 mi WSW Texarkana Airport, 0800 - 1615 daily except Sat and Sun. All acft cautioned to fly above 1500' over this area.
TEXARKANA ARPT-400' unlgtd twr Rdo Stn KCMC being erected 4.5 mi WSW (250° true). (4-22)
VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only. (12-30)
VIENNA, BCN SITE 10, ZN-HU-Soon will be perm discont. (12-12)
WHITE FLD (BRADY)-CLOSED. (8-7)

TEXAS

WINK ARPT-Rnwy lgts inop. (4-26)
WOLFE CITY ARPT-Use in emerg only. (2-25).

UTAH

BRYCE CANYON-RADIO: 131.5 mc rcvr and 111.1 mc transmitter temp inop.(10-2)
DELTA ARPT-Trans acft use rnwys, taxi strips only. (4-8)
ENTERPRISE INT, SITE 39, LA-SL-Closed to lgt acft-rough. (5-5)
HANKSVILLE INT, SITE 54, LA-DV-35' unlgtd pole line 600' S of E portion E/W rnwy. (5-10)
HURRICANE ARPT-Soft when wet. (4-3)
★LUCIN-RADIO: Teletype fac installed. Class of stn: BMRLZ-DTV. (5-2)
MILFORD ARPT, SITE 45, LA-SL-Unlgtd bldgs SE corner fld Scof and adj to bcn twr. Trench across taxiway, mrkd. Bndry lgts N and W sides fld disconnected and bndry mrkrs are being removed for rnwy extensions. Dirt areas soft. (3-22)
PROVO ARPT-Entire fld closed to multi-engine acft. E/W rnwy closed. Closed ngts. (4-23)
ROBERT H. HINCKLEY FLD (OGDEN)-NE/SW rnwy lgts inop. N/S rnwy lgts oper cont during hrs of darkness when twr inop. (3-15)
SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. Closed to ngt opers. (4-20)
★SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor. sys which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3) Addnl VHF voice fac avail. on 111.1 mcs. Stn now guards 3105,4495,6210 kcs., 116.1,122.1 mcs. (5-9) These data rcvd too late for inclusion on data page and chart.
SALT LAKE CITY ARPT NO. 1-Prevailing wind rnwy lgts operating ngts. Use rnwys taxiways only,shoulders soft. Right traffic when winds are from S, SE or E. (4-20)
WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip area, from 0800 to 1800. See chart 23.
WENDOVER FLD-Obst lgts on mtns N and W of fld inop. (4-7)

VERMONT

BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)
BURLINGTON ARPT-Use rnwys only. Parked acft N side E/W taxi strip. (4-3)

VIRGINIA

ALBERTA ARPT-ENE/WSW strip rough. Ends, sides ENE/WSW, NNW/SSE strips mrkd by 12' yellow mrkrs. (1-14)
ALEXANDRIA ARPT-NW/SE rnwy lgtd until 1700 every ngt for 1000'. Approx 1500' of AGA reflectors extending beyond the lgts. (2-21)
ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (2-4)
★BLACKSTONE ARPT-294' twr of Rdo Stn WSVS, 14.5 mi NW (303° true) of lat 37-11-56, long. 78-10-19. Red obst lgts each 100' level and stationary flash. bcn on top. (4-7). Tetrahedron oper erratic and lgts inop. (3-3)
BYRD FLD (RICHMOND)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (5-3) FLD: Ltd Army svcg facs. Avoid using 1000' rnwy extensions. Rnwy, taxiway shoulders soft. Acft landing this fld without establishing rdo commun with twr watch carefully for lgt gun signals-twr lctd in center of triangle of rnwys. (2-18)
CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)
**CHILHOWIE INT, SITE 29B, NA-WA-Will hereafter be carried as Chilhowie Arpt. Site 29B, NA-WA.
CHINCOTEAGUE NAAS-Closed 1700 to 0800 except on req with 2 hrs notice. Bcn operated all ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. IFR flight plans accepted only 0800 to 1630

Mon thru Fri except on holidays and on 2 hrs notice. Fld lighting sys under repair unreliable. Use rnwys, taxi strips only-soft shoulders and trenches along sides of rnwys and taxi strips. Equip. on fld. Pilotless rdo-controlled acft operating days Mon thru Fri. Other acft in vcnty proceed with-ctn. (2-28)

DAHLGREN NAF PROVING GROUNDS-CLOSED TO ALL (INCLUDING TRANS MIL) ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Except in emerg or on req (with two hrs notice) the fld is only open 0730 to 1615 Mon thru Fri inclusive. Off. flights must be cleared thru one of the following: Naval Air Stns: Anacostia, D.C.; Patuxent River, Md.; Norfolk, Va.; Quonset Point, R.I.; Cape May CGAS, N.J.; Inyokern NAF, Calif.; NAF Torpedo Stn, Newport, R.I.; Naval Acft Factory Philadelphia, Pa.; Cherry Point MCAS, S.C.; Quantico MCAS, Va.; AAF Proving Gnds, Eglin Fld, Valpariso, Fla.; Langley Fld, Va.; Wright Fld, Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md.; Lakehurst NAS, N. J. (3-10)

DANVILLE-RADIO: INSAC will be recomm soon. (4-9)

DANVILLE ARPT-Use rnwys, taxi strips only, bal fld soft, rough. Only Rnwy 2-20 lgtd ngts. Tetrahedron free swinging. (1-11)

EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-28)

FENTRESS NAAS-Use in emerg only (caretaker status - no facs) (2-19)

HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (3-31)

HOPEWELL ARPT-NE/SW and NW/SE strips under const. (3-21)

**HOPEWELL SEAPLANE BASE-New base. Lat 37-18-15, long. 77-14-00.

**HUMMEL FLD (GREYS POINT)-Recommissioned and open for operations. (4-25)

LANGLEY FLD-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) N course of Army rng swinging 5° W, bear 167°. (1-15) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. (1-14)

LOVING FLD, SITE 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (4-4)

MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status-no facs).(2-19)

MT. VERNON-See Special Notice under District of Columbia.

NORFOLK-RADIO: VHF rng on 108.7 mcs shut down for an indefinite period.(5-8)

NORFOLK NAS-EAST FLD-Pilots on Southbound coastal flgts inbound IFR between 0700-2400 to NAS Norfolk shall estab. rdo contact with Navy Chincoteague Rdo for further clearance instructions from ATC Norfolk. Pilots on Northbound coastal flgts inbound IFR between 0700-1900 to NAS Norfolk shall estab. contact with Navy Weeksville Rdo for further clearance instructions from ATC Norfolk. Pilots on either Southbound or Northbound coastal flgts inbound IFR to NAS Norfolk at other than the above stated hrs contact Norfolk Rdo or Navy Norfolk Twr earliest possible for further clearance instructions. (3-18)

OCEANA NAAS-Facs avail. 0800 to 1630 Mon thru Fri. Acft clearances not accepted at other than designated hrs. Emerg acft clearances accepted any time upon prior notification. (4-8)

ORANGE CO. ARPT-Strips muddy in wet weather. (4-4)

PENINSULA ARPT (HAMPTON)-Right traffic pattern. (1-24)

PRESTON GLENN ARPT (LYNCHBURG)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-8) FLD: Three 205' twrs of Rdo Stn WWOD, 8 1/2 mi NNE at lat 37-26-24, long. 79-12-38. Obst lgts at top will flash. bcns and small lamps at 2 intermediate levels. Twrs are in straight line bear. 105° true N and spaced 57' apart. (4-30) Rdo Stn WLVA has erected transmitter twr atop 2936' mtn top 17 mi N, obst lgtd. Top of twr approx 3000'. (5-5) Use rnwys only during and after wet weather. Two poles 4200' E of E/W rnwy. (2-7)

QUANTICO MCAS-Closed sunset to sunrise except in emerg. (5-6)

RICHMOND-Elko Aux. Fld, 5 mi E of Richmond AAB, is similar in design and layout to the Richmond AAB, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse the two flds.

ROANOKE-RADIO: Following adjustments, courses may have shifted.

SHENANDOAH ARPT-N/S strip under const. Grading equip. on fld. Soft in wet weather. NE/SW strip mrkd by cone mrkrs. (3-15)

UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (3-17)

VALLEY ARPT (WAYNESBORO)-Ctn when wet. (3-17)

WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Rdo or circle fld before landing. (3-7)

WOODRUM FLD (ROANOKE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-10) FLD: Ext. local traffic days. Acft landing without establishing rdo commun with twr must conform to local traffic patterns. Observe twr at all times for lgt gun signals especially on base leg and final approach. Clear rnwy immediately after landing. Mil acft utilizing VHF freq should listen for control twr instructions or observe lgt signals from twr in response to thei r transmissions. All acft departing should determine proper rnwy, and taxi route from twr or operations prior to taxiing (2-28)

SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart #3, Spokane Sectional, and Washington 5 Danger Area Charts).

ARLINGTON AERONAUTICAL SCHOOL ARPT-Unmrkd cable span being erected 11 mi E 78° true. Cable will run N/S between lat 48-13, long. 121-55, on Wheeler Mtn and lat. 48-11-30, long. 121-55-00 on Blue Mtn. Cable anchorage levels at approx 2800' on both Mtns and will be approx 1000' above valley floor Vertical-down-haul will be attached at mid-span terminating at the ground in Jim Creek Valley. Bcn inop. (4-25)

**ARLINGTON NAAS-Name changed to Arlington Aeronautical School Arpt. (4-25)

BARRY'S SKY HARBOR ARPT (TACOMA)-Right traffic, W take-offs and landings. (3-17)

BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt. (2-3)

BOEING FLD (SEATTLE)-Daylgt CFR opers-lgt acft use mrkd dirt landing strip E side fld adj to main rnwy. Traffic patterns made to E at 1000'. Right traffic when taking off to NE. Flash. amber lgt on twr indicates right pattern in relation to dirt landing strip. All turns, taxiing off or back on dirt area made toward twr. Acft using dirt strip avoid flying over main rnwy or approaches. Watch for air and ground traffic. Lgt gun signals for take-offs and final approches only.Heavy acft use rnwys, taxi strips. Equip. on fld. All unscheduled acft landing at Boeing Fld must register with County Fld Office, excepting only those who have made other arrangements with fld management. Equip S of Admin Bldg loading ramp. avoid flagged area, Holes E side main taxiway, N and S of Admin Bldg. (4-4)

BUENA ARPT-Right traffic E take-offs and landings. (3-17)

CLE ELUM ARPT-Right traffic E takeoffs and landings. (3-17)

COUNTY-CITY ARPT (PORT TOWNSEND)-Right traffic E takeoffs and landings.

COUPEVILLE OLF-Closed except in emerg.

EASTON-RADIO: Reactivation of commun stn indefinitely postponed. (5-5)

**FELTS FLD (SPOKANE)-Code bcn atop control twr flashes green code "SM" every ten seconds dusk to dawn. (4-22) Lgt non-rdo equipped acft use mrkd graded area S of main rnwy. Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy marked. Equip. on fld. (4-22)

KENMORE ARPT (BOTHELL)-Avail. emerg use only - cattle. (9-10)

LONGVIEW SKYHARBOR SEAPLANE ANCHORAGE-Right traffic S takeoffs and landings. (3-17)

MARTIN FLD (COLLEGE PLACE)-Construction, equipment on strips. Strip 2500 x 150', S side of field flagged for landing. Taxi strip adjacent. Center of field rough and unsafe for landing. (4-29)

WASHINGTON

McCHORD FLD (TACOMA)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army HF/DF stn inop.(3-20) Army ILS (CAA type) temp inop. Middle mrkr to be relctd and present equip.will be modified. (3-13) FLD: Use rnwys, taxiways only Equip. on fld. (12-11)
MERCER ARPT (SEATTLE)-Right traffic when landing to S. (3-19)
MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. Bcn inop. (3-20)
OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn local and trans acft of approach of scheduled transport acft. Bcn turned on 5 minutes before arvl and turned off upon arvl and landing of acft. (12-7)
PAINE FLD (EVERETT)-Ngt lighting immediately avail. to rdo equipped acft by contacting Everett Rdo. Closed to all other acft between sunset and sunrise except by arrangement with arpt mgr or CAA Commun. Stn. (2-5)
PASCO-See Special Notice (first item under state heading).
PASCO NAS-Use in emerg only (caretaker status-no facs)
PIERSON ARPK (VANCOUVER)-Const. Use North E/W strip only. (3-17)
PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only. (11-26)
PUYALLUP ARPT-Right traffic N takeoffs and landings. (3-17)
RICHLAND AIR BASE-NW/SE strip under const. (8-19)
S & S AIRSTRIP (PUYALLUP)-Right traffic S takeoffs and landings. (3-17)
SAVAGE FLD (CHENNY)-Moderate soil erosion intmtly. (9-14)
SEATTLE NAS-Single-engine acft approach stn from Kirkland at 1000' alts. Seaplane landing approach over Lake Washington from N or S under 200'. Rnwy 14-32 lgtd 30 mins. prior to arvls and take-offs and onreq from sunset to runrise. Tetrahedron lgtd sunset to sunrise. Three lgtd 30' poles 150' E of Rnwy 14-32 near GCA unit. (1-29)
★SEATTLE-TACOMA ARPT-RADIO: CAA ILS comm May 9, boundary mrkr discont. Glide path installed 1150' N of S end of N/S rnwy and 400' W of centerline. Glide angle 2.7°. No voice. Middle and outer mrkrs unmonitored. See page 142. FLD: Equip. on fld days. Const approx 20' N of N end NW/SE rnwy. Glide path bldg and antenna mast being erected 400' W of N/S rnwy and 1150' from the S end thereof. (4-3)
SKY RANCH ARPT (COLLEGE PLACE)-Equip. N end fld days. Use only grass strip S side fld. (5-6)
★SPOKANE AAF-RADIO: AACS, grnd to air stn now operates on 4765 kcs in addition to freqs previously published. (5-9).
SPRAGUE ARPT-Use N side and 1050' W end of strip, bal rocky and soft. Cattle on fld. (9-14)
SUNNYSIDE ARPT-Right traffic, S takeoffs and landings. (3-17)
TONASKET ARPT-Right traffic S or SW takeoffs and landings. (3-17)
**VISTA OLF (KENNEWICK)-Will hereafter be carried as Vista Fld. Emerg. lgtg on prior req. (5-1). See page 4.
WALLA WALLA AAF-No opers office. Equip. on fld days Mon thru Fri.. (3-24)
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
WHIDBEY ISLAND NAS-AULT FLD-Bcn operates during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. (4-3)
WILBUR ARPT-Taxiway const W side of strip. (4-25)

WEST VIRGINIA

ELKINS ARPT-Ctc Elkins Rdo or circle fld before landing. (3-14)
LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (4-10)
SCOTT FLD (BECKLEY)-Use right traffic on N course. (4-7)
WHEELING-RADIO: Ctn-VHF rng unmonitored. (4-9)

WISCONSIN

ANTIGO ARPT-Use with ctn during thawing weather. (3-11)
BOYCEVILLE ARPT-Entire fld avail. These data revd too late to del ete ⓞ symbol
CLINTONVILLE ARPT-6 sod strips avai l..(4-22)
CHAPLIN'S ARPK (PLYMOUTH)-Only E/W strip avail. (3-12)
CRUTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (4-22)
EAU CLAIRE MUN. ARPT-Ctn, equip. on rnwys and fld area. (4-23)

WISCONSIN

GENERAL MITCHELL FLD (MILWAUKEE)- Equip on fld days. Right turn procedure rstd to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi.E taxiway closed. Obst lgt atop 95' chimney SW corner fld inop. Rdo rcvr req for all lcly based acft. E/W rnwy closed until approx June 28-avail. taxing only. (4-28)
GINNOW ARPT (OMRO)-Use strips only. (4-1)
**JEFFERSON ARPT-ABANDONED. (5-9). These data rcvd too late to delete from data page 30.
LA CROSSE ARPT-Use rnwys only. (3-24)
MARSHFIELD ARPT-Temp 125' rdo twrs with ngt lgts erected 8 mi ESE (105° true) (3-24)
MERRILL ARPT-Closed to heavy acft, soft. Lgt planes use at own risk. Use rnwys only. (3-23)
MOREY ARPT (MADISON)-Use strips only. (1-8)
**NORTHERN LAKES ARPT (MANITOWISH)-Name changed to Manitowish Waters Airport. (4-23)
OCONTO FALLS ARPT-Use strips only. (3-26)
RICHLAND CENTER ARPT-Avail. lgt acft only. (4-8)
SHAWANO ARPT-Soft-land at own risk. (3-13)
SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (4-7)
STEVENS POINT ARPT-Use rnwys only. (1-20)
TOMAH ARPT-N/S strip under const. (2-24)
TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Flood lgts and svcg not avail. 2230 until 0700 daily with the exception of Thurs when flood lgts and svcg not avail. after sunset. (4-8)
WINNEBAGO CO. ARPT (OSKOSH)-Use rnwys only. All traffic left hand, 600' except E and NE which is right traffic 600'. (4-7)

[redacted]

ARCHER-RADIO: FM on E course of Cheyenne range will be decomm soon.
CASPER AAF-Rnwy lgts Rnwy 34 resumed oper. These data rcvd too late to delete ⓞ symbol.
CHEYENNE-RADIO: Upon decommma and relctn of Egbert FM on E course Cheyenne range fac will be designated Hillsdale approach control FM and will operate with a bone-shaped pattern. (4-23)
CHEYENNE ARPT-RADIO: CAA ILS will be comm soon. Voice equipped lclzr on 110.3 mcs. Ident. "CX". Lctd 457' W of the W end of the E/W rnwy. Mag.heading for landing: 262°. Glide path on 335 mcs., lctd 982' W of approach end and 400' S of centerline of E/W rnwy. Middle mrkr lctd 3461' E from approach end E/W rnwy, keyed alt dots and dashes. Outer mrkr 32,274' E from approach end of E/W rnwy, keyed 2 dashes. Middle compass lctr on 230 kcs. Ident "X". Outer compass lctr on 260 kcs. Ident "C". (3-18) FLD: Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (1-1)
EGBERT-RADIO: About May 8, FM on E course Cheyenne Range will be decomm for relctn to lat. 41-09-30, long. 104-31-30. (4-23)
JACKSON MUN. ARPT-Cattle on fld intmtly. (5-20)
RAWLINS ARPT-Equip. on rnwys. (4-17)
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equip. on fld intermittently. Ctc Sheridan rdo for fld lgts. (2-6)
WARDWELL FLD (CASPER)-Use rnwys, taxi strips only, bal fld rough. 40' unlgtd pole erected at 30 million candle power ceilometer projector 1000' N of hangar (4-8)

[redacted]

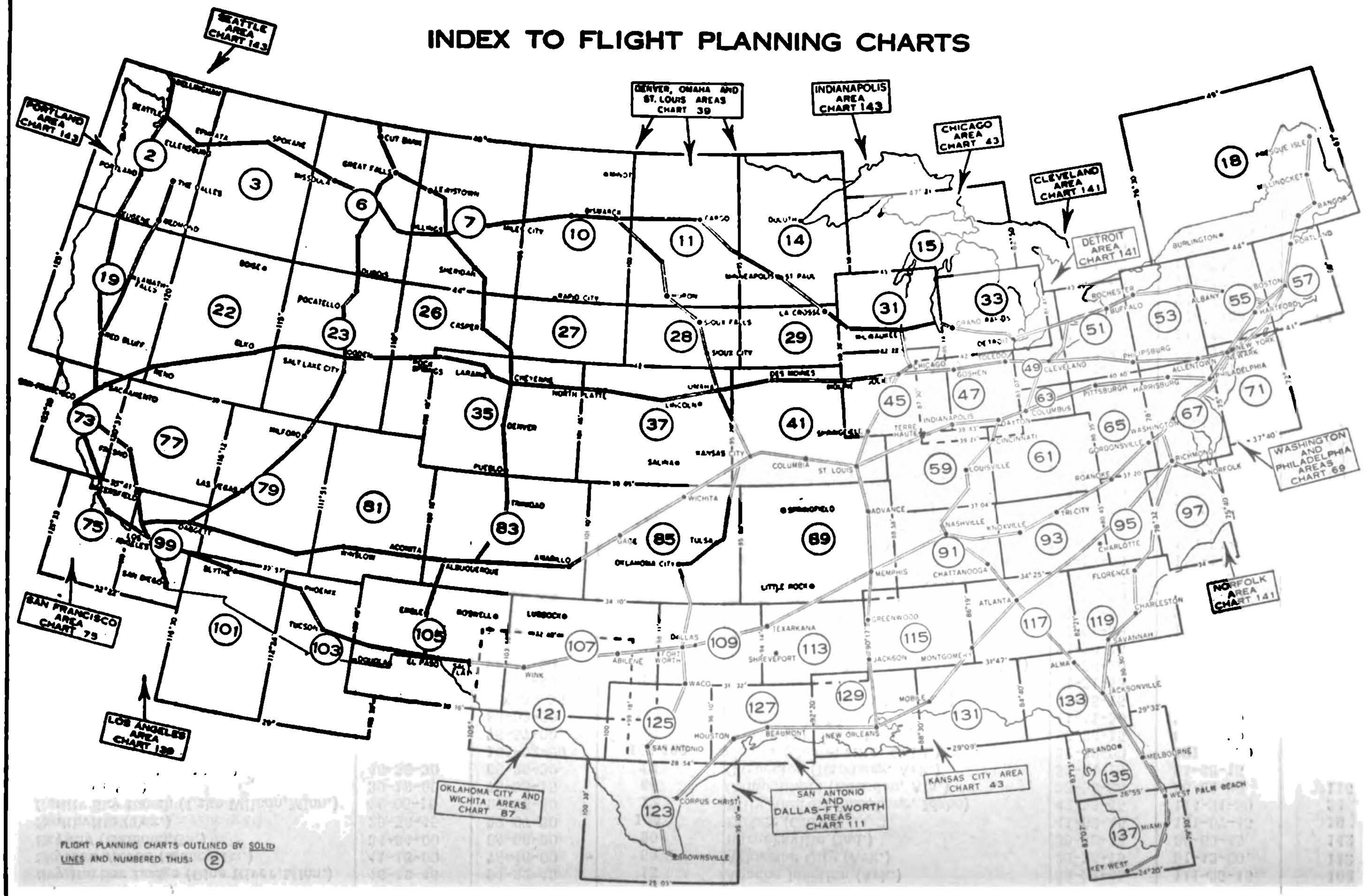
(These facilities will be found on both the data page and chart)

FACILITY (CITY & STATE)	LATITUDE	LONGITUDE	DATA PAGE
Abbeville (Ga.)	31-58-30	83-18-30	116
Acton's (Millen,Ga.)	32-54-00	82-04-00	118
Adamson Airways (Perry,Iowa)	41-49-45	94-11-00	40
Akron-Canton (Canton,Ohio)	40-54-45	81-26-30	48
Albion (N.Y.)	43-14-00	78-11-30	50
Alta (Dinuba,Calif.)	36-32-30	119-18-30	76
Angelica (N.Y.)	42-17-45	77-59-45	52
Apex(Silverdale,Wash.)	47-39-30	122-43-30	142
Arnett (Okla.)	36-08-15	99-46-00	84
Ashland City (Tenn.)	36-17-15	87-05-45	90
Ashley (Honea Path, S.C.)	34-27-00	82-22-00	92
Aurora (Mo.)	36-58-30	93-40-00	88
Avenal (Calif.)	36-00-00	120-08-30	76
Bar J Lazy V (Potter,Neb.)	41-09-00	103-24-00	34
Barker Trade School (N.Y.)	43-20-00	78-33-30	50
Barron (Wis.)	45-24-45	91-49-30	13
Basalt (Nev.)	38-01-00	118-16-00	76
Bath-Hammondsport (H'sport,N.Y.)	42-25-00	77-15-00	52
Beaver (Okla.)	36-48-00	100-31-45	84
Becker (Brocton,N.Y.)	42-22-45	79-26-45	50
Bell (Devils Lake,N.Dak.)	48-05-15	98-49-45	12
Bemidji-Port-O-Wilds(Turtle Rvr,Minn.)	47-35-45	94-46-30	13
Berwick (Pa.)	41-04-30	76-12-00	52
Billings (Ellsworth, Me.)	44-29-30	68-22-15	17
Bleick (Fairfax,Minn.)	44-34-00	94-43-15	13
Blockwood (N.J.)	39-48-00	75-03-30	64
Blue Mound Air Serv.(Lu Verne,Minn.)	43-41-30	96-11-00	28
Bois de Lafayette (Lafayette,La.)	30-11-15	92-01-15	128
Boise City Comm. # 2 (Okla.)	36-44-30	102-30-45	82
Boldwyn (Miss.)	34-30-45	88-37-15	90
Bomar Airways (Shelbyville,Tenn.)	35-33-15	86-26-30	90
Bottineau (N.Dak.)	48-50-15	100-27-00	9
Bradley (Batesburg, S.C.)	33-52-15	81-30-00	118
Bradshaw (Neb.)	40-54-00	97-44-30	36
Brevort (Mich.)	46-02-00	85-03-30	16
Bridges (Shelby, N.C.)	35-19-15	81-30-00	92
Bristow (Okla.)	35-50-15	96-24-45	84
Brown (Orange, Tex.)	30-04-30	93-47-45	126
Buehl (Philadelphia, Pa.)	40-05-20	74-57-00	68
Cairo-Grady (Cairo,Ga.)	30-53-30	84-09-30	132
Calhoun (Ga.)	34-28-30	84-58-00	90
Camilla (Ga.)	31-14-30	84-13-30	132
Campbellsville (Ky.)	37-21-00	85-18-45	58
Capistrano Awys(San Juan Capistrano,Cal)	33-29-00	117-40-15	98
Carbon Plant (Sunray,Tex.)	35-59-00	101-54-00	82
Center (Tex.)	31-47-30	94-09-45	112
Central (N.Little Rock, Ark.)	34-47-15	92-11-00	88
Charles City Mun. (Iowa)	43-04-15	92-36-15	29
City-County (Durango,Colo.)	37-09-30	107-44-45	80
Collier (Shaw, Miss.)	33-35-30	90-46-30	112
Collier (Drew,Miss.)	33-49-00	90-31-30	112
Colorado City (Tex.)	32-22-30	100-51-45	106,120
Columbia (Miss.)	31-17-30	89-49-15	128
Conway Valley (N.H.)	43-59-00	71-08-00	56
Conyers (Ga.)	33-39-00	84-01-00	116
Corinth (N.Y.)	43-14-00	73-50-15	54
Cornelia Fort (Nashville, Tenn.)	36-11-45	86-42-00	90
Cotton Valley (La.)	32-47-45	93-24-30	112
Craigmont (Idaho)	46-14-45	116-28-30	4
Crosby (Minn.)	46-29-15	93-56-30	13
Crown Point (Ind.)	41-26-30	87-21-30	42
Cumberland Mun. (Wis.)	45-30-30	91-58-30	13
Cypress (Greenville, Miss.)	33-22-30	91-04-00	112
Darrell (Liberty, Tex.)	30-02-30	94-43-45	126
Davenport (Ft. Payne, Ala.)	34-27-00	85-42-15	90
Davis (Healdton,Okla.)	34-13-45	97-28-00	84
Deatsville Aux. (Prattsville,Ala.)	32-36-00	86-27-00	114
De Kalb (Tex.)	33-31-15	94-38-15	108
Delhi (La.)	32-28-30	91-29-45	112
Denton (Tex.)	33-11-45	97-11-45	108
De Vries (Lewis,Del.)	38-47-00	75-09-45	66
Dicks (Fayetteville,Tenn.)	35-07-30	86-34-45	90
Dixon (Calif.)	38-28-15	121-48-45	72
Dobson (Bucatunna,Miss.)	31-33-00	88-31-30	128
Dossett (Beulah,Miss.)	33-47-00	90-58-15	112
Durham (Bessemer,Ala.)	33-21-45	86-59-00	114
Eagle Tail (Raton,N.Mex.)	36-51-45	104-26-00	82
Eco (Mason City,Iowa)	43-08-00	93-08-00	29
Edna (Tex.)	28-58-00	96-37-00	124
Elk Creek (Calif.)	39-35-45	122-32-30	20
Enfield (N.C.)	36-10-30	77-38-00	96
Erskine-Gunther Mun.(Erskine,Minn.)	47-40-15	95-58-15	12
Evangeline (Ville Platte,La.)	30-42-15	92-18-15	128
Evart Mun. (Mich.)	43-53-45	85-17-00	16
Fallin (Vinita,Okla.)	36-39-00	95-10-30	84
Falmouth (Ky.)	38-39-00	84-18-30	60
Falmouth (Mass.)	41-34-45	70-35-00	56
Fayette Mun. (Ala.)	33-43-00	87-48-30	114
Flomaton (Ala.)	31-01-30	87-15-15	130
Ft. Payne Flying Service (Ala.)	34-25-00	85-44-15	116
Franklin Air Service (Tenn.)	35-54-45	86-53-30	90
Fulda Mun. (Minn.)	43-53-00	95-36-15	28
Glenwood Mun. (Minn.)	45-38-45	95-19-30	12
Glow (Pepperell, Mass.)	42-40-30	71-35-00	58
Goodyear (Gadsden, Ala.)	34-00-15	85-58-00	116
Gothenburg Mun. (Neb.)	40-55-50	100-09-15	36
Grand Canyon (Wellsboro,Pa.)	77-23-00	41-44-00	52
Grantsburg (Wis.)	45-47-45	92-40-15	13
Green's (Island Falls, Me.)	45-58-30	68-16-45	17
Greenville-Central City(Greenville,Ky.)	37-13-00	87-09-45	58
Griel Aux. # 1 (Tallassee,Fla.)	32-29-00	85-53-00	116
Grundman (Nebraska City,Neb.)	40-39-45	95-51-45	38
Gustin (Hooker,Okla.)	36-50-15	101-15-00	82
Hall (Stratton,Neb.)	40-08-00	101-13-00	36
Harris (Gruver,Tex.)	36-16-30	101-26-15	82
Hartley Mun. (Iowa)	43-10-10	95-28-30	28
Hartshorne (Okla.)	34-51-30	95-33-45	84
Hawk's (Henryetta,Okla.)	35-27-30	95-59-15	84
Henderson (Ky.)	37-48-15	87-39-45	58
Hidden Valley (Camarillo,Calif.)	34-08-00	118-54-00	138

FACILITY (CITY & STATE)	LATITUDE	LONGITUDE	DATA PAGE
Hillsboro (Ohio)	39-12-30	83-42-15	60
Himes (Ladoga, Ind.)	39-57-00	86-52-00	142
Holdrege Mun. (new) (Neb.)	40-27-15	99-20-15	36
Hudson Falls (N.Y.)	43-18-45	73-34-00	54
Hultquist's Sky Ranch (Minong,Wis.)	46-05-45	91-51-45	13
Hutchinson (Minn.)	44-51-00	94-21-30	13
Iahoka (Tex.)	33-08-45	101-48-00	106
Ida Grove Flying Service (Iowa)	42-19-20	95-26-15	28
Indianala (Miss.)	33-29-00	90-40-30	112
Jackson (La.)	30-46-15	91-14-15	128
Jackson Mun. (Minn.)	43-39-00	94-59-00	29
Janes-Harden (Cleveland,Miss.)	33-46-45	90-46-30	112
Janssen (Fulda, Minn.)	43-49-15	95-41-30	28
Jersey Shore (Pa.)	41-12-00	77-13-00	52
Jim Davis (Nitta Yuma, Miss.)	33-01-00	90-50-15	112
Johnson City (Tenn.)	36-21-45	82-18-45	92
Johnstone's (Calhoun City, Miss.)	33-53-00	89-18-30	114
Jolly Aero (Davies,Okla.)	34-27-45	97-07-30	84
Keith (Henning,Tenn.)	35-40-00	89-35-15	88
Kentoby (Annandale,Minn.)	45-16-00	94-06-00	13
Killeen (new) (Tex.)	31-06-00	97-42-30	124
King (Clemson,S.C.)	34-42-00	82-47-30	92
Kosciusko (Miss.)	33-03-00	89-36-30	114
Lake (Bellevue,Wash.)	47-34-00	122-11-00	142
Lake Benton (Minn)	44-21-15	96-19-00	12
Lakeman (Haleyville,Ala.)	34-17-30	87-34-30	114
Lake Providence (La.)	32-48-00	91-10-00	112
Lakeside (Franklin,Neb.)	40-10-00	98-57-00	36
Lake View (N.Y.)	42-42-30	78-54-30	50
Lakeview (Burt,N.Y.)	43-19-15	78-45-30	50
Lancaster (N.H.)	44-29-00	71-35-30	17
Lane (Rosenburg,Tex.)	29-32-00	95-47-00	126
Leesburg Aviation Center (Fla.)	28-50-00	81-52-00	184
Leesville (La.)	31-08-00	93-14-00	126
Lewisburg (Tenn.)	35-26-30	86-47-30	90
Lewiston (Me.)	44-03-00	70-08-00	17
Lexington (Tenn.)	35-39-15	88-22-30	90
Lion's Club (Loraine,Tex.)	32-24-45	100-42-30	106,120
Lisca (Neb.)	41-30-00	102-38-00	34
Littleton (Ayer,Mass.)	42-31-45	71-30-45	56
Livermore Falls (Me.)	44-28-45	70-10-00	17
Lodi (Ohio)	41-03-15	81-58-05	48
Longview (Warrenton,Miss.)	32-14-30	90-55-30	112
Maddock (N.Dak.)	47-58-30	99-31-30	12
Madison Air Strip (Tenn.)	36-14-30	86-40-30	90
Marion-Jaycee (Crayne,Ky.)	37-17-00	88-05-15	58
Martin (Memphis, Tenn.)	35-10-00	89-54-45	88
McCloud (Quitman,Tex.)	32-48-00	95-25-15	108
McKee (Jackson,Ala.)	31-31-30	87-53-45	130
Mifflin Co. (Reedsville,Pa.)	40-42-15	77-35-15	52
Miller (Garrison,Minn.)	46-18-45	93-49-30	13
Moreau (Glens Falls,N.Y.)	43-15-00	73-40-45	54
Morris (Abion,Tenn.)	36-16-00	89-12-00	88
Mt. Holly (N.J.)	40-00-30	74-47-45	68,70
Mt. Washington (Ky.)	38-03-30	85-32-15	58
Nelson's (Bridgewater,Me.)	46-26-00	67-51-00	17
New Albany Flying Service (Miss.)	34-30-00	89-02-15	88
Newberry (S.C.)	34-18-15	81-37-45	118
New Meadows (West Bath,Me.)	43-55-30	69-51-30	56
Niederhauser (Marshalltown,Iowa)	42-07-00	92-55-00	29
North Hamilton (Ohio)	39-27-30	84-31-30	60
Oakland (Neb.)	41-50-15	96-30-15	36
O'Conta Muh. (Wis.)	44-53-00	87-53-00	16,30
Oelwein Mun. (Iowa)	42-41-00	91-58-00	29
Okemah (Okla.)	35-25-45	96-17-15	84
O'Neill Mun. (Neb.)	42-28-15	98-41-15	28
Orchard Park (N.Y.)	42-48-00	78-44-15	50
Osceola Mills (Pa.)	40-51-30	78-15-45	50
Ozark Sky Ranch (Eureka Springs, Ark.)	36-27-45	93-49-30	88
Panhandle (Tex.)	35-19-45	101-23-30	82
Paris (Tenn.)	36-20-15	88-23-00	90
Parker & Dowdle (Columbus,Miss.)	33-29-15	88-20-30	114
Patty's (Lewellen,Neb.)	41-19-30	102-08-00	34
Paudler (Crosbyton,Tex.)	33-39-15	101-12-45	106
Pembroke (East Pembroke,N.Y.)	43-00-15	78-21-30	50
Perry (Ga.)	32-28-45	83-44-30	116
Pertshire (Miss.)	33-58-15	90-54-45	112
Peterson (Vidalia,Ga.)	32-09-00	82-27-15	116
Phoenixville (Pa.)	40-08-00	75-31-00	66
Pilgrim (Hatfield,Mass.)	42-25-15	72-35-30	54
Plymouth (N.C.)	35-51-40	76-47-00	96
Pocomoke (Md.)	38-04-30	75-32-00	66
Pointe Coupee-Morganza(Morganza,La.)	30-44-00	91-36-15	128
Presley's (Pickens, Miss.)	32-53-45	89-58-00	114
Provincetown Landing Fld (Mass.)	42-04-00	70-13-00	56
Pulaski Co. (Somerset,Ky.)	37-02-45	84-38-00	92
Rainbow (Winter,Wis.)	45-48-45	91-06-00	13
Rankin (Jackson,Miss.)	32-15-00	90-10-00	114
Ravenna (Neb.)	41-02-30	98-54-15	36
Reagan (Norwood,N.Y.)	44-44-30	75-01-30	17
Red Wing (Minn.)	44-35-15	92-29-30	13
Redwood Ranch (Wilson,La.)	30-53-45	91-06-15	128
Ridgecrest (Calif.)	35-37-00	117-40-30	76,98
Robertsdale (Ala.)	30-32-15	87-41-45	130
Rock Hall (Md.)	39-10-15	76-13-30	66
Rockland Broadway (Rockland,Me.)	44-05-45	69-07-15	17
Roosevelt (Sondheimer,La.)	32-34-45	91-11-15	112
Roper (Hart,Tex.)	34-18-15	102-06-45	82
Roseau (Minn.)	48-51-45	95-47-15	12
Rumford (Me.)	44-31-00	70-32-15	17
Saffold (Savannah,Ga.)	32-02-20	81-00-30	118
St. Croix (Baring,Me.)	45-08-15	67-18-00	17
St. Marys (Pa.)	41-25-00	78-30-00	50
San Jacinto (Nev.)	41-53-00	114-39-30	24
Scooba (Miss.)	32-50-00	88-28-00	114
Scottsboro Flying Service (Ala.)	34-42-00	86-01-00	90
Seaside (Oreg.)	46-01-15	123-54-00	1
Seiling-Cook's (Seiling,Okla.)	36-08-45	98-55-00	84
Selma (Calif.)	36-34-00	119-33-45	76
Shallcross (Middletown,Del.)	39-28-00	75-43-45	66

FACILITY (CITY & STATE)	LATITUDE	LONGITUDE	DATA PAGE
Shamrock (Tex.)	35-11-45	100-14-30	84
Shelbyville (Ind.)	39-32-15	85-43-30	142
Show Low (Ariz.)	34-16-00	109-59-45	80
Sky Harbor Lodge (Pine River,Minn.)	46-43-45	94-22-45	13
Skyview Acres (Muncy,Pa.)	41-13-00	76-46-00	52
Skyway (Calhoun,Ga.)	34-34-00	84-56-30	90
Smithville (Tex.)	29-58-45	97-07-30	124
Smitty Sky Ranch (Lake Wilson,Minn.)	44-05-15	95-58-30	12
Smyrna (Del.)	39-18-00	75-35-15	66
Snowman's (Ashland,Me.)	46-38-30	68-25-30	17
Spade Ranch (Westbrook,Tex.)	32-08-30	101-02-00	106,120
Spivey (Windsor,N.C.)	35-58-00	76-57-00	96
Spook (Pontotoc,Miss.)	34-15-00	89-02-00	114
Springer (N.Mex.)	36-22-30	104-35-15	82
Staples (Minn.)	46-22-30	94-47-45	13
Storm Lake (Iowa)	42-36-00	95-13-30	28
Stow-Pottstown (Pottstown,Pa.)	40-15-45	75-40-00	66
Stratford (Tex.)	36-20-30	102-02-45	82
Suco (Shelbyville,Ind.)	39-30-15	85-45-30	142
Sulphur (Okla.)	34-31-30	96-59-15	84
Sunglo (Dover,Del.)	39-08-15	75-31-30	66
Sunnybrook (Clayton,N.Y.)	44-11-30	76-05-15	17
Sylacauga (Ala.)	33-08-45	86-16-30	116
Tate (Leland,Miss.)	33-25-00	90-52-30	112
Texas City (Tex.)	29-24-15	94-55-15	126
Thompson (Swainsboro,Ga.)	32-36-00	82-21-30	116
Titusville (Pa.)	41-36-45	79-44-45	50
Todd (Brainerd,Minn.)	46-22-30	94-12-45	13
Tradewind (Amarillo,Tex.)	35-10-30	101-49-15	82
Trauger (Strathmore,Calif.)	36-09-45	119-03-00	76
Tremonton (Utah)	41-43-15	112-11-15	24
Twin Valley Farm (Minn.)	47-15-45	96-17-15	12
Tyrone Speedway (Pa.)	40-37-45	78-17-45	64
Uptown (Union City,Tenn.)	36-26-00	89-02-30	88
Vegas Sky Corral (Las Vegas,Nev.)	36-07-45	115-10-45	78
Vici (Okla.)	36-08-30	99-18-15	84
W & L Airways (Wadesboro,N.C.)	34-58-15	80-01-45	94
Ward (Bernie,Mo.)	36-43-00	89-58-30	88
Washington Co. (Sandersville,Ga.)	32-58-45	82-47-15	116
Waters (Mich.)	44-53-00	84-41-30	16
Waynesboro (Ga.)	33-02-30	82-00-00	118
Waynoka-Kelsey (Waynoka,Okla.)	36-38-00	98-51-30	84
Webb's (Patten,Me.)	46-00-30	68-27-15	17
West Point (Miss.)	33-37-00	89-38-00	114
Wetherly (Des Moines,N.Mex.)	36-44-15	103-44-00	82
Whitman (Ozark,Ark.)	35-30-15	93-50-30	88
Whitman Flight Strip (Ga.)	30-48-15	83-35-15	132
Wilks (Fayetteville,Tenn.)	35-11-00	86-35-45	90
Wilson Flying Fld (N.Y.)	43-16-45	78-50-45	50
Winston (Littlefield,Tex.)	33-56-00	102-17-15	106
Worth (Florence, N.J.)	40-06-45	74-47-45	68,70
Worthington (Minn.)	43-39-00	95-35-00	28
Wright (Memphis,Tenn.)	35-16-00	89-59-30	88
York (Neb.)	40-53-30	97-35-15	36
Zellner's (Forsyth,Ga.)	33-03-30	83-56-25	116
Adkins (Richfield, Idaho)	43-01-05	114-14-00	24
Ainsworth Mun. (Nebr.)	42-34-15	99-59-15	28
Alma (Ark.)	35-28-15	94-11-45	88
Apache Junction (Ark.)	33-24-45	111-33-15	102
Arkansas City (Ark.)	33-36-15	91-13-00	112
Bargersville (Ind.)	39-32-15	86-09-45	142
Bieber (Calif.)	41-08-45	121-07-45	19
Billy Andrew (Shoshone, Idaho)	42-55-45	114-21-30	24
Camp Sibert (Gadsden, Ala.)	33-58-30	86-05-20	116
Carpenter (Hamburg, Ark.)	33-14-15	91-48-15	112
Center (Centerville, Calif.)	37-32-00	121-59-30	74
Combs (Bristol, Va.)	36-36-15	82-09-30	92
Coventry (R.I.)	41-41-30	71-35-00	56
DeFlorez (Woodstock, Conn.)	41-55-15	71-57-15	56
Dewey-Humboldt (Ariz.)	34-31-45	112-13-15	78
Fair Oaks Sky Nook (Fair Oaks,Calif.)	38-36-30	121-16-15	72
Gilbert (Ariz.)	33-20-45	111-47-45	102
Gilroy (Calif.)	37-01-30	121-35-45	72
Gourdon (Ark.)	33-55-30	93-09-45	112
Griffin (Warren, Ark.)	33-36-00	92-01-00	112
Grigg & Bynum (Maiden, N.C.)	35-32-45	81-12-30	92
Hurricane (Utah)	37-09-00	113-17-00	78
Kelly's (Acala, Tex.)	31-20-30	105-54-00	104
Leith's (Gold Beach, Oreg.)	42-24-30	124-25-30	20
Lessenburg (Parkin, Ark.)	35-15-00	90-34-00	88
Longfellow (Texas)	30-10-00	102-39-00	120
Marble Canyon (Cameron, Ariz.)	36-48-45	111-38-15	80
Marshall (Marshalltown, Iowa)	42-03-00	92-52-00	29
McDonald (Spindale, N.C.)	35-20-05	81-55-05	92
Milford (Ill.)	40-38-15	87-42-00	44
Mishawaka (Ind.)	41-39-00	86-06-00	46
Monticello (Ark.)	33-38-15	91-45-00	112
Paoli-Malvern (Malvern, Pa.)	40-01-00	75-30-15	66
Patton (Clinton, Ark.)	35-33-45	92-27-45	88
Palomino (Selma, Calif.)	36-31-00	119-42-30	76
Port O'The Woods (Annapolis, Ind.)	39-53-00	87-16-00	44,46
Prattsville (N.Y.)	42-18-00	74-25-30	54
Riggs (Chandler, Ariz.)	33-14-00	111-47-00	102
San Ardo (Calif.)	36-01-30	120-54-30	72
San Francisco Bay (San Rafael, Calif.)	37-58-30	122-30-00	74
Southampton Bay Air Harbor (Benecia,Cal)	38-04-15	122-11-30	72
Springerville-Eager (Springerville,Ariz)	34-08-00	109-18-45	80
Stanfield (N.C.)	35-15-15	80-25-45	94
Stevens (Globe, Ariz.)	33-25-00	110-43-00	102
Toloson (Mt. Ida, Ark.)	34-33-45	93-38-00	88
Van Fossan's (Mt. Erie, Ill.)	38-31-45	88-14-15	58
Westwood (Calif.)	40-18-30	121-02-00	19
Wright (Williston,N.D.)	48-11-30	103-37-00	9

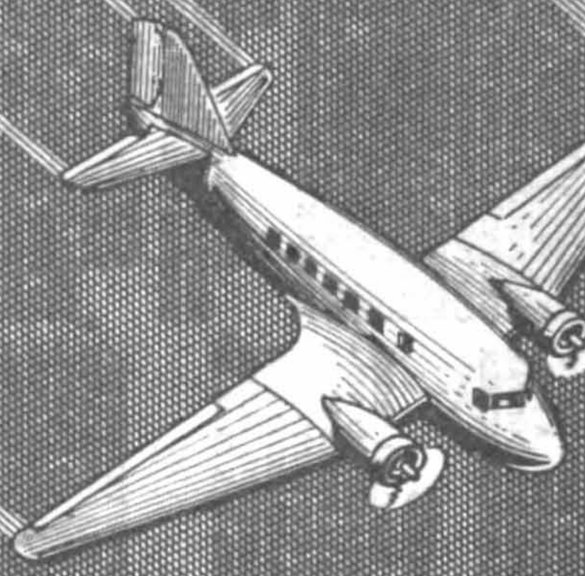
INDEX TO FLIGHT PLANNING CHARTS



SPECIAL NOTICE

As is obvious, the Guide is being revised. Certain inconveniences, such as chopped-up charts and vertical charts facing horizontal data pages, are necessary until the revision is completed about August 1, 1947. Your cooperation in accepting this situation until that time will be appreciated.

AIRMAN'S GUIDE



RED
47
BRARY

NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 2, NO. 5 . . . . . MAY 27, 1947

This issue includes all data on record as of 0001 E.S.T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

TABLE OF CONTENTS

GROUND CONTROL APPROACH XI
AIR NAVIGATION RADIO AIDS, LEGEND, GENERAL XII
AIRPORT DATA, LEGEND XIII
FLIGHT PLANNING CHARTS AND DATA PAGES 1-143
V.H.F. RANGE CHARTS 144-146
NOTICES TO AIRMEN 147

GUIDE CONTENTS

THE AIRMAN'S GUIDE IS A COMPOSITE DIRECTORY OF AIRPORTS, AIR NAVIGATION RADIO AIDS, AND NOTICES TO AIRMEN. ON THE DATA PAGES ARE TABULATED ALL THE DATA COVERING THE FACILITIES CHARTED ON THE BACKING PAGES. THIS PRESENTATION IS GRADUALLY BEING REVISED, HOWEVER, SO THAT EVENTUALLY THE DATA PAGES WILL FACE THE CHARTS.

INDEX OF FACILITIES

TO FIND THE NUMBER OF THE PAGE ON WHICH A FACILITY IS CHARTED, REFER TO THE INDEX OF FACILITIES BELOW. AS OUTLINED ABOVE, THE DETAILED DATA FOR THE FACILITY WILL BE FOUND ON THE DATA PAGE BACKING, OR FACING, THE CHART.

NEW DATA PRESENTATION

(A) ON THE DATA PAGES BACKING OR FACING THE CHARTS, NEW DATA OR REVISIONS ARE INDICATED BY ARROWS; (B) IN THE NOTICES TO AIRMEN SECTION, CITATIONS COVERING NEW OR REVISED RADIO DATA ARE PREFIXED BY ONE LARGE STAR " ★ ". CITATIONS COVERING NEW OR REVISED AIRPORT, OR MISCELLANEOUS DATA ARE PREFIXED BY TWO ASTERISKS "**".

DATA PAGE NOTAMS

BECAUSE OF THE SERIOUS PAPER SHORTAGE, THE DATA PAGES, WHERE POSSIBLE, HAVE TO SERVE AS NOTAM (NOTICES TO AIRMEN) PAGES, RESULTANTLY, MOST OF THE NEW DATA FORMERLY NOTAMIZED IN THE NOTICES TO AIRMEN SECTION WITH PREFIXED LARGE STARS OR DOUBLE ASTERISKS ARE NO LONGER CARRIED IN THAT SECTION. ONLY COMMISSIONINGS, ABANDONMENTS, OR CHANGES SO POTENTIALLY HAZARDOUS THAT THEY ARE INDICATED WITH Ⓡ (FOR RED FLAG) SYMBOLS ON THE CHARTS, ARE NOW CITED IN THE NOTICES TO AIRMEN SECTION NOTAMIZING ON THE DATA PAGES IS EFFECTED BY THE USE OF PREFIXED ARROWS AS IN THE FORMER AIR NAVIGATION RADIO AIDS PUBLICATION ANY CHANGES FROM THE PREVIOUS ISSUE, WHETHER CITED IN THE NOTICES TO AIRMEN SECTION, OR NOT, ARE INDICATED BY THE PREFIXED ARROWS. FOLLOWING ARE EXAMPLES OF CHANGES NOTAMIZED ONLY ON THE DATA PAGES: FIELD OBSTRUCTION, SERVICING, ELEVATION, LOCATION, AND RUNWAY LENGTH CHANGES. BECAUSE OF THE USE OF THE PREFIXED ARROWS AS NEW DATA INDICATORS, A FURTHER INNOVATION HAD TO BE ADOPTED. THIS IS A TINTED HORIZONTAL LINE FOLLOWING THE LAST TABULATED FACILITY AND TITLED EITHER NEW RADIO FACILITIES OR NEW AIRPORTS.

HOW TO USE THE AIRMAN'S GUIDE

NEW FACILITIES ON DATA PAGES

SPACE BELOW THE TINTED HORIZONTAL LINES ON THE DATA PAGES HAS BEEN RESERVED AS A SUPPLEMENT FOR NEW RADIO AIDS AND AIRPORTS WHOSE DATA WERE RECEIVED AFTER THE DATA PAGES WERE ORIGINALLY TYPED. REVISIONS TO EXISTING AIRPORTS AND RADIO AIDS ARE SUPER-IMPOSED ON THE OLD DATA. NEW AIRPORTS AND RADIO AIDS HOWEVER, ARE LISTED, NECESSARILY OUT OF ALPHABETICAL ALIGNMENT, BELOW THE TINTED HORIZONTAL LINES UNTIL THE PAGE IS RE-TYPED.

CHART NOTAMS

NOTAMIZING ON THE CHARTS IS EFFECTED BY USE OF THE SUPER-IMPOSED Ⓡ AND Ⓞ SYMBOLS. THE Ⓡ (FOR RED FLAG) INDICATES A VERY HAZARDOUS CONDITION OR A MAJOR CHANGE. THE Ⓞ SYMBOL (FOR ORANGE FLAG) INDICATES A MINOR CHANGE OR HAZARDOUS CONDITION WITH THE FACILITY STILL USABLE WITH CAUTION. THE PERTINENT DETAILS TO WHICH THESE SYMBOLS REFER WILL BE FOUND LISTED IN THE NOTICES TO AIRMEN SECTION UNDER THE FACILITY NAME (AND STATE) BY WHICH THEY ARE CHARTED.

Ⓡ and Ⓞ SYMBOLS

THESE SYMBOLS WERE ADOPTED FOR SUPER-IMPOSITION OVER CHARTED FACILITIES TO INDICATE HAZARDOUS CONDITIONS AND COVERING NOTICES TO AIRMEN. THUS, IF A CHART USER NOTES NO SYMBOL ON THE FACILITIES HE IS PLANNING ON USING, THERE IS NO NECESSITY FOR HIM TO WADE THROUGH THE 30-ODD PAGE NOTICES TO AIRMEN SECTION.

NOTICES TO AIRMEN SECTION

ALL TEMPORARY CONDITIONS (FIELD SOFT, RUNWAY UNDER CONSTRUCTION, RANGE COURSE OUT OF ALIGNMENT, ETC) ARE CITED IN FULL IN THE NOTICES TO AIRMEN SECTION UNTIL THEY ARE NO LONGER IN EFFECT. WHEN A CITATION CARRIES A PERMANENT ITEM AND A TEMPORARY ITEM, THE PERMANENT ITEM IS UNDERLINED. PARENTHETICAL DATE AT END OF ITEM INDICATES TIME ITEM WAS REPORTED. TO CONFORM TO CHART PRACTICE, ALL FACILITY DATA ARE LISTED IN THE NOTICES TO AIRMEN SECTION AND ON DATA PAGES ALPHABETICALLY BY STATES AND BY FACILITY NAME. THUS, AN AIRPORT WILL BE FOUND LISTED ALPHABETICALLY UNDER ITS OWN NAME RATHER THAN UNDER ITS LOCALE'S NAME. IF THE AIRPORT OR RADIO FACILITY NAME IS OTHER THAN THAT OF THE CITY IN WHICH IT IS LOCATED, THE LOCATION IS SHOWN IN PARENTHESIS AFTER THE FACILITY NAME.

SPECIAL NOTICES

NOTICES OF NATIONAL INTEREST, OF GREAT IMPORTANCE, OR OF NON-LOCALIZED NATURE, WILL BE FOUND AT THE BEGINNING OF THE NOTICES TO AIRMEN SECTION.

CIVIL FACILITY CHANGES: ADVISE WHOM

PLEASE ADVISE THE OFFICE OF AVIATION INFORMATION, ATTENTION A-250, C.A.A., DEPARTMENT OF COMMERCE, WASHINGTON 25, D.C. AS SOON AS TEMPORARY CONDITIONS COVERING CIVIL AIRPORTS OR NAVIGATIONAL AIDS BEGIN OR TERMINATE, OR FLIGHT HAZARDS ARE ERECTED OR REMOVED. FIELD DATA REVISIONS SHOULD BE SUBMITTED TO THE NEAREST C.A.A. DISTRICT AIRPORT ENGINEER.

TO ALL SUBMITTERS OF AIRMAN'S GUIDE DATA

AN UNDER-MANNED STAFF PREVENTS AN INDIVIDUAL ACKNOWLEDGMENT OF DATA SUBMITTED FOR THE AIRMAN'S GUIDE BY TELEGRAM, TELETYPE DISPATCH, OR LETTER. YOUR COOPERATION IN PERMITTING A GUIDE CITATION TO SUFFICE AS AN ACKNOWLEDGMENT WILL BE APPRECIATED.

INDEX OF FACILITIES

LEGEND

A - AIRPORT WITH AN ASSOCIATED RADIO FACILITY IDENTICALLY NAMED
FM - FAN MARKER
H - NON-DIRECTIONAL RADIO BEACON
R - RADIO RANGE
T - AIRPORT WITH CONTROL TOWER

N.B. ALL FACILITIES WITHOUT A LETTER SUFFIX ARE AIRPORTS. NAMES NOT FOLLOWED BY A NUMBER SUFFIX ARE NOT AIRPORTS BUT MERELY GEOGRAPHICAL LOCATIONS.

ALABAMA

Alexander City
" Russell (117)
Andalusia (131)
Anniston (117)
" AAF (117)
Athens (91)
Atmore (131)
Auburn-Opelika (117)
Barin (131)
Bessemer,Durham(115)
Birmingham R,T (115)
"Central Park (115)
"Roberts (115)
Bradford FM (115)
Brewton (old) (131)
" (new) (131)
Brookley T (131)
Canal (131)
Canoe FM (131)
Centre (117)
Clanton,Gragg (115)
Columbiana (115)
Courtland (91)
Craig R,T (115)
Cullman (115)
Decatur
" Beaver Dam (91)
" Pryor (91)
Demopolis (115)
Dothan A,R, (131)
Dothan
" Napier (131)
"Southern Airmotive (131)
Eden FM (115.117)
Elberta,Kaiser's Tract (131)
Elmore (115)
Enterprise (131)
Eufaula,Weedon (117)
Eutaw (115)
Evergreen,Middleton
Fairchild (131) (131)
Fayette Mun. (115)
Flomaton (131)
Foley,Baris (131)
Foley, Canal (131)
" Magnolia (131)
Ft.Payne,Davenport(91)
" DeSoto Park (91)
" Flying Service (91)
Gadsden (117)
" Goodyear (117)
Gainesville (115)
Garden City FM (115)
Geneva (131)
Greenville (115)
Gunter T (117)
Guntersville Dam (91)
Haleyville,Lakeman(115)
Hartselle (91)
Headland (131)
Huntsville (91)
" Arsenal (91)
Hurtsboro (117)
Jackson,McKee (131)
Jasper,Walker Co.(115)
Josephine,Wolf (131)
Kaisers Tract (131)
Lillian,Faircloth(131)
Luverne (131)
Magnolia (131)
Maxwell R,T, (115)
Mobile R (131)
" Bates T (131)
" Brookley T (131)
Mobile,Davis (131)
Montgomery
" Allenport (117)
" Dannelly (115)
" Elmore (115)
" Gunter T (117)
" Maxwell R,T (115)
" Norman Bridge(117)
Muscle Shoals A,R,(91)
Napier (131)
Ozark (131)
Prattsville,Deatsville Aux. (115)
Prichard,Chastain's(131)
Robertsdale (131)
Scottsboro
" Flying Service (91)
" N. Sauty Base (91)
Selma
" Autaugaville (115)
" Craig R,T (115)
" Dallas (115)
" Selma-Selfield(115)
Silverhill (131)
Summerdale (131)
Sylacauga (117)
Talladega (117)
Tallassee, Griel (117)
Troy (117)
Tuscaloosa H (115)
" Foster (115)
" Van de Graaff (115)
Tuskegee (117)
" Moton (117)
Wolf (131)
[redacted]
Aguila (101)
Ajo (101)
Amado,Kinsley Ranch
Ashfork (79) (103)
Bisbee (103)
Bowie (103,106)
Cactus,N.Phoenix(103)
Cameron (81)
Casa Grande
" Three Point (103)
Chandler,Williams T
" Riggs (103) (103)
Clifton-Greenlee Co. (103,105)
Cochise R,A (103)
Coolidge (103)
" Airpark (103)
" Flying Field (103)
Cottonwood
" Clemenceau (79)
" Verde Valley (79)
Dateland (101)
Davis-Monthan T (103)
Deep Lake (81)
Douglas (103,105)
" Forrest #2 (103,105)
" International(103,105)
" McNeal #1 (103,105)
Duncan (103,105)
Flagstaff,Koch (81)
Florence (103)
Forest #2 (103,105)
Fort Huachuca (103)
Fredonia (79)
Gila Bend A,R, (101)
" #4 (101)
" #8 (101)
" #8 (101)
Globe, Cutter (103)
" Stevens (103)

NEW FACILITIES: Gadsden, Ala., Camp Sibert (117) Dewey-Humboldt, Ariz.(79) Gilbert, Ariz.(103) Oneonta, Ala., Moody(91) Russellville, Ala, Wood-Dearing (91)

Grand Canyon
" South Rim (79)
Hayden (103)
Hereford (103)
Hilltop FM (103,105)
Holbrook (81)
" Int. (81)
Joseph City FM (81)
Kingman (79)
" Mohave Co. (79)
" Port Kingman (79)
Laguna Landing Strip
Litchfield Park (103) (101)
" NAF T (103)
Luke (103)
Marana (103)
McNeal #1 (103,105)
Mesa A, FM (103)
" Airpark (103)
" Falcon (103)
Meteor Crater FM (81)
Nogales, Central (103)
" International (103)
Parker (101)
Perryville FM (103)
Phoenix R (103)
" Airhaven (103)
" Air-Topia (103)
" Luke (103)
" Paradise (103)
" Sky Harbor T (103)
" Thunderbird #1 (103)
" Thunderbird #2 (103)
Prescott R (79)
" Ernest A. Love (79)
Quartzsite, Conner (101)
Redrock FM (103)
" Int. (103)
Safford (103,105)
" Wickersham (103,105)
Sahuarita Figt Strip (103)
St. Johns, Saunders (81)
Salome (101)
" Int. (101)
Sells (103)
Show Low (81)
Somerton (101)
Superior (103)
Tempe (103)
Toltec (103)
Tonopah (101)
Tucson A, R (103)
" Airpark (103)
" Davis-Monthan T (103)
" Downtown (103)
" Gilpin (103)
" Ryan (103)
" Silverbell (103)
" Wagon Wheels Ranch (103)
Vail FM (103)
Valle (79)
Wellton (101)
" Smiley (101)
White River
" Fort Apache (103)
Wickenburg Mun (101)
" Sky Ranch (101)
Willcox (103)
" Cochise Co. (103)
Williams (79)
" AAF T (103)
Window Rock (81)
Winslow A, R (81)
Yucca (79)
Yuma, Fly Fld. (101)

Yuma, Marsh (101)

ARKANSAS

Alma (89)
Arkadelphia (113)
Benton (89)
Bentonville (89)
Berryville (89)
Biggers (89)
Black Rock, Sloan (89)
Blytheville R (89)
" AAF (89)
" Cooter (89)
" Manila (89)
" Steele (89)
Brinkley (89)
Bruins FM (89)
Cabot, Baily (89)
Calico Rock, Copp (89)
Camden, Grayson (113)
Carlisle (89)
Clarksville (89)
Conway (89)
Cotton Plant, Overhold (89)
Crossett, Ashley Co. (113)
DeWitt Commerical (89)
El Dorado R (113)
" Goodwin (113)
Eureka Spgs. Ozark Sky Ranch (89)
Fayetteville (89)
Flippin, John's Airpk (89)
Forrest City (89)
Fort Smith (89)
Harrison (89)
Hasty, Smith (89)
Hazen (89)
Helena, Thompson-Robbins (89)
Hope (113)
Hot Springs, Memorial
Hughes, Tucker (89) (89)
Joiner, Wilson (89)
Jonesboro (89)
Little Rock R (89)
" Adams T (89)
" Central (89)
Luxora (89)
McGhee (113)
Magnolia (113)
" Baker (113)
Malvern, Harlas (89)
Manila AAF (89)
" Fleeman (89)
Mena, Bowden (89)
Newport (89)
" Erwin (89)
" Milltown (89)
North Little Rock, Central (89)
Ola, Norman (89)
Ozark, Whitman (89)
Palmer, Gilbrech (89)
Paris (89)
Pine Bluff R (89)
" Grider (89)
" Toney (89)
Prairieville (89)
Prescott FM (113)
" Hope Prescott (113)
Rogers (89)
Round Pond (89)
Russellville, Ark. Poly. College (89)
Searcy (89)
Springdale (89)
Stuttgart R (89)
" Carlisle (89)
" Dockery (89)
" Hazen (89)
Texarkana A, R (113)
Van Buren, Greig (89)
Walcott #3 (89)
Walnut Ridge A, R (89)
" Walcott #3 (89)
West Memphis, Bowen (89)
" Levee (89)
Wynne (89)

CALIFORNIA

Alameda (75)
Allen (75,77)
Alturas (19)
" #1 (19)
Amedee Figt Strip (19)
Anderson, Pinnegar (19)
Antioch (75)
Arcata H, R T (19)
Armitage (77)
Artesia, Cranford (139)
Auburn FM, A (73)
Avalon, Catalina (99)
Avenal (77)
Bagdad (79)
Bakersfield R (75,77)
" Kern Co T. (75,77)
" La Cresta (75,77,99)
" Minter (75,77)
Banning A, FM (99)
Barstow (99)
Bass Lake, Wishon, USFS
Bay Point FM (73) (77)
Beckwourth (19)
Bellflower (139)
Belmont A, FM (73,75)
Big Bear (99)
Big Pine (77)
Bishop (77)
Blue Canyon FM, (19)
" Int. (19)
Blythe R (101)
" AAF (101)
" Gary (101)
" Harvey (101)
" Heron (101)
Borego Hotel (101)
Boron (77,99)
Brawley (101)
" O'Connell Bros. (101)
Bridgeport, Bryant (77)
Brown (99)
Burbank R, LFM (139)
" Lockheed Air Term.
Calexico (101) T (139)
Callahan FM (19)
Camarillo, Conejo Val'y
" Hidden Valley (139)
Cambria (75) (99)
Camp Pendleton (99)
Carmel Valley (73)
Castaic FM (59,139)
Castle T (77)
" OLF (99)
Cedarville (19) (139)
Chatsworth H. FM
Chester (19)
Chico (19)
" Ranchaero (19)
" Patrick (19)
Claremont, Cable-Clarement (139)
Clarksburg, Borges-Clarksburg (73)
Clarks Dry Lake (99,101)
Coalinga (77)
Colusa (19)
Compton (139)
" Central (139)
Concord (75)
" Buchanan Co. (75)
Corcoran (77)
" Harvey (77)
Corning (15)
Corona (139)
Coronada FM (99)
Costa Mesa, Newport Baysky Harbor (139)
Cotati (73)
Covelo, Round Valley (19)
Coyote Wells (North & South Flds) (101)
Crescent City, Del Norte Co. (19)
" Gasquet (19)
Crows Landing (73)
Culver City, Hughes (139)
Daggett A, R (99)
Davis, State Forestry
" University (73) (73)
" Winters Figt Strip (73)
Death Valley Junction
" Amargosa (77)
Delano (77)
Del Mar (99)
Delta (19)
Desert Center (101)
" Int (101)
Dinuba, Alta (77)
Dixon (73)
Donner Summit R (19,77)
Dos Palos (73)
" Eagle (73)
Downey FMH, FM (99,139)
" Vultee (139)
Dunsmuir (19)
El Cajon (99)
" Gillespie (99)
El Centro R (101)
" NAS T (101)
" Coyote Wells, N. (101)
" Coyote Wells, S. (101)
Elk Creek (19)
El Monte (139)
" Rosemead (139)
Elsinore (99)
" Lake Elsinore (99)
El Toro T (139)
Escondido, Engel (99)
Estrella (75)
Eureka A, FM (19)
" Humboldt Co. (19)
Evergreen FM (73,75)
Fairfield-Suisun AAF R, T. (73)
" Suisun Arpk (73)
Fall River Mills
" Shasta Sky Ranch (19)
Farallon Island H (73)
Fontana FM (99)
Fort Jones A, R (19)
Franklin (73)
Fresno R (77)
" Adams (77)
" Cannon (77)
" Fresno-Chandler (77)
" Fresno-Skylark (77)
" Furlong (Co. Club) (77)
" Hammer (77)
Fullerton (139)
Furnace Creek, Death Valley Nat'l. Monument (77)
Gardengrove (139)
" Haster Farm (139)
Gardner (75,77)
Glendale H (139)
" Grand Central T (139)
Grass Valley (19)
Gray Butte (139)
Gridley (19)
Gustine (73)
Half Moon Bay A, FM (73, 75)
Hamilton H, T (73) (75)
Hammer (77)
Hanford (77)
Haster Farms (139)
Hawes (99)
Hawthorne T (139)
Hayfork (19)
Hayward (75)
Healdsburg, Alexander Valley (73)
" Norton Sky Ranch (73)
Helendale (99)
Hollister (73)
Holtville (101)
Horse Farm (139)
Huntington Beach A, FM (99,139)
Imperial Co. (101)
Independence (77)
Indio A, R (99,101)
" Shavers Summit (101)
Inyokern, Armitage T (77)
" NAF (Harvey Fld)
Jackson (77, 99)
" Amador Co. (73)
Jacumba Hot Spgs. (101)
King City (73)
La Habra FM (99,139)
Lakeport, Lampson (73)
La Mesa FM, A (99)
" Jamacha (99)
" La Pressa (99)
" Sweetwater Spgs (99)
Lancaster, Antelope Valley (99)
" Quartz Hill (99)
" Sterk's Ranch (99)
" War Eagle (99)
Laytonville, 101 Hereford Ranch (19)
Lebec FM (75,99)
Lemoore (77)
" Kleinhammer (77)
Lincoln (73)
Lindsey, Colburn (77)
Little River
" Mendocino (19)
Livermore NAS (75)
" Sky Ranch (75)
Lodi, Lind's (73)
" Kingsbury (73)
" Lodi Arpk (73)
Lomita (139)
Lompoc (75)
" Com. (75)
Lone Pine (77)
Long Beach R, T (99,139)
Los Alamitos T (139)
" Horse Farm (139)
Los Angeles R (99,139)
" Culver City (139)
" Mines T (139)
" Torrance Community (139)
" Vail (139)
Los Banos A, FM (73)
Lost Hills #8 (75, 77)
Lower Lake, Hoberg (73)
McClellan T (73)
McCloud, Ash Creek (19)
Madera (77)
Manteca, Summer Home (73)
Manzanar, Inyo Co. (77)
Marsh T (99)
Maricopa, Cuyama (75)
Mariposa (77)
Martinez (73)
Maryville, Alicia (19)
" Cheim (19)
Mather H, T (73)
Mecca, Port Mecca (101)
Merced Mun. (77)
" Castle T (77)
Mile Square Farm (139)
Minter (75, 77)
Mirage (99)
Miramar, MCAS T (99)
" OLF (99)
Modesto (73)
Moffett T (75)
Mojave NAS (77,99)
Monrovia (139)
Montague (19)
" Siskiyou Co. (19)
Montebello (139)
Monterey, Monterey Peninsula (73)
Morgan Hill, Valley (73)
Mountain View (75)
" NAS (Moffett) R, T (75)
Mt. Laguna H (99,101)
Mt. Shasta R (19)
Muroc, R, T (99)
Napa, Napa Co. (73)
" Sky Ranch (73)
National City (99)
Needles A, R (79)
" Riverview (79)
Nevada City (19)
Newark H, FM (73,75)
Newhall A, R (99,139)
New Jerusalem (73)
Norco (139)
Norwalk
" Delbert Arpk. (139)
Oakland R, T (73,75)
Oceanside H, FM (99)
" Camp Pendleton (99)
" Hi Hi Sky Ranch (99)
Ocotillo (101)
Ojai, Henderson (75)
Olancha, Adamson (77)
" Monache Meadows (77)
" Templeton Meadows
" Tunnel (77) (77)
Ontario T (139)
" Cal-Aero (139)
Oroville (19)
Otay NAAS, Brown (99)
" Wolfe's Arpk (99)
Oxnard Figt Strip (75)
" Ventura Co. (75)
Palisades (139)
Palmdale A, R (99)
" Galbraith (139)
Palm Springs (99,101)
Palo Alto (75)
Parlier
" Paiva Inter-City (77)
Paso Robles A, R (75)
" Estrella (75)
Petaluma (73)
" Justman Fld. (73)
" Oak View (73)
Point Mugu T (75)
Pomona (139)
" Brackett (139)
Porterville (77)
" Cornell (77)
Puente, Sky Ranch (139)
Quincy, Sky Harbor (19)
Randsburg (77, 99)
Ravendale (19)
Ream T (99)
Red Bluff R (19)
" Bidwell (19)
Redding A, FM (19)
" Benton Arpk (19)
Reedley
" Great Western (77)
Rialto, Morrow (99)
Rice (101)
Ridgecrest (77,99)
Riverside A, R (99)
" Arlington (99)
" March T (99)
Ramona (99)
Rosamond, Barnes (99)
" Liberty (99)
Rosedale (99)
Sacramento R, T (73)
" Branstetter (73)
" Lincoln (73)
" McClellan T (73)
" Mather H, T (73)
" Sky Ranch (73)
Salinas A, R (73)
" American Legion (73)
Salton Sea (99,101)
" Borego Hotel (101)
" Clark's Dry Lake (99)
" Ocotillo (101) 101
San Bernardino (99)
" AAF T (99)
" Tri-City (99)
San Carlos (75)
" Cooley (75)
San Clemente Island (99)
" Castle (99)
San Diego R (99)
" NAS T (99)
" Gibbs (99)
" Lindbergh T (99)
" Miramar OLF (99)
" Miramar MCAS T
" Peik (99) (99)
" Rosedale (99)
" San Diego (99)
" Sweetwater (99)
San Fernando (139)
"Whiteman Arpk (139)
San Francisco R, T (73, 75) (75)
" Gap H
San Jacinto, Harmon (99)
San Jose (75)
" Reid-Hillview (75)
" City (75)
San Juan Capistrano, Capistrano Awys (99)
San Luis Obispo (75)
San Marcos
" McCormick (99)
" San Marcos Valley
San Mateo (75) (99)
" Bay Meadows (75)
San Nicolas Isl. (99)
San Pedro, Terminal Island T (139)
San Rafael
" Hamilton H, T (73)
" Marin Co, Inc. (73)
San Ramon (75)
Santa Ana R, T (139)
" El Toro T (139)
" Mile Square Farm
" Orange Co. (139) (139)
Santa Barbara R, T (75)
Santa Cruz (73)
" Sky Park (73)
Santa Maria T (75)
" Dorman (75,77)
" Hancock (75)
" Machado (75)
Santa Monica (Clover)
Santa Paula (75) (139)
Santa Rosa Arpk (73)
" NAAS (73)
" Sonoma Co. (73)
Santa Susana (139)
Santa Ynez, Crawford
San Ysidro (75)
" Borderland (99)
" Ream T (99)
Saticoy (75)
Sausalito FM (73,75)
Secret Valley (19)
Selma (77)
Shafter-Kern Co (75,77)
Shavers Summit (101)
Silver Lake R, A (79)
Sonora, Columbia (77)
Stockton, R, A (73)
" Orange Bros. (73)
" West Lane (73)
Stratford, Newton (77)
Strathmore, Trauger (77)
Susanville (19)
Taft, Allen (75,77)
" Gardner (75,77)
" Parker (75,77)
" Taft-Kern Co. (75,77)
" Taft-Kern Co. Aux (75,77)
" Taft-Kern Co. #2 (75,77)
Tehachapi (77,99)
Terminal Isl. T (139)
Thermal (101)
Tracy (75)
" New Jerusalem (73)
Trona A, R (77,99)
Truckee (19, 77)
Tulare (77)
" Defense Plant Corp.
Turlock (73) (77)
" Turlock Arpk (73)
Twentynine Palms (101)
Ukiah (19)
Upper Lake, Gravelly Valley (19)
Vallejo Sky Harbor (73)
" Stan's Arpk (73)
Valley Springs, Mother Lode (73)
Van Nuys
" Metropolitan T (139)
Vernalis (75)
Victorville "66" (99)
" AAF T (99)
" Grey Butte (139)
" Hawes (99)
" Helendale (99)
" Mirage (99)
Visalia (77)
" Green Acres (77)
" Sequoia (77)
" Piepgrass Bros (77)
Walnut Creek
" Sherman (75)
Warm Springs (75)
Warner Hot Spgs. (99)
Watsonville #1 (73)
" #2 (73)
Weaverville (19)
Westhaven
" Boston Land Co. (77)
Whitmore R (19)
Williams R (19)
" Dalton, com. (19)
" Int. (19)
Willits (19)
Willows-Glenn Co. (19)
Winters Figt Strip (73)
Woodlake (77)
Woodland
" Yolo Flyers (73)
Woodville, Vossler (77)
Yermo, Calico (99)

COLORADO

Akron, A, R (35)
" Douglas (35)
Alamosa (83)
Alvin (35)
Arlington #4 (35)
Aurora LFM (39)
Boulder (39)
Buckley T (39)
Burlington (35)
Calhan (39)
Canon City, Fremont Co.
" Royal Gorge (35) (35)
Colorado Spgs. R (35,39)
" Nichols (39)
" Peterson T (35,39)
" Pine Valley (39)
" Rocky Mtn. (39)
Cortez (81)
Craig (26,35)
Creede (83)
Dacona FM (35,39)
Delta, Starr Nelson
Denver R (35,39) (81,35)
" Buckley T (39)
" Civil Air Patrol (39)
" Combs (39)
" Lowry T (39)
" Ruston (39)
" Sky-Ranch T (39)
" Stapleton (Denver Arpt) T (35,39)
" Vest Acft (39)
Dove Creek (81)
Dupont, Rutledge (39)
Durango (81)
" City-County (81)
Eads (35)
Eagle A, R (26,35)
Englewood (39)
Estes Park (26,35)
Fairplay, Teter (26,35)
Flagler (39,35)
Fort Collins (26,35)
Fort Morgan, Young (35)
Fountain FM (35,39)
Franktown FM (35,39)
Glenwood Spgs (26,35)
Golden, Creighton (39)
Granby (26,35)
Grand Junction R (26)
" Walker (26)
Greeley, Crosier (39)
Gunnison
" Meeker Ranch (35)
Henderson FM (35,39)
Holly, Romer (83)
Holyoke (35)
Hugo (35)
Julesburg (35)
" Doughty's (35)
Kit Carson
" Trading Post (35)
La Junta R (83)
" AAF (83)
" Arlington #4 (35)
" La Junta Bridges (83)
" Las Animas (83)
" Rocky Ford (35)
Lamar (83)
Las Animas (83)
Limon, Stake's Prairie Port (35)
Lindon, Roderick (35)
Longmont (39)
Lowry T (39)
Mancos (81)
Meeker (26,35)
Mesita, Costilla Co. (83)
Monte Vista (83)
Montrose (81, 35)
Nucla (81)
Ordway (35)
Peterson T (39,35)
Pueblo A, R (35)
" Gregg (35)
" Pueblo AAB (35)
Rangely
" Rangely Heights (26)
Rifle (26,35)
Rocky Ford (35)
" Reynolds (83)
Saguache (35)
Salida (35)
Silver Cliff, Valley (35)
Springfield (83)
Sterling (35)
Trinidad A, R (83)
Walden (26,35)
Walsh, Griffin (83)
Watkins FM (35,39)
" East Colfax (39)
Westcliffe, Cress (35)
Wray (35)
Yuma (35)

CONNECTICUT

Bethany (55)
Bridgeport R, T (55)
Bristol
" Stephenson (55)

NEW FACILITIES: Gordon, Ark. (113) Warren, Ark.. Griffin (113) Parkin, Ark.. Lessenburg (89) Cameron, Ariz.. Marble Canyon (81) Monticello, Ark. (113) Clinton, Ark.. Patton (89) Selma, Calif.. Palomino (77) San Ardo, Calif. (73) San Rafael, Calif.. San Francisco Bay (75) Benecia, Calif.. Southampton Bay Air Harbor (73) Springerville-Eager, Ariz.. (81) Mt. Ida, Ark.. Toloson (89) Westwood, Calif. (19) Tuscon, Ariz.. Mission (103) Carlisle, Ark. (89) Kremmling, Colo. (35) Fillmore, Calif. (138) Almyra, Ark.. Prairieville (89) Batesville, Ark. (89) Alma, Ark.. (89) Apache Junction, Ark. (103) Arkansas City, Ark. (113) Bieber, Calif. (19) Hamburg, Ark., Carpenter (113) Centerville, Calif.. Center (75) Fair Oaks, Calif.. Sky Nook (73) Gilroy, Calif. (73) Golden, Colo. FM (35,39) Beebe, Ark., Addington (89)

Canaan (56)
Danbury (56)
East Hartford
" Rentschler T (56)
Essex, Deane (56)
Groton, Trumbull (56)
Hartford R (56)
" Brainard T (55)
Madison
" Hammonasset (56)
Meriden FM, T (55)
Milford (55)
Monroe (55)
Moosup FM (57)
New Haven (55)
Plainfield (57)
Plymouth
" Waterbury (55)
Putnam (57)
Salem (56)
Shelton, Island (56)
Simsbury (55)
Somers, Kinsley (55)
Stonington, Foster (57)
Southington (56)
Wallingford
" Lufbery (56)
Waterford (56)
Watertown (56)
West Haven (56)
Windham (56)
Windsor Locks
" Bradley T (56)
[redacted]
Bridgeville (67)
Dover, Airpark (67)
" AAF (67)
" Sungio (67)
Frankford, Sussex (67)
Georgetown (67)
Harrington (67)
Laurel (67)
" Holly Brook (67)
Lewes, De Vries (67)
Middletown
" Shallcross (67)
New Castle, Biggs (67)
" Bellanca (67)
Rehoboth Beach
" Rehoboth Acftsrs(67)
Seaford, DuPont (67)
Smyrna (67)
Wilmington R (67)
" DuPont T (67)
" New Castle Co. T(67)
[redacted]
Washington R (67,69)
" Anacostia NAS T (69)
" Bolling T (69)
" National T (69)
[redacted]
Alliance #4 (131)
Altoona (135)
Apalachicola (131)
Apopka, Ryan (135)
Arcadia (135)
" Carlstrom (135)
" Dorr (135)
Avon Park (135)
" AAF (135)
Bagdad (131)
Banana River R (135)
" NAS T (135)
Barberville (133,135)
Bartow (135)
Beacon (131)
Bayard FM (133)
Belle Glade (137)
Boca Raton T (137)
Bostwick (133)
Bradenton (135)
Branan (133)
Bronson (131)
Brooksville (135)
Bryceville FM (133)
Buckingham (137)
Bunnell (133,135)
Carabelle Flgt Strip
Cecil T (133) (131)
Cedar Keys (135)
Chipley (131)
Choctaw (131)
Clarcona, Hidden Acres
Clearwater (135) (135)
Clewiston (137)
Cocoa (135)
Conners (135)
Crestview A,R (131)
Cross City A, R (133)
Daytona Beach A, R(133,
" Tomoka (133,135) 136)
De Funiak Spgs. (131)
De Land (135)
Dunedin, Skyport (135)
Dunnellon (135)
Eglin R, T (131)
Ellenton (136)
Ellyson (131)
Eustis, Waterman (135)
Fernandina (133)
Fleming Island (133)
Ft. George Isl. FM (133
Fort Lauderdale FM
" Davie (137) (137)
" NAS (137)
" West Prospect (137)
Fort Myers R (137)
" Buckingham (137)
" Page (137)
Fort Pierce com (136)
" (mun.) (136)
Gainesville
" John R. Alison (133)
" Stengel (133)
Green Cove Spgs
" Lee OLF(133)
Haines City (135)
Hawthorne (133)
Helm (131)
Hillsborough (136)
Holley (131)
Hollywood
" MacArthur (137)
" North Perry (137)
Holt FM (131)
Homestead (137)
" Mun. (137)
Immokalee Arfld (Aux.) (137)
" Int. (137)
Jacksonville R, T (133)
" NAS R,T (133)
" Branan (133)
" Cecil T (133)
" Craig (133)
Jacksonville
" Flemings Isl.(133)
" Hart (133)
" Herlong (133)
" Whitehouse (133)
" Williams (133)
Jasper (133)
Keystone Heights
" Keystone AAF (133)
Key West R (137)
" Meacham (137)
" NAS T (137)
Kissimmee (135)
Lake Butler (133)
Lake City (133)
" Witt (133)
Lakeland AAF (136)
" Mun. #1 (136)
" Skyland (136)
Lake Wales (136)
Lake Worth (137)
Lantana, Palm Beach Co. (137)
Lee (133)
Leesburg (135)
" Aviation Center(135)
" Gray's (135)
Live Oak A,FM(131,133
MacDill T (136)
Malabar (135)
Malone #2 (131)
Marathon (137)
Marianna (131)
" Alliance #4 (131)
" Bascon (131)
" Ellis (131)
" Malone #2 (131)
Master T (137)
Mayport (133)
Melbourne A,R,(135)
" Eau Gallie (136)
" Valkaria (135)
Miami R (137)
" Aviation Center(137)
" Brown (137)
" Chapman (137)
" International T (137)
" Master T (137)
" NAS (Opa Locka)(137
" OLF (137)
" Sunny South (137)
" Tamiami (137)
Miami Bay Shore FM(137
Middleburg (133)
Milton (131)
" Whiting NAS (N,) R, T (131)
" Whiting NAS (S.)(131)
" Santa Rosa (131)
Minneola, Kerlin(135)
Molino FM (131)
Montbrook (133,135)
Monticello (133)
Naples (137)
New Smyrna (135)
North Tampa FM (135)
North Perry (137)
North Pompano (137)
Ocala, Taylor(133,135)
Okeechobee, Connors
Orange City(135) (135)
Orlando R (135)
" AAB(Arpt) T (135)
" Cannon Mills (135)
" Hoequist (135)
Palatka, Kay Larkin(133)
Palatka, Sawyer(133)
Panama City (134)
" City Arpk (131)
" Skyland (131)
" Tyndall R,T (131)
Pensacola A,R, (131)
" Bagdad (131)
" Bronson (181)
" Choctaw (131)
" Ellyson (131)
" Gulf Arpk (131)
" Helm (131)
" Pensacola Arpk(131)
" NAS(Chevalier)T(131)
" Corry (E.&W. Flds) T(131)
" OLF #1(131)
" OLF #5 (131)
" OLF # 6 (131)
" OLF #7 (131)
" OLF #8A (131)
" OLF #9K (131)
" Saufley T (131)
" Spencer (181)
Perry (133)
Pierson Memorial(133,
Pinecastle(135) 135)
Plant City (135)
" Robinson (135)
Pompano, North Pompano (137)
Punta Gorda AAF (136)
" Mun. (137)
Quincy (133)
Richmond (137)
St. Augustine (133)
St. Petersburg
" Albert Whitted(135)
" Ludwig Sky Harbor (135)
" Pinellas Co. Master T (135)
" Piper-Fuller (136)
Sanford (135)
" Osceola (136)
Sarasota-Bradenton(135)
" Commercial(135)
Santa Rosa (131)
Saufley T (131)
Sebastian, Roseland(135)
Sebring (135)
" Hendricks (136)
Spencer (131)
Stock Isl.LFM (137)
Stuart, Witham (135)
Switzerland (133)
Tallahassee R (133)
" Dale Mabry T (133)
" Lake Jackson (133)
Tampa R (135)
" Drew T (135)
" Hillsborough (135)
" MacDill T (135)
" Peter O.Knight (135)
Tennile (133)
Titusville (135)
" Cocoa (135)
Tyndall R,T (131)
Valparaiso, Eglin R,T(131)
" Eglin #1 (131)
" Eglin #2 (131)
" Eglin #3 (131)
" Eglin #4 (131)
" Eglin #5 (131)
" Eglin #6 (131)
" Eglin #7 (131)
" Eglin #8 (131)
Valpariso, Eglin #9(131)
Venice, Mun.(135)
" Fette Acft Serv.(135)
Vero Beach A,R (135)
Wauchula (135)
West Palm Beach R(137
" Morrison T (137)
Whiting NAS((N) R,T
" NAS (S.)(131) (131)
Whitehouse (133)
Williston, Montbrook(133
Wimauma (135) 135)
Winter Haven
" Gilbert (135)
" Orlando Aviation Country Club(135)
" Showalter (135)
Zephyrhills (135)

GEORGIA

Abbeville (117)
Adel, Cook Co. (133)
Albany A,R, (133)
" Turner (133)
" Turner #1 (117)
Alma A,R (133)
Americus (117)
" Souther (117)
Ashburn (133)
Athens (117)
" Polo (117)
Atlanta R,T (117)
" NAS (Camp Gordon)
" Lakewood(117) (117)
Augusta R (119)
" Bush (119)
" Daniel T (119)
Babcock (133)
Bainbridge (133)
" Commodore Decatur
Baxley, Bouser(133) (133)
Bemiss #3 (133)
Boykin, Babcock (133)
Brunswick A,H (133)
" Glynco (133)
Buford, Allen (117)
Butler (117)
Cairo, Cairo-Grady(133)
Calhoun (91)
" Skyway (91)
Camilla (133)
Camp Stewart (119)
Carrollton, City-Co. (117)
Cartersville, Felton (117)
Cedartown (117)
Chatham (119)
Cochran (117)
" AAF (117)
" Red Dog (117)
Columbus (117)
" Muscogee Co. (117)
" Lawson T,R (117)
Conyers (117)
Cordele (117)
Dalton (91)
Darien (133)
Donalsonville (131)
Douglas
" So. Georgia College (133)
Dublin (117)
East Point LFM (117)
Elberton (117)
Faceville (133)
Fitzgerald (133)
Fitzgerald, Three "B" Folkston (133) (133)
Forsyth, Zellner's(117)
Gainesville (117)
Glenville (119)
Glynco R,T (133)
Griffin (117)
Harris Neck (133)
Hinesville (119)
" Camp Stewart (119)
HomervilleFlgtStrip(133)
Jackson (117)
Jasper (93)
Jefferson, Long (117)
Jonesboro FM (117)
La Grange (117)
Lake Park #2 (133)
Lawrenceville, Wages (117)
Lawson R,T (117)
McRae (117)
Macon R (117)
" Cochran (117)
" Herbert Smart (117)
" Ries (117)
Madison (117)
Madras FM (117)
Marietta AAF T (117)
" Clevenger's (117)
" Cobb (117)
" Parkaire (117)
Milledgeville, Kings(117)
Millen, Actons (119)
" Birdsville (119)
Montezuma (117)
Moody (133)
Moultrie (133)
" Northside (133)
" Spence (133)
Nashville (133)
Newnan Arpk (117)
Palmetto, Morton(117)
Perry (117)
Reynoldsville (131)
Richmond Hill FM (119)
Rockmart (117)
Rocky Ford #1 (133)
Rome (117)
" Russell (117)
Rossville (91)
Russell (117)
St. Marys A,FM (133)
St. Simons Isl. (133)
Sandersville,
" Washington Co. (117)
Savannah R (119)
" Chatham AAF (119)
" Hunter T (119)
" Saffold (119)
"Savannah-Wilmington Island (119)
" West Savannah (119)
Siloam (117)
Smyrna FM (117)
Statesboro (119)
Stone Mtn. FM (117)
Swainsboro
" Lindsey (119)
" Thompson (117)
Sylvania (119)
Tallapoosa (117)
Thomaston
" Reginald Grant Memorial (117)
Thomasville AAF (133)
Thomasville Com.(133)
Tifton (133)
Toccoa
" Le Tourneau (93)
Trion
" LaFayette-Trion (91)
Turner A.FM (133)
Vada (133)
Valdosta (133)
" Bemiss #3 (133)
" Lake Park #2 (133)
" Moody (133)
" Rocky Ford #1 (133)
Vidalia
" Vidalia-Peterson (117)
" Vidalia-Lyons (117)
Warm Springs
" Roosevelt (117)
Warner-Robins
" Robins T (117)
Washington (117)
Waycross AAF (133)
" Civil Air Patrol(133)
Waynesboro (119)
Whitman Flgt Strip (133)
Winder (117)
Woodbury (117)

IDAHO

Aberdeen (23)
American Falls (23)
Anderson Dam
" Bennett Flgt Strip (22)
Arco (23)
Big Springs (6)
Boise R (22)
" Air Terminal F (22)
" Bradley (22)
Buhl (23)
Burley A,R (23)
Caldwell (22)
Cascade (3)
Cayuse Creek (3)
Challis (6)
Coeur d'Alene R (3)
" Air Terminal (3)
" Weeks (3)
Craigmont (3)
Dixie (3)
" Chamberlain (3)
Dubois A,R (6)
Eagle FM (22)
" Floating Feather(22)
Emmett (22)
Fairfield, Camas Co.
Glenns Ferry (22) (23)
Gooding H (23)
" (new) (23)
" (old) (23)
Grangeville
" Idaho Co. (3)
Hagerman
" Thousand Springs (23)
Hailey, Friedman (23)
Hayfield, Tyhee (23)
Idaho Falls A, R (23)
Idahome (23)
Jerome (23)
Kamiah (3)
Kellogg (3)
Knox, Landmark (3)
Lake, Flying "R" (6)
Lewiston (3)
McCall (3)
Mackay (23)
Malad City R.A (23)
Montpelier (23)
Mountain Home FM(22)
" AAF (22)
" Site 25, SL-PO (22)
Nampa, Ritchey (22)
Orofino (3)
Paris
" Bear Lake Co. (23)
Parma (22)
" Nyssa (22)
Payette A, FM (3)
Pocatello A, R (23)
" AAF (23)
" University (Ham's) (23)
Preston (23)
Priest River (3)
Red River Hot Springs
" Moose Creek (6)
Rexburg (23)
Richfield, Albert (23)
St. Anthony (23)
St. Maries (3)
Salmon (6)
Sandpoint (3)
Shoshone Flying Bar "S" (23)
Strevell H. A (23)
Tensed
" Tekoa Fly.Club (3)
Twin Falls (23)
Victor (Benbett Fld) (23)
Weiser (3)
[redacted]
Alexander, Negus (39)
Alton, Wadlow (39)
Arcola, Allen (59) (41,
Armington, Medbury 45)
Ashburn LFM (43,45)
Aurora (43)
Beardstown (39)
Belleville
" Gundlach (39)
" Scott T,R (39,41)
Bensenville
" Sky Haven (43)
Bloomington (48)
Blue Island, Howell(43)
Blue Mound
" McCoy (41)
Bradford H.A(41,45)
Cairo, N. Cairo (89)
Carbondale (89)
Carmi, White Co. (59)
Carthage (41)
Casey (59)
Champaign (45)
" Univ. of Ill.(45)
Chanute R, T (45)
Charleston (59)
Chesterfield (39)
Chicago R,T (43,45)
" Ashburn (43)
" Chicago-Orchard Place (43)
Chicago Heights
" Ashland Ave. (43)
Clinton Fly.Club(45)
Dalton City, Moody
Danville (45)
" Vermilion(45)
Decatur (41,45)
" Park District (45)
De Kalb
" Interstate (45)
Des Plains
" Ravenswood (43)
Dixon (41,45)
East St. Louis
"Parks Metropolitan (39)
" Lakeside (39)
" Parks (39)
Edwardsville (39)
Effingham R.A (59)
" Co. Memorial (59)
Elgin
" Kane County (43)
Elmhurst
" Chicago-Elmhurst (43)
Earlville, Clearview(45)
Fairfield
" B & K Fly.Svc.(59)
Flatt, Hi-Way (41,45)
Flora (59) (45)
Franklin Park FM. (43)
Freeport, Albertus (45)
Galesburg (41,45)
George (59)
Gillespie, H & S (39)
Glenview NAS T,R (45,
" Pal-Waukee (43) 43)
Grayslake (43)
Harvey R (43,45)
" Rubinkam (43)
Havana, Matanzas (41,
Highland-Winet (39) 45)
Hillsboro (41)
Hinsdale (43)
Homewood
" Washington Park (43)
Hoopeston, Russell's (45)
Horace
" Midway Aviation(45)
Jacksonville (39)
Jerseyville FM(39,41)
Johnsburg Arpk(31)
Joliet R,A (43,45)
Kankakee (45)
La Grange, Stinson(43)
Lansing
" Chicago-Hammond (43)
La Salle, Vogel(41,45)
Lawrenceville
" George (59) (39)
Lebanon, Cyril Lebert
Lockport
" Lewis-Lockport(43)
Lombard
" York Township(43)
Macomb (41,45)
Marion (59)
" Macarin (89)
Mattoon (59)
Mendota
" Fitzgerald (41,45)
Moline R, (41,45)
Momence (43)
Monmouth (41,45)
Morris (43)
Morton (41,45)
Mt. Carmel
" Beckerman (59)
Mt. Vernon (59)
Murphysboro (89)
Muddy, Harrisburg-El Dorado (59)
Nashville (41)
Newark FM (45)
Northbrook
" Sky Harbor (43)
Oaklawn, Harlem(43)
Olney, Schilt (59)
Ottawa (45)
Paris (59)
Pecatonica (45)
Pekin (41,45)
Peoria A,R(41,45)
" Mt. Hawley (41,45)
Polo-Hamilton (45)
Prairie du Rocher (89)
Presbyterian
" Church #3 (59)
Princeton (45)
Quincy (41)
" (new) (41)
Ramoul, Chanute R,T
Roanoke (45)
" Phil-Larry (41,45)
Rochester (39)
" Fleck's Lakeview
Rockford R (45)
" Machesney (45)
St. Charles (43)
St. David (41,45)
St. Elmo
" Smith Aviation(59)
St. Francisville
" Presbyterian Church #3(59)
Salem, Lockrone (59)
Sandwich (48)
Scott T, R (39,41)
Shelbyville
" Shelby Co.(59)
Sheldon
" Dissosway (45)
" Powell Bros.(45)
South Beloit
" Beloit-So. Beloit(31)
Springfield A,R (39,41,
Steger, Will Co.(43) 45)
Sterling (41,45)
Stockton (45)
Streator Air Svc.(45)
Sycamore
" Kishwaukee.(45)
Taylorville (41)
Tinley Park
" Prosperi (43)
Tuscola, Cooper (45)
Urbana, Illini (45)
Vandalia Mun.(41)
Van Orin (41,45)
Warren, Evergreen(31)
Waukegon (31)
" Lake Co.(31)
Wooddale (43)

INDIANA

Advance FM (47,143)
Anderson (143)
" Ace (143)
" G & C (143)
Angola, Tri-State (47)
Atterbury AAF (55)
Attica (45,47)
Auburn (47)
Baer (47)
Bargersville (143)
Bedford (55)

NEW FACILITIES: Richfield, Idaho. Adkins(23) Shoshone, Idaho, Andrew(23) Woodstock, Conn., DeFlorez(57) Milford, Ill.(45) Mt. Erie, Ill., Van Fossan's(59) Annapolis, Ind., Port O'The Woods(45,47)

Bedford, Sky Haven (59)
Bloomingdale
" Port O' the Woods Arpk. (47)
Bloomington (59)
" Campus (59)
" Veterans (59)
Bluffton (47)
Brownsburg (143)
Bunker Hill (47)
Cedar Grove FM (59)
Cedar Lake (47)
Chalmers
" Monticello (45,47)
Charlestown (59)
Clayton FM (59,143)
Columbus (59)
" Atterbury AAF (59)
Connersville
" Metzel (47,59)
Crawfordsville (143)
Crown Point (47)
Culver (47)
Cynthiana
" Straub (59)
Danville, Mocca (143)
Demotte, Cheever (47)
Dyer, Triangle (43)
Elkhart (47)
Elwood (47)
Emison (59)
Evansville R, T (59)
Fort Wayne R (47)
" Baer T (47)
" Myers (47)
" Smith (47) (45,47)
Frankfort, Lockwood
Franklin Fly.Fld (143)
Freeman (59)
French Lick Springs (59)
Gary (45,47)
" Lakeside (45)
Goshen A,R (47)
" Midway (47) (47,143)
Greencastle A,FM, (143,
Greenfield FM, A (143,
" Farmers (143) (47)

Greenwood
" White Cloud (143)
Hobart, Gamble (47)
Huntingburg (59)
Huntington (47)
" Wakefield (47) (47,
Indianapolis R, T (143)
" Brightwood (143)
" Hoosier-Park (143)
" Shank's (143)
" Sky Harbor (143)
" Stout T (143)
Jeffersonville, Bush (59)
" - New Albany (59)
Kendallville (39)
Kentland (47,45)
Kingman (47)
" Kingman Fly.Svc (45)
Knox, Starke Co (47,45)
Kokomo, Ruzicka (47)
" Mun. (47)
Ladoga, Himes (143)
Lafayette R (47,45)
" Aretz (47,45)
" Halsmer (47,45)
" Purdue Univ. (47,45)
" Reimer (47,45)
La Fontaine
" Shaffer's (47)
Lake Village (43)
Lapel (143)
La Porte (47,45)
Lawrenceburg (59)
Lebanon (143)
Linton (59)
Lizton (143)
Logansport (47,45)
" Logan (47,45)
Lowell FM (47,43)
Madison
" AAF (59)
" - Myers (59)
Marion (47)
" West Side (47)
Markle FM (47)
Martinsville (143)
McCool H,FM,A (45,47)
Medaryville (47,45)
Michigan City (47,45)
Milroy (143)
Mishawaka (47)
" Sportsman (47)
Monticello (47,45)

Morgantown FM (143,47)
Mount Vernon (59)
Mulberry, Stair (47,45)
Muncie (47)
" Delaware (143)
" Reese (143)
New Carlisle, Gordon
New Castle (143) (47,
" Western (143) 45)
Noblesville (143)
North Manchester
" Manchester (47)
North Vernon
" St. Anne #2 (59)
Notre Dame FM (47)
Oaktown, Emison (59)
Ockley (47,45)
Orleans
" Silent Brook (59)
Perrysville
" Highland (47)
Peru (47)
Plainfield, Loy (143)
Plymouth (47,45)
Portland, Bringham (47)
" Steed (47)
Ramsey, Bush (59)
Rensselaer (47,45)
" Jasper Co. (47,45)
Richland
" Ferguson (59)
Richmond, Com. (47)
" Mun. (47)
" East Richmond (47)
Rochester (47)
Rushville
" Howell Bros. (143)
Salem
" Boss-Denien (59)
Scottsburg (59)
Selma
" Huffman Air Svc (143)
Seymour, Freeman (59)
" Mapleton (59)
Shelbyville (143)
" - Suco (143)
Sheridan (143)
" Black Hawk (47)
Shoals, Stiles (59)
South Bend R (47,45)
" Bendix T (47,45)
" Cadet (47)
" Chain Lakes (47,45)
Stout T (143)
Syracuse, Spink-Wawasee (47)
Terre Haute R (59,47)
" Hulman (59,47)
" Paul S. Cox (59,47)
Valparaiso
" Urschell (45,47)
Vevay (59)
Vincennes, O'Neal (59)
Wabash
" Whittenberger (47)
Warsaw, Smith (47)
Washington (59)
" Mun. (59)
Wellsboro (47,45)
" Triangle Air Svc (47
West Lebanon, Cork, (45)
Winchester, Coxey's (47)
Yorktown (143)
Zionsville (143)
" Beck (143)
" Moore (143)

IOWA

Adair (41)
Algona, Squeeze (29)
Anita, Dressler (41)
Ames (29)
Armstrong (29)
Atlantic (41)
" (Mun) (41)
Audubon, Awys (41)
Bellevue (29)
Burlington A,R (41)

Carroll (29)
Cedar Rapids (41)
" Hunter (41)
" Saxon (29)
Centerville (41)
Chariton (41)
Charles City Mun. (29)
Cherokee (28)
Clarinda (41)
Clarion (29)
Clermont (29)
Clinton (41,45)
Columbus Jct. (41)
Council Bluffs (39)
Creston Awys (41)
Davenport, Cram (41,45)
Decorah
" Tatro Fly.Svc. (29)
Denison (28)
Des Moines R,T (41)
" Beaver (41)
Dows (29)
Dubuque (29)
Dunlap (39)
Dyersville Awys (29)
Earlham FM (41)
Eldora, Emmerts (29)
Elkader Arpk (29)
Emmetsburg, Ryan (29)
Estherville (29)
Fiscus, Briggs (41)
Floyd, Henry's (29)
Fort Dodge, Eno (29)
Fort Madison (41)
Garner, Wicks (29)
Glenwood FM (37,39)
Grimes, Dodge (41)
Grinnell, Niederhauser Airways (41)
Grand Mound, Grand (41)
Grundy Center (29)
Guthrie Center (41)
Hancock FM (37,39)
Harlan (39)
Hartley Mun. (28)
Ida Grove,
" Nicholson (28)
" Flying Service (28)
Independence (29)
Iowa City A,H (41)
Iowa Falls (29)
Jefferson (29)
Keokuk (41)
Lake City (29)
Lamoni (41)
Le Mars, Western Union College (28)
Leon (41)
Lone Tree, Weise Flying Service (41)
Manning (41)
Marshalltown,
" Niederhauser (29)
Mason City A,H (29)
" Eco (29)
Mechanicsville,
" McVille (41)
Melbourne (41)
" Commercial (41)
Milford, Fuller (28)
Missouri Valley (39)
Moneta, Thorne (28)
Monroe FM (41)
Montezuma (41)
Mt. Ayr, Mt. Ayrport (41)
Mt. Pleasant (41)
Muscatine (41)
Newton (41)
Ocheyedan, John E Peters (28)
Oelwein Mun. (29)
Onawa,
" Oliver Ranch (39)
Oskaloosa, Roth (41)
Ottumwa (41)
" NAS T (41)
" Venture (41)
Pella (41)
Pocahontas (29)
Randolph (39)
Red Oak (41)
Riceville, Mosher (29)
Rock Rapids,
" McKisick (28)
Sac City (29)
Seymour (41)
Sheldon (28)
Shenandoah (39)
Sioux City R,T (28)
Sloan FM (28)
Spencer (28)
" Hart (28)
Spirit Lake
" Okoboji Awys (28)
Storm Lake (28)
Strawberry Pt., Goodrich & Gross (29)
Stuart (41)
Sutherland, Liberty (28)
Traer (29)
Washington (41)
Waterloo (29)
Waterloo, Canfield (29)
" Chapman (29)
Webster City (29)
Wesley (29)
Winterset (41)

KANSAS

Abilene (37)
" Wright Arpk (37)
Anthony A, H (85)
Arkansas City (87)
" Baird (87)
Ashland (85)
Atchison, Hawk's (43)
Atwood (37)
Augusta, Hilltop (87)
Belleville (37)
Beloit, Moritz (37)
Bern (37)
Brewster,
" Eddie Hutton (37)
Caldwell (87)
Cassoday (85)
Cedar Pt., Clothier (37)
Chanute A,R (85)
Clay Center (37)
" Wood Arpk (37)
Coffeyville
" Mun. #1 (85)
" Mun. #2 (85)
" Edgewood (85)
" Ferguson Fly.Fld (85)
Colby (37)
Coldwater, Stark (85)
Concordia, Blosser (37)
Derby (87)
Desota FM (43,41)
Dodge City A,H (85)
" AAF (85)
" Dodge City #4 (85)
Downs (37)
Edwardsville, Fisher (43)
El Dorado (87)
" Frasier (87)
Ellinwood (37)
Emporia (37)
Eureka (85)
Fairfax T (43)
Ft. Leavenworth,
" Sherman T (43)
Ft. Riley,
" Marshall R,T (37)
Fort Scott (89)
Fredonia (85)
Garden City A,R (85)
" AAF (85)
" #1 (85)
" #2 (85)
" #3 (85)
Gardner (43)
Garnett, Mader (41)
Girard (89)
Goodland A,H (37)
Great Bend AAF (37)
" Airpark (37)
Greensburg (85)
Hays (37)
" Walker (37)
Hazelton, Strickland (85)
Herington (37)
" AAF (37)
Hiawatha (37)
Hoisington,
" Giffin-Orton (37)
Holyrood (37)
Hutchinson A,R (85)
Hutchinson
" Commercial (85)
" NAS (85)
Independence (85)
" AAF T (85)
" #3 (85)
" #9 (85)
Iola (85)
Johnson (83)
Kansas City,
" Fairfax T (43)
Kechi FM (87,85)
Kingman (85)
Kiowa Fly. Svc (85)
Lakin, Puckett's (83)
Larkinburg (37)
Larned (37)
Lawrence (43)
Leavenworth
" Le Compton (43)
Lebo A,R (37)
Lenexa, Allman (43)
Lenora (37)
Liberal (85)
" Glenn Martin (85)
Lyons (37)
McPherson (37)
" Janssen Skytell (37)
Manhattan (37)
" Mankan (37)
" Pottawatomie (37)
Mankato (37)
Marion (37)
Marshall R,T (37)
Meade (85)
Medicine Lodge (85)
Moundridge (37)
Newton (83)
Norton (37)
Oberlin (37)
Olathe, Hall's (43)
" NAS R,T (41,43)
" OLF #2 (43)
" OLF #4 (43)
" OLF #7 (43)
" OLF #9 (43)
Ottawa (43)
" Conard (43)
Oxford FM (85,87)
Paola FM (41,43)
Parsons (85)
Phillipsburg (37)
Pittsburg
" Atkinson (89)
Plains (85)
Pratt (85)
" AAF (85)
Russell (37)
St. Francis (35)
Salina A (37)
" Sky Village (37)
" Smoky Hill R,T (37)
Satanta (85)
Scott City (37)
Sedan, Walters (85)
Seneca (37)
Sharon Springs (35)
Sherman T (43)
Smith Center (37)
Smoky Hill R,T (37)
South (85)
Stafford (85)
Stanley, State Line Arpk (43)
Summerfield (37)
Syracuse (83)
Syracuse Int. (83)
Topeka R,T (37)
" Huntoon (37)
" Phillip Billard T (37)
Towanda FM (87,85)
Viola FM (87,85)
Wakefield, Elkins (37)
Walker (37)
Wellington (87)
Wellsville, Gault (43)
Wichita R,T (85,87)
" Arther Airfld (87)
" Beech (87)
" Cannon Ball (87)
" Cessna Acft (87)
" Culver (87)
" Ken-Mar Arpk (87)
" Rawdon (87)
" Riverside (87)
" University (87)
" Wilson (87)
Winfield (87)
" South (87)
" Strother (87)

KENTUCKY

Ashland (63)
Bowling Green A,R (91)
Campbell (91)
Campbellsville (59)
Covington, Greater Cincinnati T (61)
Crayne, Marion-Jaycee (59)
Danville, Goodall (59,61)
Eastwood FM (59)
Falmouth (61)
Fort Knox,
" Godman R,T (59)
Frankfort,
" Silver Lake (59,61)
Glendale (59)
Godman R,T (59)
Greenville
" Greenville-Central City (59)
Henderson Arpk (59)
Hopkinsville
" Campbell AAF (91)
" Garnett (91)
Lebanon (59)
Lexington R (61)
" Blue Grass (61)
" Cool Meadows (61)
London
" Jody (61)
Louisville R (59)
" Bowman T (59)
" Riverside (59)
" Standiford (59)
Madisonville (59)
Mayfield
" Graves Co. (91)
Maysville (61)
Middlesboro (93)
Monticello
" Rice (93)
Mt. Washington (59)
Owensboro (59)
Paducah
" McCracken (91)
" Howell (59)
Paris (61)
Russell
" Abken (61)
Shelbyville, Shelby (59)
Shepherdsville FM (59)
Somerset (61)
" Pulaski Co. (93)
Sturgis (59)
Sulphur FM (59)
Union FM (61)
Warsaw (59)

LOUISIANA

Alexandria A, R (127)
" Esler (129)
" McArthur (127)
Arcadia (113)
Barataria FM (129)
Bastrop (113)

Baton Rouge R (129)
" East Baton Rouge Parish (129)
" Harding (129)
" Pike Burden (129)
Bogalusa (129)
Camp Polk
" N Camp Polk (127)
" S Camp Polk (127)
Cotton Valley (113)
Covington (129)
" K-P (129)
Crowley
" LeGros Memr'l (127)
Delhi (113)
De Quincy (127)
De Ridder (127)
Dixie FM (113)
Donaldsonville (129)
Esler (129)
Eunice (127)
Ferriday (113,129)
Gilbert
" Gardner (113)
Grand Isle (129)
Hammond (129)
Hodge (113)
Houma (129)
Jackson (129)
Jennings (127)
Lafayette A,H (129)
" Bois de Lafayette (129)
" Girard (129)
Lake Charles A,R (127)
" AAF (127)
" N Lake Charles (127)
Lake Providence (113)
LaPlace FM (129)
Leesville (127)
" Landing Strip (127)
Madisonville FM (129)
Mansfield
" De Soto Parish (113)
Many
" Hart (113)
Minden (113)
Moisant Intern'l T (129)
Monroe A,R (113)
" Selman (113)
Morganza, Point Coupee (129)
Natchitoches (113)
Newellton (113)
" Burnside & McDonald
New Iberia (129)
" Iberia Parish (129)
" Texaco (129)
New Orleans FM, R, T (129)
" Alvin Callender (129)
New Orleans,
" Chapman (129)
" NAS (129)
" Menefee (129)
" Moisant Inter'l T (129)
New Roads
" False River (129)
North Camp Polk (127)
Oakdale (127)
Opelousas (129)
Patterson
" Harry P. Williams Memorial (129)
Pollock (127)
Ruston (113)
St. Joseph
" Castle (113)
Shreveport R,T (113)
" Barksdale R,T (113)
" Lucien (113)
" Arpk (113)
Sondheimer, Roosevelt (113)
South Camp Polk (127)
Tallulah (113)
Ville Platte, Evangeline (129)
Wilson, Redwood (129)
Winnfield
" David G. Joyce (113)
Winnsboro (113)

[redacted]

Andover (18)
Ashland, Snowman's (18)
Auburn
" Greenlaw (18)
" Lewiston-Auburn (18)
Augusta A,R (18)
Bangor R (18)
" Dow T (18)
Bar Harbor (18)
Baring, St. Croix (18)
Belfast (18)
Benton, Fernald's (18)
Bethel (18)
Biddeford (57)
Bowdoinham
" Merrymeeting (57)
Brewer
" Doanes (18)
Bridgewater
" Nelson's (18)
Brunswick
" Douglas (57)
" NAS (57)
" Riverside (57)
Caribou (18)
Deblois Figt Strip (18)
Dexter (18)
Dow T (18)
East Corinth FM (18)
Eastport (18)
Ellsworth
" Billings (18)
Farmington (18)
Freeport
" Stover (57)
Fryeburg Arpk (18)
Greenville (18)
Houlton A,R (18)
Island Falls
" Green's (18)
Kennebunk (57)
La Grange
" Bishop Fld (18)
Lewiston (18)
" Guertin (18)
Limestone FM (18)
Livermore (18)
Madison
" Weston (18)
Millinocket A,R (18)
Minot
" Maheux (18)
Newport (18)
Norridgewock (18)
Norway (18)
Old Town (18)
Patten
" Webb's (18)
Phillips
" Raymond's (18)
Pittsfield (18)
Pittston (18)
Portland A,R (57)
Presque Isle R,T (18)
Princeton (18)
Rangeley (18)
Rockland (18)
" Rockland-Broadway (18)
Rumford (18)
Sanford (57)
Scarboro (57)
Skowhegan
" Tomlinson (18)
South Portland
" Port Of Maine (57)
Turner
" Rollins (18)
Waterville (18)
West Bath
" New Meadows (57)
West Buxton
" Hillip (57)
Winterport
" Roy L. Fernald (18)

MARYLAND

Aberdeen (67)
" Phillips T (67)
Andrews R,T (69,67)
Annapolis T (67)
" Lee Annapolis (67)
Baltimore R,T (67)
" Martin T (67)
" Pimlico (67)
" Rutherford (67)
Beltsville FM, A (69,67)
Berwyn
" Capital (69)
Brandywine R (67,69)
" Curtis (69)
Camp Springs
" Andrews R T (67,69)
Churchville
" Aldino (67)
Clinton
" Hyde (69)
College Park (69)
Croom
" Columbia Air Center
Cumberland (65) (69)
" Mexico Farms (65)
Doncaster FM (69,67)
Easton
" Webb (67)
Edgewood Arsenal (67)
Fort Meade (69)
Frederick
" Stevens (67)
" Frederick City (67)

NEW FACILITIES: Marshalltown, Iowa, Marshall (29) Camby, Ind., Owen Pathfinder (143) Boonville, Ind. (59) Yorktown, Ind. (143) Rising Sun, Ind. (59) Greencastle, Ind. (143) Elkhart, Ind., East Side (47) Danville, Ind., Stewart (47) Hazel, Ky., Marian (91) Elkton, Ky., Standard (91) Milford, Ky. (61) Manchester, Ky., Sky (61) Madisonville, Ky., Agee Williams (59) Lynch, Ky., Cumberland Valley (93) Knifley, Ky., Streeval (59) Monterey, Ky., Karsner (59) Nolin, Ky., Kernek's (59) Glasgow, Ky., Davis-Norris (91) Coal Run, Ky., Pikeville (61) Cedar Bluff, Ky., Princeton (91) Darfolk, Ky., Codell (61) West Point, Ky. (59) Indianola, Iowa FM (41) Elkhart, Kans. (83)

(See last column of index for additional new facilities)

Glenburnie
" Whipp (67)
Greenbelt
" Bahrom (69)
Hagerstown (67)
Hyattsville
" Queens Chapel (69)
Meekins Neck FM (67)
Ocean City
" Hickman (67)
Patuxent River R,T (67)
Phillips T (67)
Piney Point (67)
Pocomoke (67)
Pomonkey
" Maryland (69)
Priest Point
" Webster T (67)
Riverdale
" Erco (69)
Rock Hall (67)
" Faybrook (67)
Rockville
" Congressional (69)
Salisbury (67)
" Delmarvia (67)
Shady Side (67)
Taneytown (67)
Webster T (67)
Westminster,CAP(67)
Worton
" Andelot (67)
" Kent (67)

MASSACHUSETTS

Adams (55)
Agawam Land & Seaplane Base (55)
" Bowles (55)
Auburn (57)
Ayer (57)
" Littleton (57)
Barre Plains
" Hiller (56)
Bedford H,T (57)
Beverly (57)
Billerica
" Shawsheen Pines(57)
Boston R (57)
" Logan T (57)
Brant Rock FM (57)
Brockton (57)
Brookfield (56)
Canton
" Boston-Metro (57)
Chatham (57)
Chicopee Falls
" Westover R,T (55)
Clinton,Bolton (57)
Dedham FM (57)
Dracut,Richardson(57)
East Brookfield (55)
Easton FM (57)
Edgartown (57)

Essex,Cape Ann (57)
Everett FM (57)
Falmouth (57)
" Otis (57)
Fitchburg (57)
Franklin FM (57)
Gardner (55)
Great Barrington (55)
Groton (57)
Hatfield,Pilgrim (55)
Haverhill (57)
Hyannis (57)
Lawrence (57)
Leicester (57)
Mansfield (57)
" Clifford Sherman Memorial (57)
Marlboro (57)
Mendon (57)
Montague
" Turners Falls (55)
Myricks (57)
Nantucket Isl. (57)
New Bedford (57)
Newburyport
" Plum Island (57)
Norfolk
" Franklin-Norfolk(57)
North Adams
" Stevens (55)
Northampton
" LaFleur (55)
" Pilgrim (55)
North Attleboro
" Wilkins Fly.Fld (57)
North Grafton
" Grafton (57)
Norwood (57)
Oak Bluffs (57)
Orange (55)
Otis (57)
Palmer
" Metropolitan (55)
Peabody FM (57)
Pepperell, Glow (57)
Pittsfield (55)
Plymouth (57)
" OLF (57)
Provincetown Landing
Revere (57) (57)
Seekonk
" Providence (57)
South Boston LFM (57)
Southbridge (55)
South Easton,Ames(57)
South Weymouth T (57)
Spencer (57)
Springfield (55)
Squantum R,T (57)
Taunton,King (57)
Vineyard Haven
" Martha's Vineyard (57)
Wareham,Co.Club(57)
West Barnstable
" Cape Cod (57)
Westboro (57)
Westfield R (55)
" Barnes (55)
Westover R,T (55)
West Springfield (55)
Williamstown
" Fair View Farm(55)
Worcester (57)

MICHIGAN

Adrian,Adrian City (47)
Allegan (33)
Alma (33)
Alpena
" Phelps Collins (15)
" Scheidler (15)
Amasa (15)
Ann Arbor (141)
" Washtenaw (141)
Armada,Center (33)
Atlanta (15)
AuGres (15,33)
Baldwin (15,33)
Bangor FM (33)
Baraga,Big Lake (15)
Battle Creek R (33)
" Kellogg (33)
Bay City
" Elements (33)
Belding Flyers (33)
Bellaire (15)
Benton Harbor
" Twin Cities (45)
Big Beaver (141)
Big Rapids
" Mecosta Co. (33)
Birmingham,Berz (141)
Blaney,Blaney Park(15)
Breedsville (33)
Brevort (15)
Cadillac H,A (15,33)
Calumet
" Houghton Co. (15)
Caro (33)
Centerville
" St. Joseph Co. (47)
Charlevoix (15)
Charlotte,Beach (33)
Clare,Doherty (15,33)
Clio, West's (33)
Coldwater,Legg (47)
Comstock Park
" Grand River (35)
Croswell,City(33)
Crystall Falls
" Dr.A.L.Haight(15)
Davison,Seely's(33)
Detroit H (33,141)
" Burns (141)
" Detroit City T (141)
" Ford (141)
" NAS (141)
" Nat'l Fly. Svc.(141)
" Joy (141)
" Wayne Co. (33)
Douglas
" Saugatuck-Douglas
Dowagiac (31,33)
" Cass Co.Mem'l (47)
East Jordan (15)
Eaton Rapids,Miller(33)
Elsie (33)
Escanaba (15)
Evart Mun. (15)
Farmington
" Krist-Port (141)
Flat Rock,Nanbar (141)
Flint H (33)
" Bishop T (33)
Flushing,Dalton (33)
Fostoria,Forrest (33)
Frankfort (15,31,33)
Fraser,McKinley(141)
Galesburg
" Avia.Co.Club (33)
Gaylord,Sky Harbor(15)
" Otsego Co. (15)
Gladwin A,H (15,33)
Grand Ledge
" Abrams (33)
Grand Rapids R (33)
" Kent Co. (33)
Grayling (15)
" Masons (15)
Greenville (33)

Harbor Beach (15,33)
Harrison (15,33)
Hartford
" Leach Aero Svc. (33)
Hastings (33)
Hillman (15)
Hillsdale (47)
Holland
" Park Township (33)
Houghton R (15)
" Isle Royale Sands (15)
Houghton Heights
" Houghton Lake (15)
Howell (33)
Indian River
" Calvin Campbell(15)
Ionia (33)
Iron Mountain, Ford (15)
Ironwood,Gogebic (14)
Ishpeming-Dexter (15)
Ithaca,Johnsons (33)
Jackson H (33)
" Reynolds (33)
Kalamazoo
" Austin Lake (33)
" Lindbergh (33)
Kalkaska (15)
Kinross (15)
Lakeview (33)
Lansing R (33)
" Capital City (33)
Lapeer (33)
Lawton,Marks (33)
Loretto
" Norway Township(15)
Ludington
" Mason County(15,31)
Mackinaw City (15)
Maple Rapids (35)
Manistee-Blacker (15, Manistique 31)
" School-Craft Co.(15)
" Steuben (15)
Marenisco (15)
Marquette Co. (15)
Marshall,Brooks (33)
Mason,Jewett (33)
Menominee Co. (15)
Midland,Barstow (33)
Milan (141)
Mio (15)
Mt. Clemens
" Selfridge R,T (33)
Mt. Pleasant (33)
Munising,Alger Co.(15)
Muskegon R (31,33)
" Muskegon Co. (31)
" Northside (31,33)
Newaygo (33)
Newberry,Luce Co(15)
Newport (141)
" Monroe (47)
Niles (47)
Norway,Northland (15)
Onaway (15)
Oscoda (15,33)
Owosso
" Shiawassee Co. (33)
Paw Paw (39)
Pellston H (15)
" Emmet Co. (15)
Petoskey
" Harbor Springs (15)
Plymouth
" Mettetal (141)
" Triangle (141)
Pontiac,Allen's (33)
" Pontiac (33)
Port Huron,Baker's(33)
" St. Clair Co. (33)
Prudenville
" Roscommon Co.(15, Raco (15) 33)
Rexton,D.A.R. (15)
Rogers City
" Presque Isle Co.(15)
Romulus R (33,141)

Roscommon (15,33)
Roseville (141)
Rothbury,Oceana (31)
Saginaw A,H (33)
" Barry (33)
" Skyhaven (33)
" Tri City (33)
Saline FM (33,141)
St. Helen (15,33)
St. Ignace
" Mackinac Co. (15)
St. James
" Beaver Island (15)
Sault Ste Marie A,R(15)
Selfridge R,T (33)
Sidnaw
" Prickett-Grooms (15)
South Branch
" Timbers Sky Camp (33,15)
South Haven, City (45)
Sparta (33)
Sturgis,Kirsch (47)
Tecumseh (141)
Three Rivers
" Dr.Haines Fly. (47)
Traverse City A,R (15)
Utica, Wings (33)
Warren (141)
Waters (15)
Watersmeet (15)
Wayne
" Hartselle Air Term.
" Stinson (141) (141)
West Branch
" La Porte (15,33)
White Cloud (33)
Wildwood
" Pet-O-Se-Ga (15)
Wixom FM (33,141)
Wyandotte,Hance (141)
Ypsilanti
" Gridley (141)
" McEnnan (141)
" Willow Run T (141)

MINNESOTA

Aitkin Mun. (14)

Albert Lea (29)
Alexandria A,R (11)
Amboy (29)
Annandale,Kentoby (14)
Anoka Fly.Svc. (14)
Appleton (11)
Austin, Decker (29)
Barnesville FM (11)
Baudette (14)
Bemidji (14)
Benson (11)
Blue Earth (29)
Brainerd (14)
" Todd (14)
Camp Ripley (14)
Cokato,Anderson (14)
Coleraine (14)
Crookston (11)
Crosby (14)
Detroit Lakes (11)
Dodge Center
" Pleasant Corners(14)
Duluth R (14)
" Williamson-Johnson
Ely (14) (14)
Erskine
" Erskine-Gunther(11)
Fairfax,Bleick (14)
Fairmont (29)
Faribault (14)
Fergus Falls (11)

Frontenac
" Lake City (14)
Fulda Mun. (28)
" Janssen (28)
Garrison, Miller (14)
Glenwood Mun. (11)
Graceville (11)
Grand Rapids (14)
" Otis Lodge (14)
Hamel FM (14)
Hastings FM (14)
Hector (14)
Hibbing (14)
Hutchinson (14)
Jackson Mun. (29)
Jordan FM (14)
Kenyon (14)
Lake Benton (11)
Lake Wilson
" Smitty Sky Rnch (11)
Le Sueur (14)
Little Falls
" Camp Ripley (14)
Littlefork (14)
Litchfield (14)
Luverne
" Blue Mound (28)
" McDowell Sky Ranch
Madison (11) (28)
Mankato (14)
Marshall (11)
Mayer
" Sells Fly. Fld. (14)
Minneapolis R (14)
" Cedar (14)
" Flying Cloud (14)
" Victory (14)
" Wold Chamberlain T
Montevideo (11) (14)
Monticello (14)
Morris (11)
New Brighton
" Univ. of Minn. (14)
Nisswa
" Heywood Gull Lake
New Ulm (14) (14)
Ortonville (11)
Osseo Landing Fld.(14)
Owatonna (14)
Park Rapids (11)
Pine River
" Sky Harbor Lodge(14)
Pipestone (28)
Princeton (14)
Red Wing (14)
Redwood Falls (11)
Robbinsdale (14)
Rochester R,T (29)
Roseau (11)
St. Cloud
" Whitney Mem'l.(14)
St. Paul (14)
St. Peter (14)
Sherburn (29)
S. St. Paul
" Fleming (14)
Stanton,Carleton (14)
Staples (14)
Taylor Falls (14)
Thief River Falls (11)
Tofte,Gervais (14)
Triumph,Tri-Mont (29)
Turtle River
" Bemidji-Port-O-Wilds (14)
Twin Valley Farm (11)
Virginia (14)
Wadena (11)
Waseca (14)
Westbrook (11)
White Bear Lake
" Northport (14)
Willmar R,A (11)
Winona (14)
Worthington (28)

MISSISSIPPI

Aberdeen,Stinson(115)
Batesville (89,115)
Beulah,Dassett (113)
Biloxi,Keesler R,T(129)
Boldwyn (91) (129)
Brookhaven,Ulmer(113)
Bucatunna,Dobson(129)
Calhoun City
" Johnstone's (115)
Canton, Lee (115)
Clarksdale (89)
" Fletcher (89)
Cleveland (113)
" Janes-Harden (113)
Columbia (129)
Columbus (115)
" Masonic (115)
" Parker & Dowdle(115)
Corinth (91)
Drew,Collier (113)
Elizabeth,Leland(113)
Ellisville (129)
Eupora (115)
Flora FM (115)
" Childress (113)
Florence FM(115)
Forest (115)
Glen Allan,Skinner(113)
Grace,Woodside (111)
Greenville,Mun. (113)
" Cypress (113)
" Dixie Dusting Co(113)
" Greenville AAF (113)
Greenwood R(115)
" Mun. (115)
" AAF (115)
Grenada (115)
Gulfport (129)
"Mun" (129)
Hattiesburg AAF (129)
"Glendale (129)
Heads, Cole. (113)
Houston (115)
Indianola (113)
Jackson R (115)
" Augustine (115)
" East Jackson (115)
" Hawkins T (113)
Jackson,Hinds Co. (113)
" No. Jackson (115)
" Rankin (115)
Kosciusko (115)
Laurel (129)
Leland
" Lakeview (113)
" Tate (113)
Louisville Air Svc.(115)
Lulu, Bass (89)
McComb (129)
McLaurin (129)
Marks (89)
Meridian R (115)
" Key (115)
" Lauderdale Civil (115)
Moorhead,Everett (113)
Natchez (113,129)
" Sharpe (113,129)
Nesbitt FM (89)
New Albany Fly.Svc(89)
Newton,O'Keefe (115)
Nitta Yuma
" Jim Davis (113)
Oxford (89,115)
Pascagoula
" Jackson Co. (131)
Pelatchee FM (115)
Pertshire (113)
Philadelphia,Friendly Flying Service (123)
Picayune (129)
Pickens, Presley's (115)
Pontotoc,Spook (89,115)
Rockport (115)
Scooba (115)
Shaw, Collier (113)
Starkville (115)
" Oktibbeha (115)
Stinson (115)
Tupelo
" Carrol Cone (115)
Tutwiler,L.B.Strange Flying Service (111)
Tylertown (129)
Vicksburg A,H (113)
Walls,Sanders (89)
Warrenton,Longview
West Point (115) (113)
Winona (115)
Yazoo City(113)
Yokena
" Le Tourneau (113)
Zeiglerville (115)

MISSOURI

Advance A,R (89)
Aurora (89)
Bernie, Ward (89)
Bethany,Fordyce (41)
Bolivar (89)
Boonville (41)
Bowling Green (41)
Branson (89)
Brookfield,Bailey's (41)
Butler (41)
Cabool (89)
Cameron (41)
Campbell,Ramsey (89)
Cape Girardeau
" Cape Commercial
" Harris (89) (89)
Carthage (89)
Cassville (89)
Charleston (89)
Chillicothe H,A (41)
Chillicothe,Bailey's(41)
Clinton (41)
Columbia R,A (41)
Craig (39)
Diamond (89)
Ellisville (39)
Excelsior Spgs FM (41)
Farmington (89)

Fayette Fly.Fld. (41)
Fenton,
" Sylvan Beach (39)
Festus,Lucas (39)
Fulton (41)
Gallatin,Daviess (41)
Garden City,Wright(41)
Gideon (89)
Grant City
" Edwards Arpk (41)
Gravois Mills
" Mel Adking Resort
Hannibal (41) (41)
Harrisonville (43)
Houston,King. (89)
Iberia, Eads (41)
Independence (43)
Jefferson City (41)
Joplin R, A (89)
Kansas C , T(41,43)
" Heart of America(43)
" Kansas City-Grandview (43)
" Ong (43)
Kennett (89)
" Sexton (89)
Kirksville A, R (41)
" Arpk (41)
Kirkwood,Weiss (39)
Knobnoster
" Sedalia (41)
Lebanon (89)
Lexington (41)
Linkville FM (41,43)
Luray (41)
McBride,Chester (89)

Malden AAF (89)
" Dexter (89)
" Gideon (89)
Marceline (41)
Marshall H, A (41)
" Nicholas (41)
Maryville (41)
Mexico,Green (41)
Moberly,Bradley (41)
Monett (89)
Neosho Com. (89)
" Mun. (89)
Neubeiser (39)
Nevada (89)
New Florence H,A (41)
Osborn (43)
Popular Bluffs,Earl(89)
Rolla (89)
St. Charles,Kratz (39)
" St. Charles (39)
St. Joseph R (41,43)
" Rosecrans T(41,43)
St. Louis R (39,41)

" Lambert-St. Louis
" Ross (39) T(39,41)
" Neubeiser (39)
" Starling (39)
St. Peters FM (39,41)
Sedalia (41)
" AAF (41)
Sikeston
" Harvey Parks (89)
Slater (41)
Spanish Lake H,FM (39,41)
Springfield A,R (89)
" McFarland Fly.Svc. (89)
" Rogers (89)
Tarkio H, A (37,39)
Trenton,Vaughn (41)
Unionville Awys (41)
Valley Park
" Meramec (39)
Versailles (41)
Vichy R, A (41)
Warrensburg (41)
West Plains
" Sky Haven (89)
Windsor,Huston (41)

MONTANA

Alberton FM (6)
Baker (10)
Belt FM (6)
Big Timber (7)
Billings R,T,LFM (7)
Birney
" Bones Bros.Ranch
Bozeman R (6) (7)
" Gallatin (6)
Butte A, R (6)
Cascade FM (6)
" Bob Gordon (6)
Chester (6)
Chinook (7)
Choteau (6)
Circle (7)
Columbus (7)
Conrad (6)
Custer R, A (7)
Cut Bank A, R (6)
Deer Lodge (6)
Dell Flight Strip (6)
Denton (7)
Dillon R, A (6)
Drummond R, A (6)
Ennis (6)
Eureka (3)
Flathead Nat'l Forrest
" Basin Creek (6)
" Big Prairie (6)
" Black Bear (6)
" Condon (6)
" Holbrook (6)
" Meadow Creek (6)
" Schaeffer (6)
" Spotted Bear (6)
Forsyth (7)
Fort Benton (6)
Fort Peck (7)
Gardiner (6)
Gates Park (6)
Geraldine,Tanner (6)
" Geraldine (6)
Geyser (6)
Glasgow,Valley Co.(7)
Glendive (10)
Great Falls R,T (6)
" AAF T (6)
Gregson
" Rainbow Skyport (6)
Hamilton (6)

NEW FACILITIES: International Falls,Minn.(14) Buffalo, Mo.(89) Cabool, Mo.(89)Downing (89) Joplin, Mo.,Harper (89) Seymour, Mo.,Owen (89) Van Buren, Mo.(89) Willow Springs, Mo.(89) Dixon, Mo.(89) Exeter, Mo.,Clover Hill (89) Fredericktown, Mo.(89) Gainesville, Mo.(89) Hayti, Mo.Quabbin, Mass H, FM (55)Grand Marais, Mich R (15)Bridger,Mont.(7) Pelkie,Mich.,Baraga (15) New Baltimore, Mich.,Anchor Bay (33) Armada,Mich(33) Bad Axe,Mich.(33) Chesaning,Mich.(33) Tremont,Mich.,City of Tremont (33) Flushing,Mich.,Dalton's (33)Hally,Mich.(33) East Tawas,Mich.,Iosco Co.(33) New Hudson,Mich.,Kanapee (33) Lowell, Mich.(33) Plainwell,Mich.,McKay (33) Albion,Mich.,Morgan's (33) Gobles,Mich.,Wesler (33) Brainerd,Minn., Pine Beach (14)Red Oak,Mich.,Lost Creek Sky Ranch (15) Topaz,Mich.,Big Bear (15) Tawas City,Mich (33)

Hardin
" Big Horn Co. (7)
" Zelka (7)
Harlem (7)
Harlowton (7)
Havre City-Co. (7)
Helena R, T (6)
Homestake LFM (6)
Hot Springs (6)
Huson,Six Mile (6)
Ingomar (7)
Jordan (7)
Kalispell (6)
" Flathead Co. **(6)**
Lavina (7)
Lewistown **A, R (7)**
Libby (3)
Livingston **A, R (6)**
" Int. (6)
Malta Arpk (7)
McDonald Pass **FM (6)**
Mildred (7)
Miles City A, **R (7)**
Missoula R (6)
" **Hale (6)**
" **Missoula Co. (6)**
Mobte (7)
Mullan Pass R (5)
Nibbe FM (7)
Park City FM (7)
Plains **(6)**
Plentywood **(10)**
Polesbridge
" Quarter Circle M.C.
Polson (6) Ranch (6)
Poplar (7)
Rapelje (7)
Red Lodge (7)
Roundup (7)
St. Xavier (7)
Scobey (7)
Seeley Lake (6)
Shelby,Toole Co. (6)
Sheridan (6)
Sidney (10)
Stanford FM (6)
Stevensville (6)
Superior R, A (6)
Tarkio,Etchart (7)
Thompson Falls (3)
Townsend (6)
Troy (6)
Twin Bridges (6)
Valier (6)
Vida, Vine (7)
West Yellowstone (6)
Whitehall R, A (6)
Whitetail FM (6)
White Sulphur Spgs (6)
Winston FM (6)
Wolf Point (7)
" Gustafson-Anderson (7)

[redacted]

Ainsworth (28)
Alliance AAF (27)
" Mun. (27)
Atkinson (28)
Auburn (39)
Bayard (35)
Beatrice (37)
Beaver City,Hewett's
Benkelman (37) (37)
Big Springs (35)
Blair (39)
Bradshaw (37)
Brainard (37)
Broken Bow (37)
Bruning (37)
" Hawks (37)
Chadron H,A (27)
Chappell (35)
Clay Center (37)
Columbus (37)
Cozed,100th Meridian
Crawford (27) (37)
Crete (37)
David City (37)
Decatur,Eagleton (39)
Elgin (37)
Fairbury (37)
Falls City (39)
Fort Robinson (27)
Franklin,Lakeside (37)
Fremont (37)
Geneva, Fairmont (37)
Gordon (27)
Gothenburg (37)
Grand Island R (37)
" Central (37)
Harvard (37)
Hastings (37)
" Sky Ranch (37)
Hayes Center R,A (37)
Hay Springs (27)
Hebron (37)
Holdrege (37)
" Mun. (new) (37)
Humboldt, Hew's (39)
Imperial (37)
Kearney (37)
" AAF H,T (37)
Lewellen, Patty's(35)
Lexington (37)
Lincoln A,R (37)
" Arrow (37)
" Union (37)
" Waverly (37)
Lisca (35)
Lorenzo (35)
McCook (37)
" AAF (37)
Mead FM (37,39)
Mitchell (35)
Nebraska City
" Grundman (39)
Norfolk (37)
North Platte R (37)

Oakland (37)
Offutt T (39)
Ogallala (35)
Ohiowa (37)
Omaha R, T(37,39)
" Clear Ridge (39)
" Offutt T (39)
O'Neill Mun. (28)
Ord (37)
Oshkosh (35)
Overton (37)
Pender (28)
Potter,Bar 'T' Lazy V(35)
" Idle Acres (35)
Ravenna (37)
Republican City (37)
Rushville,Modisett(27)
Schuyler (37)
Scottsbluff R,A (35)
Scribner (37)
Seneca (27)
Sidney H, A (35)
Sidney,
"Schwartz-Johnson(35)
Stratton, Hall (37)
Stuart, Skrdla (28)
Tecumseh (39)
Valentine (27)
Valley (39)
Wayne (28)
Weeping Water
" Steckley Co. (39)
West Point (37)
York (37)

NEVADA

Alamo,Pahranagat (79)
Austin (22,77)
Basalt (77)
Battle Mountain A,R(22)
" Flight Strip(22)
Boulder City (79)
Buffalo Valley (22)
Caliente (79)
Carlin FM (22)
Carson City (77,22)
Crystal FM (79)
Deeth FM (22)
Elko R (22)
" Keddie (22)
Ely, Yelland (23)
Fallon A,R (77,22)
" Lahontan (77,22)
Fernley (77,22)
" Lahontan (77,22)
Gabbs (77) (77)
Genoa,Tahoe Sky Harb.
Goodsprings FM (79)
Hawthorne (77)
Humboldt R,A (22)
Indian Springs (79)
Las Vegas T,R (79)
" Alamo (79)
" Ranch Club (79)
" Sky Haven (79)
" Vegas Sky Corral(79)
" Int. (22,77)
Manhattan (77)
Minden
" Douglas-Tahoe (77)
Mormon Mesa (79)

Owyhee (22)
Reno R A (77,22)
" Hubbard T (77,22)
San Jacinto (23)
Scottys (77)
Searchlight (79)
Smith,Smith Valley (77)
Sparks (22,77)
" Reno Sky Ranch(22,77)
Tonopah A, R (77)
" AAF (77)
" Bomb.&Gun.Rng(77)
Ventosa (23)
Wadsworth FM (22,77)
Wells (23)
Winnemucca (22)
" Int. (22)
Yerrington (22, 77)

NEW HAMPSHIRE

Berlin (18)
Boscawen FM (57)
Claremont (55)
Concord R, A (57)
" Merrimack Bay (57)
Conway, Valley (57)
Grenier R, T (57)
Haverhill,Dean Mem'l(18)
Hampton (57)
Hinsdale,Brattleboro—
Hinsdale Arpt. (55)
Hooksett Land & Seapl.
Keene (55) (57)
" Dillant-Hopkins (55)
Laconia (57)

Lebanon A, H (55)
Manchester,Grenier
R, T (57)
Nashua, Boire (57)
" Daniel Webster (57)
" Gate City Arpt (57)
Newport (55)
North Conway, White
Mountain (18)
Plymouth (57)
Portsmouth (57)
Sommersworth,Wayside
Twin Mtn.(18) (57)
Whitefield (18) (57)
Wolfeboro,Lakes Region

NEW JERSEY

Adamston,Ocean Co.(71)
Almonesson (69)
Andover,Trinca (71)
Asbury Park FM,A(71)
Ashland, Echelon (69)
Atlantic City (71)
" NAS T (71)
Auburn, Woodstown (67)
Barrington,Merrill(69)
Basking Ridge Sommer-
set Hills (71)
Belmar,Monmouth Co.
(71)
Belvidere,Martins
Creek (53)
Bendix,Teterboro T(71)
Blairstown,Lake Sus-
quehanna (53,71)
Blockwood (69)
Boonton,Acft Rdo Corp.
Bridgeport (69) (71)
Bridgeton,Buck's (67)
Burlington (69,71)
Caldwell-Wright T (71)
Camden,Central (69)
Cape May (71)
" Courthouse Smith(71)
Cassville LFM (71)
Chatsworth,Coyle (71)
Clarksville,Nassau (71)
Clinton,NW Jersey (71)
East Hanover (71)
Elizabeth LFM (71)
Florence, Worth(69,71)
Forked River A,FM (71)
Fort Dix (71)
Freehold FM (71)
Glassboro,Triangle (69)
Greenwich (67)
Hackettstown (71)
Hightstown (71)
Lakehurst R,T (71)
Lakewood (71)
Landisville,Downstown
Lebanon FM (71) (71)
Lincoln Park (71)
Marlton-Medford (69)
Matawan R (71)
Metuchen FM (71)
Millville A, R. (67)
Moorestown (69)
Morristown (71)
Mt. Holly (69,71)
Newark R, T (71)
New Brunswick, Hadley
(71)
North Brunswick (71)
Ocean City,Clarke (71)
Paterson,Murchio (71)
Pennington (71)
Penns Grove (67)
Pitman (69)
Pittstown,Alexandria
Princeton (71) (67)
Rahway,Westfield (71)
Readington,Solberg-
Hunterdon (71)
Red Bank (71)
Richland,Cavolios (71)
Salem (67)
Sommerville,Somerset
Sussex (55) (71)
Toms River (67)
Trenton (71)
" Mercer Co.(69,71)
" Trenton (new)(69,71)
Vineland,Kroelinger(67)
Wildwood (71)
Woodbury (69)
Woodbine (71)
Woodbridge,Shinn-
Woodbridge (71)
Wrightstown,Ft.Dix(71)

NEW MEXICO

Acomita A, R (81)
Alamogordo A,R (105)
" AAF (105)
Albuquerque A, R (83)
" Alameda (83)
" Cutter-Carr #2 (83)
" Graham Bell (83)
" Kirtland T (83)
" Sky Court (83)
" West Mesa (83)
Anton Chico (83)
Artesia (105)
Aztec (81)
Belen (83)
" Art Goebel (83)
Berino,Valley (105)
Carlsbad A,R (105,121)
" Mun. (105,121)
" Carlsbad #1 (105,121)
" John J. Small (105,121)
" Tracy (105,121)
Carrizozo (105)
Clayton (83)
Clovis R,A,H. (83)
" AAF T (83)
" Hillcrest (83)
Columbus R,A (105)
Cubero (81)
Cuervo (83)
" Holbrook's (83)
Deming Arpk (105)
" AAF (105)
" Center (105)
" Skytel (105)
Des Moines,Wetherly(83)
Dora (107)
Eagle Nest (83)
El Morro R, A (81)
Engle R, A (105)
Farmington (81)
Ft. Sumner (83)
" #5 (83)
Gallup (81)
" Gallup City (81)
Hachita (105)
Harrington Ranch FM
(105)
Hobbs R, A (107,121)
" AAF T (107,121)
" Me-Tex (107,121)
Hot Springs (105)
Hurley (105)
Jal,Continental(107,121)
Juan Tomas FM (83)
Las Cruces (105)
" Mun. (105)
" Int. (105)
Las Vegas A, R (83)
Lordsburg (103,105)
Lovington (107)
Magdalena (105)
Maxwell A, FM (83)
Mesilla Park,State
College (105)
Milnesand,Fly 'M' (107)
Mountainair (83)
Mt. Riley (105)
Otto R, A (83)
Peralta FM (83)
Portales (107)
Raton,Crews ((83)
" Eagle Tail (83)
Rodeo R,A, (103,105)
Roswell (105)
" Com. (105)
" B & B (105)
" AAF R, T (105)
" AAF #3 (105)
Roy (83)
Ruidoso,Parker (105)
" Flying Svc. (105)
Santa Fe (new)H,A(83)
" (old) (83)
Shiprock,Indian Svc (81)
Silver City (105)
" Whitehill(105)
Socorro (105)
Springer (83)
Strauss,Jundt (105)
Taos (83)
Tucumcari A, R (83)
Tularosa (105)
Wagon Mound (83)

NEW YORK

Accord (55)
" Cliff Haven (55)
Albany A, R (55)
Albion (51)
Amityville,Zahns (71)
Angola A, FM (51)
Amsterdam (55)
Angelica (53)
Arcade (51)
Armonk,Westchester
Auburn (53) (55)
Auriesville FM (55)
Ballston Spa (55)
Barker Trade Sch. (55)
Batavia (51)
Bayport,Davis (71)
Bedford,White (55)
Beekman,Lime Ridge
(55)
Bethpage,Grumman T(71)
Billings,Freedom
Plains (55)
Binghamton (53)
Blasdell-Hayes (51)
Boonville (53)
Brentwood,Bender (71)
Brocton-Becker (51)
Buffalo R,T (51)
Burt,Lakeview (51)
Canastota (53)
Carlisle,Briggs (55)
Carthage (53)
Catskill Valley (55)
Cheektowoga FM (51)
Cicero (53)
Clarence,Co.Club (51)
Clayton,Sunnybrook (18)
Colonie FM (55)
Commack,Carll Skyport
Cooperstown (55) (71)
Corinth (55)
Cortland (53)
Dansville A, H (53)
Deer Park (71)
Delanson,Sky Haven (55)
Depew,Transit (51)
Dunkirk A, H (51)
" Werle (51)
E.Amherst,Steffen(51)
E. Greenbush (55)
E.Hampton (55)
E.Pembroke FM (51)
" Pembroke (51)
Edgemere,Rockaway
Elizabeth (55) (71)
Elmira R (53)
" Chemung Co. (53)
" Pine City (53)
Endicott,Tri-Cities T
Falconer (51) (53)
Farmingdale,Republic
T (71)
Fisher's Isl,Elizabeth
(55)
Flatbush H,FM (71)
Flushing (71)
Floyd Bennett R,T, H
(71)
Fort Plain,Stone Arabia
" Int. (55) (55)
Fredonia (51)
Fulton (53)
" Arpk (53)
Gardenville,Buffalo(51)
Geneva,Mason (53)
Getzville,Audubon(51)
Glens Falls H,A (55)
" Warren Co. (55)
Gloversville,Glove City
" Steenburg (55) (55)
Gowanda (51)
Greenridge,Hughes (71)
Halcott Ctr,Halcott (55)
Hamburg Arpk (51)
" Erie Co. (51)
Hamilton,Colgate U.(53)
Hammondsport,Bath-
Hammondsport (53)
" Mercury (53)
Hancock (53)
Hempstead,Mitchel R,
T (71)
" Nassau (71)
Herkimer,Hayduk (55)
Hicksville Arpk (71)
" Avia .Co.Club (71)
Hilton (53)
Honeoye Falls (53)
Hornell (53)
Horseheads,Eagle (53)
Hudson Falls (55)
Idlewild R (71)
Islip,MacArthur T (71)
Ithaca (53)
" Cayuga (53)
Jamestown (51)
Johnstown,Vaughan (55)
" Fulco (55)
Keene,Marcy (18)
Keeseville (18)
Kingston (55)
" Kingston-Ulster (55)
Kirksville (53)
Lake Placid (18)
Lake View (51)
Lancaster,Scott (51)
Livingston Manor (55)
Lockport,Graf (51)
" Lee (51)
Mahopac (55)
Malone-Dufort (18)
Margaretville-Fleisch-
man (55)
Massapequa
" Fitzmaurice (71)
Massena A, R (18)
" Stewart (18)
Mastic (71)
Mattituck (55)
Medina (51)

Mexico,Ladd's (53)
Middleburg,Valley(55)
Middletown,Randall's
" Starhaven (55) (55)
Millerton (55)
Mineola,Roosevelt (71)
Minoa (53)
Mitchel R, T (71)
Montgomery (55)
" U.S.Mil.Acad.#1 (55)
Monticello-Sullivan Co.
(55)
Montour Falls,Martin
Moravia (53) (53)
Narrowsburg (53)

New Baltimore,Farly's
(55)
Newburgh,Stewart R,T
(55)
" Stanton's-Newburgh
Cub Port (55)
New City,Christie (55)
" Rockland (55)
New Hackensack A,R (55
New Paltz (55)
New Rochelle H,FM
(71)
New Springville,Staten
Island (71)
New York NAS,Floyd
Bennett R,T (71)
" La Guardia R,T (71)
Niagara Falls T (51)
North Tonawanda,Co.
Line (51)
" Shawnee Fly.Svc.(51)
Northville,Sacandaga
Park (55)
" Plateau (55) (53)
Norwich,Warren Eaton
Norwood,Reagan (18)
Nyack,Miller (55)
Ogdensburg (18)
Olcott, Palmer (51)
Olean (51)
Oneonta,Keyes (53)
Orchard Park (55)
Owasco,Bonnie Brae
(53)
Painted Post (53)
" Costa's (53)
Peekskill,Croton (55)
Penn Yan (53)
Perry Central (51)
" Fly. Svc (51)
Piseco (55)
Pittsford,Brizee (53)
Plattsburg,mun. (18)
Port Chester FM (71)
Port Jervis,Huguenot
(55)
Potsdam,Damon (18)
Poughkeepsie,
" Arlington (55)
Pulaski,Ross (53)
Ravena (55)
Red Creek (53)
Rexford,Long Meadow
(55)
Rhinebeck,Cozine(55)
Richland (53)
Richmondville
" Schoharie (55)
Ripley (51)
Rochester R,T (53)
" Comm. (53)
" Meacham-Genessee
" Hylan (53) (53)
" Ridgeway (53)
Rockaway Park LFM
Rome T (53) (71)
Rushville (53)
Salamanca (51)
Saranac Lake (18)
Saratoga Spgs FM (55)
Sayville (71)
Schenectady Co. (55)
" Intercity (55)
Schuylerville (55)
Scottsville (53)
Selkirk (55)
Seneca Falls (53)
Sidney (53)

Silver Creek (51)
Silver Springs (51)
Somers (55)
Springville (51)
Spring Valley (55)
Stewart R,T (55)
Stormville (55)
Syracuse A,R (53)
" Mun T. (53)
Ticonderoga (55)
Tonawanda (51)
Travis,Richmond Co.
Troy (55) (71)
Tupper Lake (18)
Utica A,R (53)
" Smithport (53)
Valley Stream,
Columbia (71)
Walden,Newburgh-
Walden (55)
Wallkill,U.S.Mil.Acad.
#2 (55)
Wappingers Falls **(55)**
Warwick-Wickham **(55)**
Watertown R (53)
" Bradley (18)
Wellsv'l,Crowner(53)
Westfield (51)
Westhampton Beach
" Suffolk Co. (55)
Westport (18)
White Plains,
" Westchester **Co. T (55)**
Whitesville,
Community (53)
Williamsville,Sheridan
(51)
Wilson Flying **Fld (51)**
Wingdale (55)
Wollcottsville **FM (51)**
Wurtsboro (55)

NORTH CAROLINA

Aberdeen (95)

Asheboro (95)
Asheville-Henderson-
ville (93)
" Josephson (93)
" Owens (93)
Atlantic (97)
Aydelette FM **(97)**
Barco (97)
Beaufort-Morehead
City **(97)**
Balloon #1 (95)
Belmont (95)
Black Mountain **(93)**
Bogue (97)
Brevard,H & **H (93)**
Burgaw (97)
Burlington (95)
" Fairchild (95)
Camp LeJeune T (97)
Camp MacKall (95)
Candor (95)
Carolina Beach(97,119)
Chadbourn Duke (95)
Chapel Hill,Wms. (95)
" Hogan (95)
Charlotte R (95)
" Cannon (95)
" Delta (95)
" Douglas T (95)
" Plaza (95)
Cherry Point R (97)
" MCAS T (97)
Clinton (97)
Concord (95)
" Coley (95)
Derita,Brockenbrough
(93,95)
Draper,Tri-City (95)
Durham (95)
" Pharis (95)
Eagle Spgs,Parkers(95)
Edenton FM, A (97)
Elizabeth City T (97)
" Woodville (97)
Elkin (95,93)
Enfield (97)
Erwin (95)
Fayetteville (95)
Ft.Bragg,Balloon (95)
" Pope R,T (95)
Franklin (93)
Gastonia,Mun.(95,93)

NEW FACILITIES: Ainsworth, Neb.,Mun.(28) Trenton, Neb. (37) Prattsville, N.Y.(55) Jonesville,N.Y.,Jewett (55) Errol, N.H. (18) Littleton,N.H.(18)

MAY 27, 1947

Gastonia,Spindle City (93,95)
Gibsonville, McLean Bros. (95)
Goldsboro, Seymour-Johnson (97)
Greensboro R (95)
" High Point T (95)
" Routh (95)
Greenville (97)
Henderson (97)
Hendersonville (93)
Hickory (95,93)
High Point,Fraley(95)
Hoffman, Camp McNair AAF (95)
Jacksonville (97)
Julian,Gilmore #1 (95)
Kannapolis (95)
" Carolina Arpk (95)
Kings Mtn (95,93)
" Bridges(95,93)
Kinston (97)
" Piney Grove (97)
" Smith (97)
Laurinburg, Pine Acres (95)
Lexington (95)
Lillington (95)
Lincolnton (95,93)
" Burris (93,95)
Louisburg,Franklin(97)
Lumberton H (95)
Manteo **FM (97)**
" Roanoke Isl. (97)
Marion, Francis Marion (93)
Maxton, Laurinburg-Maxton (95)
Mayodan,Mayo (95)
Micaville (93)
Mocksville (95)
Monroe (95)
" Mun. (95)
Mooresville,Harris (95)
Morganton
" Lenoir (93)
Morehead (97)
Mt. Airy (95)
" Colonial (95)
Mt. Olive (97)
New Bern FM (97)
" Simmons-Knott(97)
New River, Camp Le Jeune T (97)
Newton,Conover (95)
North Wilkesboro (95
Oak Grove T (97) 93)
Oxford,Young (95)
Pinehurst,Knollwood(95)
Plymouth (97)
Polloksville,Oak Grove
Pope R,T (95) T (97)
Raeford,Upchurch (95)
Raleigh A,R, (95)
" C.A.P. (95)
" Raleigh-Durham T
Red Spgs,Brooks(95) (95)
Reidsville (95)
[redacted]
" Warf (95)
Rockingham-Hamlet(95)
Rocky Mount (97)
" Avalon (97)
Roxboro (95)
Salisbury (95)

Sanford Lee Co.(95)
Selma (97)
Seymour-Johnson(97)
Shelby, Bridges (93)
" Byers (93)
Silver City,Gilmore(95)
Southern Pines,
" Skyline (95)
South Mills FM (97)
Spindale,Rutherford (93)
Statesville (95,93)
Sylva (93)
Tarboro (97)
Thomasville (95)
" Pauls Arpk (95)
Wadesboro (95)
" W & L Awys (95)
Wallace (97)
Warrenton (97)
Washington,Warren(97)
Weeksville R,T (97)
West Jefferson (93)
White Lake,Beach(97)
Whiteville **(95)**
Wilmington Arpk(97,119)
" Bluethenthal(97,119)
" Peiffer(97,119)
Wilson (97)
Windsor,Spivey (97)
Wingate,McLeod (95)
Winston-Salem R (95)
" Smith Reynolds T(95)
Yanceyville,Caswell(95)
Zebulon (97)
[redacted]
Abercrombie (11)
Ashley H,A (11)
Beach (10)
Bismarck A,R (10)
Bottineau (10)
Bowman (10)
Cando (11)
Carrington,Matheny(11)
Crosby (10)
Dawson (11)
Devils Lake (11)
" Bell (11)
Dickinson A,R (10)
" Worth (10)
Driscoll FM (10)
Fargo R (11)
" Hector T (11)
Fessenden,Mohr(11)
Glen Ullin (10)
Golva (10)
Grand Forks A,R(11)
Harvey (11)
Hettinger (10)
Jamestown A,R (11)
Judson FM (10)
Killdeer,Ilo (10)
Langdon (11)
Lisbon (11)
Maddock (11)
Minot R (10)
" Port O'Minot (10)
Mohall (10)
Mott,Wyman (10)
New England (10)
New Rockford (11)
Parshall (10)
" Miller (10)
Pembina R,A (11)
Portal (10)
Rhame (10)

Rolla (11)
Rugby (10)
Towner (10)
Valley City (11)
Wahpeton, School of Science (11)
Washburn (10)
Watford City (10)
West Fargo LFM (11)
Wheatland FM (11)
Williston (10)
" Chandler (10)
" Wright (10)
Wyndmere,Homestead (11)
[redacted]
Akron **A,R (49)**
" Akron-Canton (49)
Alliance,Taylorcraft(49)
Amanda,Wolfords(63)
Archbold A,H (47)
Ashland (49)
Ashtabula (51)
Athens,Ohio Univ(63,61)
Avon Lake LFM(49,141)
Barberton,Ling (49)
Bedford (141)
" Ward (141)
Bethel (61)
Bowling Green FM(49,47)
" Bricker (49,47)
Brecksville FM(49,141)
Brookfield (51)
Bryan,Stombaugh(47)
Bucyrus,Port Bucyrus
Cambridge (63) (49)
Canton
" Akron-Canton (49)
" Martin (49)
" McKinley (49)
Chagrin Falls (141)
Chardon (141)
Cherry Fork (63,61)
Chesapeake,Huntington (63)
Chillicothe,Jones(63,61)
" Scioto Trail (63,61)
" Skypark (63,61)
Cincinnati R (61)
" Campbell (61)
" Cheviot (61)
" Lakewood (61)
" Lunken T (61)
" Mt. Healthy (61)
" Parks Watson(61,141)
Cleveland R,,T (141,49)
" Brooklyn (141)
Clinton Co. T,R, H (63,47)
Coldwater (47) 47,61)
Columbus R (63)
" Clickenger (63)
" Lockbourne T (63)
" Norton (63)
" Ohio State Univ.(63)
" Port Columbus T(63)
" Price (63)
" Sullivant Ave. (63)
Conneaut,Lakeville (51)
Crooksville (63)
Dayton T,R (47)
" Dahio (47)
" South Dayton (47,61)
" Wright T (47)
Defiance,Bryan-Defiance Memorial(47)

E.Liverpool,Swaney(51)
Elyria A, H,FM(141)
Fairfield R,FM(47) 49)
" Patterson T (47)
Findlay A,H (49,47)
Fostoria,Snyder (49,47)
Fremont,Slager (49,47)
Galion (49)
Gallipolis,Twin **Cities** (63,61)

Greenville,Lansdowne
" Treaty City(47) (47)
Grove City (63)
Hamilton (61,47)
Harrison (61,59)
Hayesville H,A (49)
Hicksville,Skinner(47)
Hilliard **FM (63)**
Hillsboro **(61)**
Hooker,Port **Lancaster** (63)
Hudson,Mid City (141)
Jackson,Shumate (63,61)
Kellys Isl.,Fenwick(49)
Kent, Kent State (49)
Kenton,Cedar Lawn(63,47)
Lancaster (63,61)

LeRoy,Westfield (49)
Lewisburg,Midway(47)
Lewistown,Voss (63,47)
Lima (47)
Lockbourne T (63)
Lodi (49)
Lorain City (141)
" Skyport (141)
Loveland FM (61)
Magnolia (63)
Mansfield (49)
" Gage (49)
Marietta (63,61)
Marion (63,47)
Mason,Attaway (61)
Massillon,Noble (49)
Medina,Prichard(49)
Middletown (61,47)
Minford,Knore(63,61)
Montezuma,Lakeview(47)
Morrow,Happy Landings
Mt.Liberty FM(63) (61)
Mt.Orab FM (63,61)
Mt. Vernon,Wynkoop(63)
Nevada,Coons (49,47)
Newark A,FM (63)
New Holland,Tri-Co.(63)
New Parris
" New Westville (47)
New Philadelphia (63)
North Benton,Miller(49)
Northfield,Sky Haven(141)
North Hamilton(61)
North Royalton LFM(49)
Norwalk (49) 141)
" Arpk (49)
" Parks Arpk (49)
Oxford,Miami Univ.(59,61,
Patterson R,T (47) 47)
Paulding Co. (47)
Perry H,A (49)
Piqua (47)
Port Clinton,Peninsula (49)
Portsmouth, Raven Rock (63,61)

Put-In-Bay (49)
Reynoldsburg,Snook(63)
Rushylvania,Port Core (47)
Sandusky, **Hinde (49)**
Sharonville, **Cincinnati (61)**

Sidney (47)
Solon (141)
Springfield **(63,47)**
" Crabill **(63,47)**
Summit **Stn LFM (63)**
Tiffin (47,49)
Tiltonsville, Scott(63)
Toledo R,T (49,47)
" **Franklin** (49,47)
" **Nat'l Aviation** (49,47)
Toronto (63)
Troy,Waco-Troy (47)
Urbana, Grimes(63,47)
Van Wert (47)
Vermilion FM,A (141)
Verona FM (47)
Wakeman, Ortner(141)
Wapakoneta
" **Port Koneta (47)**
Warren, Hall (51)
" **Airways (51)**
" **Port Warren (51)**
" **Tyndall** (51)
Washington Court (47,61
House,Wash.Arpk(63)
Watertown,Reed's(63,61)
Wauseon,Grieser (47)
Wellington (141)
Willard (49)
Williamsfield, Sky Harbor (51)
Willoughby (141)
" Chagrin Harbor(141)
" Euclid Avenue (141)
" Lost Nation (141)
Wilmington (63)
" Clinton Co.T,FMH (63)
Woodsfield (63)
Wooster (49)
Youngstown R,T (51)
" Bernard (51)
" Bird (51)
" Watson (51)
Wright T (47)
Zaleski State For.Svc. (61)
Zanesville A,H (63)
" Briggs (63)
" Commerce (63)
" Riverside (63)

OKLAHOMA

Ada (85)
" Community (85)
" Walker (85)
Afton, Monkey Is.(89)
Altus (85)
" Mun. (85)
" Olustee (85)
" Walker (85)
Alva (85)
Anadarko (85)
Antlers (85)
Anthony A,H (85)
Ardmore A, H (85)
" Int. (85)
Arnett (81)

Atoka (85)
Bartlesville **(85)**
" **Phillips T (85)**
Beaver (85)
Blackwell (85)
" Marks (85)
Boise **City** (83)
" **Comm** #2 (83)
Bristow (85)
Buffalo (85)
Calumet, **Bomhoff**(87)
Carnegie,Dukes (85)
Cherokee,Jim.Ray(85)
Chickasha (87)
" **Mariash** (87)
Claremore,Rogers
Clinton **(85)** **(85)**
" **Victory (85)**
Cordell **(85)**
Cushing **(85)**
Davies - **Jolly Aero(85)**
Delhi **(85)**
Dill **(85)**
Duncan,Halliburton(85)
Durant,Comm. (109)
" **Baker** (109)
Edmond,Central **(87)**
Elk City, Bennett **(85)**
El Reno (87)
" Mustang (87)
Enid , AAF (85)
" North (85)
" Woodring (85)
Erick, Haddock (85)
Ft. Cobb, Caddo (85)
Ft. Sill, Post T (85)
Frederick (85)
Gage A, R (85)
Geary (85)
Grandfield (85)
" #3 (85)
Great Salt Plains (85)
Guthrie (87)
Guymon (new)(83)
" (old) (83)
Hartshorne (85)
Healdton, Davis (85)
Heavener (89)
Henryetta, Hawk's(85)
Hinton, Kingfish(85)
Hobart (85)
" Hunters (85)
Holdenville (85)
Hooker, Gustin (83)
Hugo,Weddington (109)
Idabel (109)
Jefferson, Kittenbrink (85)
Jet, Great Salt Plains (85)
Kingfisher (87)
Lamont,White Bros(85)
Langston,Univ. (87)
Lawton (85)
" Cameron College(85)
Lexington,Purcell (87)
Lone Wolf,Hohmann(85)
McAlester (85)
Mangum,Ponder (85)
Marietta FM(109)
Marlow (87)
Miami (89)
Moore, Wheatley (87)
Moseley, Univ. (89)
Muskogee (85)
" Hatbox-Muskogee(85)
Mustang FM (85,87)
Newall FM (85,87)
Newkirk,Skypark **(87)**
Norman,Westheimer **(87)**
Nowata **(85)**
Okemah **(85)**
Oklahoma City **R**,LFM, (A)(85,87)
" **Garthoeffner** (87)
" **Nuckols (87)**
" **Tinker R,T (87,85)**
" **Tulakes (87)**
" **Wiley Post (87)**
" **Will Rogers T (87,85)**
Okmulgee **(85)**
" **Com. (85)**
Pauls **Valley (87)**
Pawhuska **(85)**
Perry (85)
Picher,Jameson **(89)**
Ponca City,A,H **(85)**
Post **T** (85)
Poteau **(89)**
Pryor, **Long (85)**
Red **Fork FM (85)**
Roosevelt **R (85)**
Sapulpa **(85)**
Sayre **(85)**
Seiling
" - Cook's **(85)**
Seminole **(85)**
Sentinel, **Mem'l (85)**
Shawnee **Mun. (85)**
Skiatook **FM (85)**
South **Coffeyville**
" Jensen **(85)**
Stillwater **#1 (85)**
" #2 (85)
Stilwell (89)
Stroud (85)
Sulphur (85)

Tahlequah (89)
Thomas, Kell-Air(85)
Tinker R,T (85,87)
Tishomingo (85)
Tonkawa (85)
Tulsa R,T (85)
" **Brown** (85)
" **Commercial (85)**
" **Harvey Young (85)**
" **North (85)**
Verdigris **River** FM(85)
Vici (85)
Vinita, **Fallin (85)**
" **Topper (85)**
Walters (85)
Washington **FM (87,85)**
Watonga **(85)**
Waynoka
" - **Kelsey (85)**
Weatherford **(85)**
Wetumka, **Boren (85)**
Wewoka, com. **(85)**
" mun. (85)
Woodward (85)
" mun. (85)
Yukon, Cimmaron (87)
" Lake View (87)

OREGON

Albany (2)
Alkali Lake (22)
Arlington (2)

Aurora (143)
Baker A,R (3)
Bay Ocean FM (2)
Beaver Marsh (19)
Beaverton, Bernard
Bend (2) **(143)**

Boardman (3)
Brooks, Sky Acres (2)
Burns (22)
" **Roe Davis (22)**
Cabbage Hill FM (3)
Canby (143)
Cave Junction
" **Illinois Valley (19)**
Corvallis **(2)**
Corvallis Jct. (2)
Cottage Grove A,FM(19)
Cow Creek (19)
Creswell, B &H(19)
Dallas (2)
Denmark,Curry Co. (19)
Eagle Pt.,Blue Star(19)
Enterprise (3)
Eugene R,A (2)
" **Mahlon Sweet** (2)
" **Willamette** (2)
Grants Pass (19)
Gresham,R.O.K.(143)
Harrisburg (2)
Hermiston (3)
Hillsboro (143)
Hood River (2)
Idanha,Santiam Jct. **(2)**
Joseph (3)
Klamath Falls **A**,R **(19)**
La Grande A,H,FM **(3)**
Lakeside (19)
Lakeview (19)
Lebanon (2)
Lexington (3)
McNary (2)
Madras (2)
McMinnville **(2)**
Medford **R,A (19)**
" AAF **T (19)**
" **Piercy (19)**
Milton, **Oregon Sky Ranch (3)**
Milwaukee,Wells **(143)**
Monmouth, **Adams** (2)
Mulino,Green Acres(143)
Myrtle **Creek** (19)
Newburg,Sportsman(143)
Newport (2)
North Bend **(19)**
Ontario **H (3)**
Oregon **City, Sky Park** (143)
Pendleton **R, T** (3)
" **Airways** Inc. (3)
Portland R,T-(143) (143,2)
" Dwyer (143)
" Birdsdale (143)
" Troh's Skyport (143)
Prineville (2)
Redmond R (2)
" Roberts (2)
Riddle, Tri-City (19)
Rome (22)
Roseburg (19)
Scappoose, Columbia Co. (143)
Seaside (2)
Silverton, Adams (2)
Astoria,Clatsop Co.R(2) Sutherlin,Sky Ranch(19))

Sweet Home,Langmack (2)
The Dalles A,R (2)
Tillamook R, T (2)
" **Coastway Sch. (2)**
Trail FM (19)
Troutdale (143)
Vale (22)
Vernonia (2)
Wasco (2)
Willamette FM (2,143)
Woodburn,Barrett-
Worden Schuler(143)
" **Tulana (19)**
[redacted]
Allentown R (53,67)
" **Bethlehem** (53,67)
" **Convair** (67)
Altoona R (65)
"Stultz (65)
Ambler, Wings **T** (69)
Andreas, E.Penn (53)
Annville, Millard (67)
Athens,Chemung Val'y
Beaver Falls (53)
" **Patterson** Heights (51)
Beaver Meadows
" - **Green Acres (53)**
Bedford (79)
Bellefonte (53)
Berwick (57)
Bethel, Grimes (67)
Bloomsburg (53)
Boothwyn FM (67)
Bradford,Harri-Emery (51)
" **McKean Co. (51)**
Bristol, Kaiser (69)
Brockway (51)
Brookville H,A (51)
Buckstown (65)
Butler-Alameda (51)
" **Pittsburgh-**Butler(51)
Canadensis,Barrett(53)
Campbelltown
" - Reigel (67)
Carlisle FM,A (67)
" Centerville (67)
Cecil H,FM (65)
Chambersburg (67)
" Sunset Airways (67)
Charleroi, Star Val'y (65)
Chester, Benedict (69)
" Buckman (69)
Clarion,Parker Cramer
Clearfield (51) (51)
Coatesville (67)
Collegeville
" Perkiomen (69)
Conneaut Lake (51)
Connellsville (65)
Conway (51)
Corry,Port Lawrence
Cresson (65) (51)
Daleville (53)
Danville (53)
[redacted]
Doylestown (69)
Dubois (51)
Duncansville, Altoona
Easton (53) (65)
" Bethlehem-Easton (67)

Ebensburg,Keystone(65)
Elysburg,Shamokin(53)
Emmaus (67)
Erie R (51)
Erie County (51)
" **Port** Erie (51)
Fogelsville (67)
Galeton,Cherry Springs (53)
Gettysburg (67)
" Doersom (67)
Gordon (53)
Granville, Cargill (67)
Greater **Pittsburgh T**
Greensburg (65)
" **Pittsb.**-Greensb(65)
Greenville **(51)**
Grove City (51)
Hanover, Devener (67)
Harrisburg R (67)
" **State T (67)**
" **Penn-Harris (67)**
Harrison City (65)
Hazleton
" Reifenberg **(53)**
Hershey (67)
Homesburg **LFM (69)**
Hookstown FM **(65)**
Huntingdon (65)
Indiana,Hamilton (65)
Jersey **Shore** (53)
Johnstown (65)
Johnsville T (69)
Kearsage,Erie City(51)
Kutztown (67)
Kylertown (51)
Lake Carey FM **(53)**
Lancaster (67)
" mun. (67)
Langhorne,Old **Star(69)**
Lansdale (69)
" Turner (69)
Latrobe (65)
Leechburg (65)
Lehighton (53)
Lewistown (67)
Linesville
" **Merry's Pym**tuning
Lock Haven (51)
" **Cub H**aven (53)
Marchand,Braebreeze
Mars,Perry (51) (51)
Martinsburg,Blair (65)
Matamoras (55)
Meadville
" Penn-Mead (51)
" **Port** Meadville **(51)**
Mercer (51)
Middletown **FM (67)**
" Olmsted **T (67)**
Millbrook R **(51)**
Milton (53)
Mohrsville,Estler **(67)**
Montgomeryville
" Gloster (69)
Morrisville (69)
" Skyhaven (71)
Mt. Jewett (51)
Mt. Pleasant (65)
Mt. Pocono (53)
Mt. Union (67)
Muncy,Skyview Acres
Mustin T (65) (53)
Myerstown, Lebanon Co. (67)

NEW FACILITIES: Maiden,N.C.,Grigg & Bynum (93) Gold Beach, Oreg.,Leith's (19) Spindale,N.C.,McDonald (93) Stanfield,N.C. (95) Malvern,Pa.,Paoli-Malvern (67) Williston,N.D.,(10) Division Street, Oreg.(42) Fairview, Oreg.,Skylife (42) Lebanon,Ohio,Hightman (61,47)

New Alexandria A,FM
New Castle (51) (65)
New Hanover (67)
" Layfield (67)
New Kingston,Taylor (67)
North Springfld FM(51)
Nicholson,Mt.View(53)
Norristown,Patco(69)
" Valley Forge (69)
North Springfld FM(51)
Olmsted T (67)
Olyphant,Mid Valley(53)
Osceola Mills (55)
Paoli,Phila.Main Line (67)
Philadelphia, Budd (69)
" Boulevard (69)
" Buehl (69)
" NAAS, Mustin T (69)
" NE Phila. R,T (69)
" SW " R, T (69)
" Somerton (69)
Philipsburg R,A (51)
Phoenixville (67)
Pine Grove,Swatara Valley (67)
Pitcairn,Pitt-Wilkins (65)
Pittsburgh R (65)
" Allegheny T (65)
" Bettis (65)
" Greater Pittsb.T(65)
" Mayer (65)
Pottstown (67)
Pottsville Schuylkill (67)
" Stowe-Pottstown(67)
Punxsutawney (51)
Quakertown,Grants (69)
" Arpt. (69)
Reading (67)
" Berks (67)
" Madeira (67)
Reedsville,Mifflin Co. (53)
Ridgway, Green (51)
St. Marys (51)
Sally (65)
Sayre, Valley (53)
Scranton (53)
Selinsgrove (53)
Seven Valleys FM (67)
Slatington FM (53)
Somerset (65)
State College,Air Depot (53)
Stroudsburg (53)
" East Stroudsburg
Summerhill FM (65)
Sunbury A,R,H (53)
Tamaqua (53)
Tarentum,Allegheny Valley (65)
Titusville (51)
Towanda (53) (53)
Tunkhannock,Skyhaven
Tyrone Speedway (65)
Utahville (51)
Vandergrift (65)
Wallaceton,Albert(51)
Warren (51)
Waynesburg,Greene
Waynesboro(67) (65)
Wellsboro,Grand Canyon (53)
West Chester (67)
Wilkes-Barre
" -Scranton A,R (53)
" -Wyoming Valley(53)
Williamsport A,R (53)
Willow Grove R,T (69)
Womelsdorf (67)
York (67)
" Valley (67)
Youngsville,Broken-straw (51)

RHODE ISLAND

Charlestown T (57)
Greene,Riconn(57)
Newport (57)
Providence R (57)
" Green T (57)
" Mineral Spgs.(57)
Quonset Point R,T(57)
Smithfield (57)
Westerly (57)
Woonsocket (57)

SOUTH CAROLINA

Aiken AAF (119)
" Mun. (119)
Allendale,Manning(119)
Anderson A,H (93)
Bamberg,Carlisle(119)
Barnwell(119)
Batesburg,Bradley(119)
Beaufort (119)
" Rowe (95)
Calhoun Falls,Bentley (93,119) (95,119)
Camden,Woodward
Charleston R,T (119)
" Carolina Skyways(119)
" Clark (119)
" John's Isl. (119)
" Truluck (119)
Cheraw,Bellinger(95)
Chesnee (93)
Chester,Mun.(95)
Clemson,King(93)
Columbia R (119)
" Congaree (119)
" Lexington Co. T (119)
" Owens (119)
Congaree (119)
Coronaca (119,93)
Darlington,Hartsville
Ellloree(119) (95,119)
Estill (119)
Florence A,R (95,119)
Georgetown (119)
" County (119)
Greenville A,R (93)
" AAB T (93)
" Paris Mtn. (93)
Greenwood (93,119)
" Coronaca (93,119)
Hartsville (95)
Honea Path,Ashley(93)
John's Island (119)
Kershaw (95)
Lancaster,Coulbourn(95)
Lane (119)
Laurens,Barksdale(93)
Manning (119)
Myrtle Beach R,T (119)
Newberry (119)
North (119)
North Augusta (119)
Orangeburg,Hawthorne
" Jennings(119) (119)
Parris Island (119)
Ridgeland (119)
Rock Hill,Roddy (95)
St.Matthews,Donald(119)
Shaw T (119)
Spartanburg R (93)
" Fairforest (93)
" Memorial T (93)
Summerville FM(119)
Sumter (119)
" Shaw T (119)
Timmonsville,Huggins
Trenton(119) (95,119)
Walterboro(119)
Wampee,Ocean Drive (119)

SOUTH DAKOTA

Aberdeen A,R (11)
Belle Fourche (10)
Britton,Mun.(11)
Brookings (11)
Carthage (11)
Chamberlain (28)
Custer,Bourassa(27)
Dell Rapids (28)
Edgemont (27)
Elk Point (28)
" Mun. (11)
Faulkton,Biedenfelt(11)
Flandreau (11)
Gregory (28)
Hot Springs (27)
Huron R (11)
" W.W.Howes(11)
Madison (11)
Martin Bennett Co.(27)
Milbank (11)
Miller (11)
Mitchel (28)
" Anderson (28)
Mobridge (10)
Newell (10)
Philip H,A (10)
Pierre A, R (10)
Platte (28)
Presho Mun. (27)
Rapid City R (10)
" Halley (10)
" AAB T (10)
" Geronime (10)
" Rushmore (10)
Redfield (11)
Reliance,Rancher's and Farmer's (28)
" Fletcher (28)
Sioux Falls A, R (28)
Sisseton Mun. (11)
Spearfish,Black Hills(10)
Stevens,Rickenbacker
Vermillion (28) (28)
Wagner (28)
Watertown A, R (11)
Willow Lake
" Hofer-Kannegieter(11)
Winner (28)
Yankton (28)

TENNESSEE

Ashland (91)
Chattanooga R,T (91)
Clarksville,Outlaw (91)
Clifton (91)
Cookeville (91)
Cowan,Univ.of South(91)
Crossville (91)
Cuba FM (89)
Dandridge,Lakeside(93)
Dyersburg (89)
" Mun. (89)
Fairview FM (91)
Fayetteville, Dicks (91)
" Wilks (91)
Fisherville FM (89)
Graham (91)
Green Brier FM(91)
Henning,Keith (89)
Hohenwald, Brown (91)
Humboldt (91)
Jacks Creek R,A (91)
Jackson (91)
" McKellar (91)
Johnson City (93)
Kingsport, Pierce (93)
Kingston FM (93)
Knoxville R (93)
" McGhee Tyson (93)
" Island (93)
Lebanon (91)
Lewisburg (91)
Lexington (91)
McMinnville,Boyd (91)
Madison Air Strip (91)
Manchester (91)
Martin,Gill-Dove (91)
Memphis R, T (89)
" Flying Svc (89)
" Martin (89)
" NAS T (89)
" Wilson (89)
" Wright (89)
Milan (91)
Morristown (93)
Mt. Juliet FM (91)
Mt. Pleasant,Maury (91)
Murfreesboro
" Sky Harbor (91)
" St.Teachers Col.(91)
Nashville R (91)
" Berry T (91)
" Cornelia Fort (91)
" Cumberland (91)
" Smyrna T (91)
Paris (91)
Piedmont FM (93)
Pulaski,Abernathy (91)
Shelbyville,Bomar (91)
Smithville R, A (91)
Smyrna T (91)
Tallassee FM (93)
Tri-City R, T (93)
Tullahoma,Wm.Northern (91)
Union City, Stewart (89)
" Kennon (89)
" Uptown (89)
Walterhill FM (91)
Whiteville (89)
Wm. Northern (91)

TEXAS

Abilene R (107,121)
" AAF (107,121)
" Air Term.T (107,121)
Adrian (83)
Alamo,Kahler (123)
Albany,Taylor (107)
Alice A, R, (123)
Alor AAF (123)
" #10(123)
Alpine,Starns(107,121)
Amarillo A,R,LFM(83)
" English T (83)
" Tradewind (83)
Anahuac,Sky Harbor(127)
Anson (107,121)
Arcola FM (127)
Arlie (85)
Aragon #5 (121,105)
Arlington,Midway (111)
" OLF (111)
" Sky Ranch (111)
Asherton (123)
Atlanta (113)
Austin R (125)
" Bergstrom T (125)
" Haile (125)
" Robert Mueller (125)
" St. Edwards (125)
Austwell (123)
Baird (107,121)
Ballinger,Bruce(107,121)
Bandera (125)
Beaumont A, R (127)
" Jefferson Co. (127)
" Lamar (127)
Beeville,Chase (123)
" Travland (123)
Belton (125)
Bergstrom T (125)
Biggs T (105)
Big Lake Mun. (107,121)
Big SpringR,T (107,121)
" U&S Fly.Svc(107,121)
Bonham
" Jones (109)
Borger,Harnagel (83)
Bowie (109)
Brackettville (121)
Brady,Curtis(107,121,125)
" White (107,121,125)
Breckenridge (107)
Brooks T (111)
Brownfield (107)
" Triangle (107)
Brownsville R (123)
" Mauldin (123)
" Rio Grande Valley T (123)
Brownwood (107)
Bryan AAF (125)
" Coulter (125)
Burnet (107,125)
Cabannis T (123)
Cameron (125)
Camp Hood (125)
Canadian,Hemphill(85)
Candelaria,Decker Ranch (105,121)
Canyon,W.Texas St.(83)
Carrizo Spgs.,Dimmit County (123)
Carthage Air Svc(109)
Castolon (121)
" Johnson Ranch (121)
Center (113)
Chase (123)
Childress R (85)
Childress AAF (85)
Cisco (107)
Clarendon R, A (85)
Clarksville (109)
Claude (83)
Clear Springs #5 (111)
Cleburne NW (109)
Cleveland R (113)
Coleman (107,121)
College Station
" Easterwood (125)
Colorado City (107,121)
Comanche (107)
Commerce (109)
Conroe,Montgomery County (127)
Corpus Christi R (123)
" NAS R, T (123)
" Cliff Maus T (123)
" OLF #10 (123)
" OLF #11 (123)
" OLF #25 (123)
" OLF #41 (123)
" Cubbanis T (123)
" Cuddihy (123)
" Rodd T (123)
" Waldron (123)
" mun. (109)
" "75" (109)
Crane,Crane Co. (107)
Crosbyton,Paulder (107)
Crystal City(123)
Cuero (125)
" Edgerton (125)
Cox AAF (109)
Cypress,Jackson (127)
Dalhart (83)
" mun. (83)
" #1 (83)
" #2 (83)
Dallas R (111,109)
" Clearview (111)
" Fliers (111)
" Hensley T (111)
" Highland Park (111)
" Hudson (111)
" Lou Foote (111)
" Love T (111,109)
" Mustang (111)
" Second Ave. (111)
" Skyline (111)
" White Rock (111)
Damon (127)
De Kalb (109)
Delaware Spgs.(105)
Del Rio (121)
" Laughlin (121)
" Val Verde Co. (121)
Denison,Gray (109)
Denton (109)
" Hartlee (109)
Denver City (107)
" Humble (107)
Dimmit,Bobcat (83)
Dolores,LaLajo (123)
Dryden,Airdrome(121)
" Int. (121)
Dublin,Loyd Hines (107)
Dumas (83)
Duncanville H (109,111)
Eagle Mtn.Lake (111)
Eagle Pass (123)
" Mun. (123)
Eastland,Weaver (107)
Eden (107,121,125)
Edinburg,Com. (123)
Edna (125)
El Campo,Hefner (125)
Eldorado (107,121)
Electra (107)
Ellington T (127)
El Paso R (105)
" Biggs T (105)
" Mun. T (105)
Elsa (123)
Ennis (109)
Floydada (107)
Forney FM (111,109)
Fort Clark (121)
Ft. Hancock (105)
Ft.McKavett,C-B (107,121)
Ft.Stockton,Dyche(107,121)
" Gibbs (107,121)
" Win (107,121)
Fort Worth R,LFM(111)
" AAF T (111)
" Hicks (111)
" Meacham T (109,111)
" Midwest (111)
" Russell (111)
" T.C.U. (111)
Freeport,Lake Jackson Freer (123) (127)
Friona,Benger (83)
Gainesville AAF (109)
" Com. (109)
" Whaley Arpk (109)
Galveston A, R (127)
Garland,Luscombe(111)
Gaskin (109)
Gatesville,Scott (125)
Georgetown (125)
Gilmer,Holmes (109)
Gonzales,Faurie (111)
Goodfellow R (107,121)
Goose Creek,Humphrey
" Tri-Cities(127) (127)
Gorman (107)
Grand Prairie(111
Grauwyler Park H,(111)
Gregory FM(123)
Greenville,Caddo Mills
" Majors (109) (111)
" Rutherford (109)
" S. Sulphur (109)
Groesbeck (125)
Gruver (83)
" Harris (83)
Guadalupe Pass V.FM (105,121)
Guthrie R (107)
Hamilton (109)
Hammond (125)
Handley (111)
Harlingen (123)
" Com. (123)
" Mun. (123)
Harpersville FM,A(107)
Hart, Roper (83)
Haslet H,FM(111,109)
Hearne (125)
Henderson (109)
" Rusk Co. (109)
Hensley T (111)
Hereford,Clover (83)
Hillsboro,Byrn's (109)
Hitchcock T (127)
Hondo AAF (125)
Houston R,FM,T (127)
" Ellington (127)
" Erwin-Newman (127)
" Main Street (127)
" Minor Stewart (127)
" Preston (127)
" Sam Houston (127)
" Skyport (127)
" Sportsman (127)
Hudspeth (105)
Hueco Mtn. FM (105)
Huntsville,Houston(127)
Iahoka (107)
Idalou (107)
Iraan (107,121)
Jacksonville (109)
Joaquin R (113)
Joshua FM (109)
Karnack FM (113)
Kaufman,Wallace#2(111)
Kelly T (125)
Kenedy (123)
Kent (105,121)
Kermit (107,121)
Kerrick (83)
Kerrville,Schreiner(125)
Kilgore,Elder (109)
Killeen (125)
" Camp Hood (125)
" (new) (125)
Kingsville (N) (123)
" (S) (123)
" Int. (123)
" Weisman (123)
Kirbyville,Richter(127)
Knox City (107)
Lamesa (107,121)
" Com. (107,121)
" Hogg (107,121)
Lampasas Co.(107,125)
Laredo A, R (123)
" Chupadera Rnch(123)
" Wormser (123)
Laughlin (121)
Leaday,Miller(107,121)
Levelland (107)
Liberty,Darrell (127)
Littlefield,Duggan(107)
Winston (107)
Llano Co. (107,125)
Longfellow,Cox (121)
" Voas Ranch (121)
Longview,E.Side (109)
" Gregg Co. (109)
Loraine,Lion's Club (107,121)
Los Fresnos FM,A(123)
Louise (125)
Lubbock A, R (107)
" Com. (107)
" So.Plains AAF (107)
Lufkin (127)
" Angelina Co. (127)
Luling (111)
McAllen (123)
McCamey (107,121)
McKinney (109)
Madisonville Emerg (127)
Magnolia Beach
" Indianola (123)
Marathon,Blair (121)
" McCombs (121)
Marfa AAF (107,121)
" (new) (105,121)
Marfa (old)(105,121)
" Allison Ranch (121)
" Aragon (121,105)
" Ryan #3 (105,121)
" South #1 (121)
Marlin, Stephens (125)
Marshall (109)
Mason Co. (107,125)
Martindale #4 (111)
Matagorda Isl.Bombing & Gun. Range (123)
Matagorda Peninsula (123)
Mathis,Lake Mathis(123)
Mercedes FM (123)
" Central Valley (123)
Mexia (109)
Midland R,A (107,121)
" Com. (107,121)
" #2 T (107,121)
" Skyhaven (107,121)
Mineola,Wisener (109)
Mineral Wells (111)
Mission,Magic Valley
" Moore (123) (123)
" Moore #1 (123)
" Moore #3 (123)
" Shary (123)
Monahans,mun.(107,121)
Moore (123)
Moore #3 (123)
Morton,CochranCo. (83)
Mt. Pleasant (109)
Muleshoe (83)
Muenster (109)
Nacogdoches (109)
Navasota R,A (127)
Newark,Eagle Mtn. Lake (111)
New Braunfels,Clear Spring #5 (111)
" Kuehler (111)
Odessa,Ector Co.(107,121)
Old Ocean (127)
Olney (107)
Orange (127)
" Brown (127)
Orla,Tex-Line(105,121)
Ozona (107,121)
" Kinser Rnch(107,121)
Paducah (107)
Palacios A, R (123)
Palestine (109)
Pampa (85)
" Int. (85)
" AAF (85)
Pandale (121)
Panhandle (83)
Paris,Cox AAF (109)
" Legion (109)
Parker Int.(109,111)
Pawnee (123)
Pecos (107,121)
" Anderson (107,121)
Perrin (109)
Perryton (85)
Plainview,Hale Co.(83)
Port Arthur,Parker(127)
Port Isabel (123)
Portland,Hunt (123)
Port Lavaca,Tanner
Post (107) (123)
Poteet (125)
Prairie Hill,Waco #5(109)
Presidio (121)
" Air Strip (121)
Preston (127)
Pyote AAF T (107,121)
Quannah,Comm.(85)
Quitman,McCloud(109)
RandolphR,T (125,111)
Ranger (107)
Rankin (107,121)
Raymondsville,Fox(123)
" Int. (123)
Red Bluff,Hines(105,121)
Refugio,Rooke (123)
Richmond R (127)
Rita Santa (107,121)
Roaring Spgs.,Buzz(107)
Rockport (123)
Rock Spgs.,Sherrill(121)
Rodd T (123)
Rosenburg,Lane (127)
Rotan (107)
Ryan #3 (121,105)
Saginaw (111)
Salt Flat R,A (105)
San Angelo T (107,121)
" Goodfellow R (107,121)
" No.Concho (107,121)
" Sky Harbor (107,121)
San Antonio,Alamo R,T (111,125)
" Bexar Co. (111)
" Brooks T (111)
" Davis (111)
" Hurt (111)
" Kelly R, T (111,125)
" Lake (111)
" Leon Valley (111)
" Martindale #4 (111)
" Mission (111)
" Randolph R,T(111,125)
" Stinson T (111)
" Yates (111)
San Benito (123)
Sanderson Land.Strp(121)
San Marcos R,T (125)
" Int. (125)
Sayers,Craigg (111)
Schulenburg (125)
Seguin (111)
" #1 (111)
" Schneider (111)
Seminole (107,121)
Seymour (107)
Shamrock (85)
Sherman (109)
" Gaskin (109)
" Perrin (109)
Sierra Blanca (105)
Simms (109)
Sinton (123)
" Community (123)
Smithville (125)
Soncy FM (83)
South Plains T (107)
Spearman (83)
Spring Branch FM (111,125)
Spur (107)
Stamford (107)
" Arledge (107)
Stanton FM (121,107)
Stephenville (107,109)
Stinnett (83)
Stratford (83)
Sulphur Spgs FM,A,H (109)
Sunray,Carbon Plant (83)
McIntosh,S.D. (10)

NEW FACILITIES: Conway, S.C.(119) Kingtree,S.C.,Gamble (119) Lake City,S.C.,Brown(119)Buffalo, S.D.,Harding Co.(10) Gettsburg, S.D.(11)Arlington,S.D.,Lake Poinsett (11) Lake Preston,S.D. (11)Lemmon, S.D.(10) Murda,S.D.(27) Oldham,S.D.(11) Selby,S.D.,Rehenberg (10) Bison,S.D.,Universal (10) Wall,S.D.(27) Webster,S.D.(11) Chattanooga,Tenn.,Thomas (91) Greenfield,Tenn.(91) Abilene,Tex.,Maker (107,121) Pine Springs,Tex.,McCombs (105,121) Bakersfield,Tex.,Wilson Ranch (107,121) Goldthwaite,Tex.(107) Medina, Tex.,City (125) Mt. Pleasant,Tex.,Hoffman(109) Winnsboro,Tex.,Mulinax (109) Franklin, Tenn.,Air Service (91) Newman, Tex H (105) Bristol,Tenn.,Tri-City T (93) Graham,Tex.(107) Graham, Tex.,Rosser-Ranch (107) Coventry,R.I.(57) Acala,Tex.,Kelly's(105) Obion,Tex.,Morris(89) Castroville, Tex.,Riomedina(109) Longfellow, Tex.,(121)

MAY 27 1947

Sweetwater, Avenger (107,121)
Taft-Worsham (123)
Taylor (125)
Teague, Gage (109)
Temple, Draughon-Miller (125)
" Woodson (125)
Terlingua (121)
Terrell, Mun. (111)
" Wallace (111)
Texarkana (113)
Texas City (127)
" Gulf Coast (127)
Texhoma (83)
Texon, Parker (107,121)
Tulia (83)
Turkey (85)
Twitty (85)
Tyler R (109)
" Pounds (109)
" Stewart (109)
Uvalde, Garner (121,125)
Van Horn (105,121)
" Culberson Co. (105, (121)
Velasco, Brazosport Vernon (85) (127
" Int. (85)
" Victory (85,107)
Victoria
" Aloe AAF (123)
" Aloe #10 (123)
" Foster (123)
" Foster #4 (125)
Waco A, R (109)
" Mun. (109)
" Blackland #1 (125)
" Newland (125)
" Riesel (125)
Waldron (123)
Waxahachie A. FM (109)
" Ellis Co. (109) (109
Weatherford A, FM 111)
" Parker Sky Camp
Webster FM (127) (111)
Wellington (85)
Weslaco, Mid-Valley (123)
Westbrook (107,121)
" Spade Ranch (107,121)
Wharton (127)
Wichita Falls R (107)
" Gilchrist (107)
" Holman (107)
" Sheppard/Kell (107)
Wills Point (109)
Wink A, R (107,121)
Winters (107,121)
Wolfe City (109)
Yoakum A. H (111,125)
" Int. (111,125)
Zuehl #6 (111)

UTAH

Beaver (79)
Bountiful, Sky Haven (23)
Brigham (23)
Bryce Canyon R, A (79)
Cedar City (79)
Corinne FM (23)
Delta A, H (23)
Duchesne (23)
Dugway (23)
Enterprise R, A (79)
Ephraim, Manti-Eph (23)
Fairfield A, R (23)
Fillmore (79)
Goulding Trading Post
" Monument Val'y (81
Grantsville (23)
Hanksville R, A (81)
Huntsville FM (23)
Hill T (23)
Knolls (23)
Layton FM (23)
Logan, Hillcrest (23)
" Logan-Cache Co. (23)
Low Figt Strip (23)
Lucin R, A (23)
Midvale (23)
Milford R, A (79)
Mt. Pleasant (23)
Myton (23)
Nephi (23)
Ogden R, A (23)
" Hill T (23)
" Hinckley T (23)
Price, Carbon Co. (23)
Promontory Pt. (23)
Provo (23)
Richfield (79)
Riverton R (23)
Roosevelt (26)
St. George A, R (79)
" Int. (79)
Salt Lake City R (23)
" #1 T (23)
Salt Lake #2 (23)
" Utah Central (23)
Sandy, Alta (23)
Spanish Fork (23)
Timpie FM (23)
Tooele (23)
" Dugway (23)
Tremonton (23)
Vernal (new) (26)
" (old) (26)
Wendover R, T (23)

[redacted]

Bennington (55)
Berlin, Barre-Montpelier (18)
Bristol (18)
Burlington R, T (18)
Fair Haven (55)
Grand Isle FM (18)
Huntington FM (18)
Manchester, Equinox (55)
Montpelier R (18)
Newport (18)
Rutland (55)
St. Johnsbury, Brown (18)
Springfield, Hartness
Swanton, Austin (18) (55)
Vergennes FM (18)
White River Junction
" Twin State (55)

VIRGINIA

Alberta (97)
Alexandria A, FM (67,69)
" Beacon (69)
" Crossroads (69)
Altavista (95)
Annandale, Springfield
Arcola R (67)
Bedford (95)
Big Spring Gap
" Powell Valley (93)
Blacksburg, V.P.I. (95)
Blackstone A, R (97)
Bristol (93)
Cape Charles
" Dixie Holland (97)
Charlottesville, Univ. of Virginia (65)
Chester FM (67)
" Midway (67)
Chilhowie FM, A (93)
Chincoteague T, R (67)
Clarksville- Finchley
Clover (95) (97)
Covington-Clifton (65)
" Clifton Forge (65)
Creeds (97)
Dahlgren NAF T (67)
Danville A, H (95)
Dawn FM (67)
Deep Creek FM (97,141)
Drivers, Monogram (141)
Eclipse FM (97,141)
Emporia (97)
Falls Church (69)
Farmville (97)
Fentress (141)
Franklin (141)
Fredericksburg
" Shannon (67)
Front Royal R (65)
" Stokes (65)
Galax (93,95)
Gordonsville A, R (65)
" Int. (65)
Greys Pt., Hummell (67)
Hampton, Peninsula (141)
Harcom (67)
Harrisonburg, Hartman
Herndon FM (67,69) (65)
" Blue Ridge (67)
Hopewell (97)
Hot Spgs., Ingalls (65)
Langley R, T (97,141)
Lawrenceville (97)
Leesburg (67)
Lexington (65)
Lively (67)
Lynchburg R (65)
" Preston Glenn T (65, (95)
" Timberlake (65)
Manassas (67)
Martinsville (95)
" Lester (95)
Melfa Figt Strip (67)
Milford (67)
Monogram (141)
Montvale, Buford's (65)
Mt. Vernon H, FM (69
Narrows (65) 67)
Norfolk R, T (97,141)
" Glenrock (141)
" NAS, Chambers (141)
" NAS, East R, T (97,141)
" S. Norfolk (141)
Oceana T (141)
Ononcock, Johnson (67)
Orange Co. (Orange) (65)
Parksley (67)
Petersburg (97)
" Colonial Hgts. (97)
Portsmouth, Cumberland
Pulaski R, A (61,95) (141)
Pungo (141)
Quantico R, T (67,69)
Radford (95)
Richlands (61)
Richmond R (67)
" Byrd T (67)
" Central (67)
" Hermitage (67)
" Northfield (67)
Roanoke R (95)
" Woodrum T (95)
Shenandoah (65)
Staunton (65)
Suffolk (65)
Tappahannock (67)
Virginia Beach (141)
Warrenton, Zieger (67)
Waverly (141)
Waynesboro, Augusta
" Valley (65) (65)
Weems, Currell's (67)
Weirwood, Kellam (67)
West Point (67)
Williamsburg, Scott (97)
" Wm & Mary (97)
Winchester (65)
Windsor, Garner (141)

WASHINGTON

Aberdeen, Moon Isl (2)
Almira, "JZ" (3)
Arlington, Aero Sch (2)
Auburn (143)
Bellevue, Lake (143)
Bellingham (2)
Blaine (2)
Bothell, Kenmore (2)
Bremerton, Kitsap Co. (143)
Burlington, Skagit Valley Air Svc (2)
Camano Island FM (2)
Camas, Groves (143)
Chehalis, Co.-City (2)
Chelan (3)
Cheney, Savage (3)
Clarkston, Asotin Co. (3)
Cle Elum (2)
College Place
" Martin (3)
Colville (3)
Connell (3)
Coulee City (3)
Coupeville (2)
Davenport (3)
Deer Park (3)
Dungeness FM (2)
Easton FM, A (2)
East Sound, Orcas Is. (2)
Ellensburg R (2)
" Bowers (2)
Enumclaw (143)
Ephrata A, R (3)
Everett A, R (2)
" Paine (2)
Forks (2)
Geiger (3)
Goldendale (2)
Harrington FM, A (3)
Huntsville, Tochet Valley (3)
Hobart FM (2)
Ilwaco (2)
Issaquah, Seattle Sky Ranch (143)
Kelso (2)
Kennewick, Twin City (3)
" Vista (3)
Kent (143)
Kittitas, Cameron (2)
La Center FM (2,143)
La Crosse (3)
Lakeview FM (2,143)
Lind (3)
McChord R, T (2,143)
Mead, Wallace (3)
Metaline Falls, Sullivan Lakes (3)
Moses Lake (3)
Mt. Vernon Barker & Dean (2)
" OLP T (2)
Neah Bay R (2)
Newport (3)
North Bend, Snoqualmie Pass (2)
Okanogan-Legion (3)
Olympia (2)
Omak, Okanogan (3)
Opportunity, Lemen (3)
Orchards, R.C. Sugg
Oroville, Scott (3) (143)
Pasco (3)
Pateros, Anderson (3)
Port Angeles CGAS T
" Clallam Co. (2) (2)
Port Orchard, South Port Orchard (143)
Port Townsend, Co-City
Prosser (3) (2)
Pullman-Moscow Reg.
Puyallup (143) (3)
" Northern Tacoma
Quillayute (2) (143)
Renton, Boeing-Renton (143)
Republic, Fairweather (3)
Richland Air Base (3)
Ritzville (3)
Rosalia (3)
Seattle R (2,143)
" NAS H.T (143)
" Boeing T (143)
" Seattle-Tacoma (143)
Shelton (2)
Silverdale, Apex (143)
Snohomish (2)
Spanaway, Forest Grove
" Acft. Co. (143) (143)
Spokane R (3)
" AAF T (3)
" Calkins Air Term
" Felts T (3) (3)
" Geiger (3)
Sprague (3)
Stevenson FM (2)
Sunnyside (3)
Tacoma (143)
" Arpk (143)
" Barrys Sky Harbor (143)
" City View Arpk (143)
" Lakewood (143)
" McChord R, T (143,
Toledo-Winlock (2) 2)
Tonasket (3)
Toppenish (2)
Twisp (2)
Vancouver (143)
" Mun. (143)
Vista (3)
Walla Walla R (3)
" AAF T (3)
Washougal FM (2,143)
Washtucna (3)
Wenatchee, Fancher (2)
" Pangborn (2)
Westport (2)
Whidbey Island R, H, T (2)
Wilbur (3)
Winthrop, Intercity (2)
" Pasayten (2)
Woodland FM (2,143)
Yakima R (2)
" County T (2)

[redacted]

Beckley, Scott (61,63)
Buckhannon, Lewis (65)
Bunker Hill, Ridgeway (65)
Burlington, Baker (65)
Charleston R (61,63)
" Bollinger (61,63)
Clarksburg, Benedum
Elk Garden (65) (65)
Elkins A, R (65)
Glendale (65)
Greenbrier (65)
Hinton (65,61)
Hollidays Cove
" Weirton (65)
Huntington R (61,63)
Logan (61,63)
Marlinton (65)
Martinsburg A, R (65,67)
" North End (67)
Moorefield (65)
Morgantown A, R (65)
New Cumberland,
" Herron (65)
Parkersburg, Stewart
" Wood Co. (61,63) (61,63)
Paynesville H (61,63)
Pence Spgs. Hinton
Alderson (65,61)
Petersburg (65)
Princeton (63,61)
Ravenswood (63,61)
Romney (65)
Ronceverte (65)
Spencer, Roane Co. (63,
Sutton (65,61) 61)
Terra Alta, Forman (65)
Weston, Bennett (65)
Wheeling-Ohio Co. R
White Sulphur (65)
" Greenbrier AAF (65)
Williamson, Morris (61,63)
Winfield, Clark (61,63)

WISCONSIN

Amery (14)
Antigo (15)
Appleton, Outagamie 15,
Arbor-Vitae (15) 31,
Ashland (14)
Baraboo, Bell-Aero (31)
Barron (14)
Beaver Dam (31))
Black River Falls
" Jackson Co. (14)
Bloomer, Pines (14)
Boulder (15)
Boyceville (14)
Brodhead, Bill's (31)
Camp Douglas -
Camp Williams (29,
Camp McCoy (29) 31)
Cedarburg, Grob (31)
Chetek (14)
Chippewa Falls (14)
Clintonville (15,31) 31)
Colby-Abbotsford (14,
Cumberland Mun. (14)
Dallas (14)
Darlington, Red Rock (29,31)
DePere, Nicolet (15,31)
Durand, Schlosser (14)
Eagle River (15)
Eau Claire (14)
" (Mun.) (14)
Elkhorn (31))
Fifield, Boyd's Mason Lake (14)
Fond du Lac (31,15)
Genessee FM (31)
Grantsburg (14)
Green Bay, Brown Co. (15,31)
" East Side (15,31)
Green Lake (15,31)
Hales Corner, Wisconsin Skyways (31)
Hayward (14)
Hudson Fly. Svc. (14)
Janesville City (31)
" Rock Co. (31)
Kenosha A, FM (31)
Kohler (15,31)
La Crosse A, R (29)
" Int (29)
Ladysmith, Rusk Co (14)
Lake Delton, Wisconsin Dells Lake Delton (31)
Land O'Lakes, King's Gateway (15)
Lone Rock R, A (29,31)
Madison R (31)
" Morey (31)
" Four Lakes (31)
" Truax (31)
Medford, Taylor Co (14)
Manitowoc (15,31)
Manitowish
" - Waters Arpt (15)
Marshfield (14,31)
Merrill (15)
Milwaukee R (31)
" Brown Deer (31)
" Curtiss-Wright (31)
" Mitchell T (31)
" Skyhaven (31)
" Maitland (31)
Minong, Hultquist's Sky Ranch (14)
Monroe, Badger (31)
Neenah, Val'y Arwys
Neillsville (14) (15,31)
O'Conta Mun. (15,31)
Oconto Falls (15,31)
Omro, Ginnow (15,31)
Oshkosh
" Winnebago Co. (15,31)
Phillips (14)
" Price Lake (14)
Plymouth, Sky Village (15,31)
" Chaplin (15,31)
Portage, Mael (31)
Pulaski, Kubiak's (15,31)
Racine, Horlick-Racine (31))
Rhinelander (15)
Rice Lake (14)
" Arrowhead (14)
Richland Center (29,31)
Shullsburg (29,31)
Shawano (15,31)
Sparta, Sparta-Angelo (29)
Spooner (14)
Stevens Point (15,31)
Sturgeon Bay
" Cherryland (15,31)
Sturtevant, Air City (31)
Superior, Richard Bong
Three Lakes (15) (14)
Tomah (29,31)
Tomahawk (15)
Washington Island (15)
Watertown (31))
Waukesha Co. (31)
Waupaca (15,31)
Waupun (31)
Wausau, Alexander (15,31)
" Wisconsin Val'y (15,31)
West Bend Fly. Svc (31)
Whitewater (31)
Winter, Rainbow (14)
Wisconsin Rapids - Nepco Tri-City (15,31)

[redacted]

Afton (23)
Archer LFM (35)
Basin (7)
Big Piney (23)
Buffalo (7)
Casper R (26)
" AAF T (26)
" Casper Central (26)
" Wardwell (26)
Cheyenne, R, T (31)
Cody (7)
Cokesville (23)
Cowley, Cowley - Lovell-Bryon (7)
Douglas A, R (26)
Dull Center, Hoadley (27)
Evanston (23)
" (new) (23)
Fort Bridger R, A (23)
Gillette Arpk (7)
" Mun. (7)
Greybull (7)
Jackson (23)
Kemmerer (23)
Lander (26)
Laramie R (26,31)
" General Brees (26,31)
Lingle (27)
Lusk (27)
Meadows FM (35)
Medicine Bow (26,31)
Midwest FM (26)
New Castle, Mondell (27)
Parkerton FM (26)
Pine Bluffs (35)
Pinedale (26)
Point of Rocks FM (26)
Powell (7)
Rawlins (26,31)
Riverton (26)
Rock Springs (new)
" (old) (26) (26)
Saratoga (26,31)
Sheridan R, LFM (7)
" Sheridan Co. (7) 31)
Silver Crown FM (26,
Sinclair R, A (26,31)
Sussex (26)
Thermopolis (26)
Torrington (27)
Ucross FM (7)
Wamsutter (26,31)
Wheatland (27)
" East Side (27)
Worland (26)

PAGE V (cont.)
New Facilities (cont.)

[redacted]

Woodston (37)
Tribune, Pickrel-Farmer Fly Svc (35)
Kanorado, Winter (35)
Atwood Mun (37)
Burdett Flying Club Fld
Concordia Mun (37) (37)
Downs Mun (37)
Ellsworth (37)
La Crosse, Hoover (37)
Hoxie (37)
Marysville (37)
Ness City
" Nessco Arpk (37)
" Ness Flying Club (37)
Oakley (37)
Junction City, Ritter (37)

[redacted]

Auburn, Dingley (18)
Hudson, Robbins (18)
Mallawamkeag
" Moscone's (18)
Mapleton, Community Arpk (18)
Mars Hill (18)
Washington, Austin (18)

MARYLAND

Annapolis, Dixie (67)
Baltimore
" Diffendahl (67)
Chestertown, Gill (67)
Elkton, Lovett (67)

NEW FACILITIES: Bristol, Va., Combs (93) Spokane, Wash., Manito (3) Seattle, Wash., Bellevue (143) Lovell, Wyo., Mun. (7) Meeteetse, Wyo., Mun. (7) Shoshoni, Wyo. (26) Hurricane, Utah (79) Marysville, Wash., Marysville Bay Meadows (2) Iron River, Wis., Union (14) Colchester, Vt., Champlain (18) East Montpelier, Vt., Fairmont (18) Middlebury, Vt. (55) St. Albans, Vt., Point Hill (18) Spencer, Wis. (14) Elma, Wash. (2) Mossyrock, Wash. (2) Montesano, Wash., Summit (2) Laramie, Wyo. (26) College Place, Tex., Skyranch (3)

GCA AVAILABLE: How and Where

GROUND CONTROLLED APPROACH (GCA) AVAILABLE TO CIVIL PILOTS AS WELL AS ARMY AND NAVY: All GCA facilities (Army, Navy, or CAA) are available to any plane in emergency. To secure GCA assistance pilots should call the associated control tower for instructions.

In addition to the working frequencies listed below, Army and Navy GCA emergency VHF transmissions are made on 140.58 mcs. Simplex service on 3117.5 kcs will be provided at all Army and Navy installations to provide an alternate means of communications for scheduled air carrier aircraft. Army and Navy towers **will relay GCA instructions** on 200-400 kcs band to civil aricraft not equipped **to receive VHF or HF.**

A minimum of 30 minutes will generally be required to assemble **a GCA crew and prepare the** equipment for operation AFTER **an** alert has **been received at those locations not** providing continuous **service.**

NAVY GROUND CONTROLLED APPROACH (GCA): Universal frequencies allocated primarily for Navy GCA operational use ,transmitting and receiving, are as follows:

HF Communications 3475,4890,6640 kcs. **VHF Communications** 134.64,142.08,143.64 mcs.

Navy GCA Units shall be prepared to control aircraft on the interim U.S. emergency frequency, 140.58 mcs, transmit and receive. Use of this frequency should be restricted to emergencies and routine check of communication equipment.

In addition to above, Navy GCA Units will be prepared to transmit on HF from 2000 to 18100 kcs, and receive on 1500 to 9050 kcs to aid any plane in emergency.

To promote flight safety, the Navy Department has made its GCA facilities available to civil aircraft for emergency use. Practice approaches by civil aircraft is restricted to multi-engine aircraft because of personnel and equipment limitations. Navy GCA Units shall be prepared to control scheduled aircarriers in emergencies on 140.58 mcs and 3117.5 kcs, transmit and receive. In addition arrangements shall be made to transmit GCA control instructions on tower low frequency either directly or by relay through the tower to aircraft in distress and not able to receive on any other frequency.

Call signs for all Navy GCA Units are the name of the field plus "GCA". Example: "Norfolk GCA".

ARMY GROUND CONTROLLED APPROACH (GCA): (a) CONTACT: **Pilots requiring GCA assistance should call the associated control tower requesting instructions for working GCA. Example: "Andrews Tower, this is Army 5555, request GCA".** (b) TOWER INSTRUCTIONS: **Control towers will ascertain frequencies available to both** pilot and **GCA, advise the pilot and establish contact with the GCA unit. Example: "Army 5555, this is Andrews Tower, do you have channel G, over". "Andrews Tower, this is Army 5555, channel G available, over". "Army 5555, this is Andrews Tower, establish contact with GCA on channel G, out". "Andrews GCA, this is Army 5555, over". "Army 5555, this is Andrews GCA, your position is now etc.....". (c) EMERGENCY: When receiver and transmitter difficulties exist, the tower may relay Ground Controlled Approach instructions to the pilot. However, from a safety standpoint the procedure should be used as an emergency contingent only. (d) ALERTING GCA: After being inoperative, GCA units require approximately 20 to 30 minutes for warming up. Pilots should anticipate requirement for GCA in flight planning and request alerting of GCA units as far in advance as possible.**

C.A.A. GROUND CONTROLLED APPROACH (GCA): **The C.A.A. has control tower-**operated GCA units at Washington National Airport, Chicago **Airport. The Indianapolis** GCA **unit is** not remoted to the tower. The **La** Guardia Field **unit will be commissioned in** the immediate future. The C.A.A. installations, however, are operating on a service test or experimental basis only, and for operator training, and can be used only for practice approaches and landings until further notice. No emergency landing service is available until these units are officially commissioned.

STATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	
Chicago Arpt, Ill.	350 kcs;109.5, 126.18 mcs.	3105,4495,6210, 3117.5 kcs;126.18, 118.1,118.7,122.5mcs.	Continuous
Indianapolis Arpt, Ind.	212 kcs;126.18 mcs.	3105,3117.5,4495, 6210 kcs;126.18mcs.	0800-1600 Mon. thru Fri.
La Guardia Fld, N.Y.	(Not yet comm.)		
Washington Nat.Arpt,D.C.			Continuous

NAVY GCA OPERATIONAL UNITS

LOCATION	FREQUENCIES		REMARKS (Weather minimums; hrs. of oper)
	Transmitting	Receiving	
Atlantic City NAS, N.J.	*,275 kcs	+	200', 1/4 mi.30-min.not.
Cherry Point MCAS, N.C.	*	+	300',1/2 mi.30-min.not.
Corpus Christi NAS,Texas	*,126.18,128.70 142.74 mcs,248kc	+,126.18,128.70 142.74 mcs.	100',1/2 mi.30-min.not.
El Toro MCAS, Calif.	*	+	30-min. notice.
Jacksonville NAS (Lee Fld) Fla.	*	+	200',1/2 mi.15-min.not.
Miramar MCAS, Calif.	*	+	200',3/4 mi.30-min.not.
Moffett Fld NAS, Calif.	*	+	100',1/2 mi.Continuous.
New York NAS (Floyd Bennett), N.Y.	*,388 kcs	+	100',1/4 mi.30-min.not.
Norfolk NAS, Va.	*,323 kcs	+	200',1/2 mi.30-min.not.
Oakland NAS,Calif.	*	+	100',1/4 mi.30-min.not.
Olathe NAS, Kans.	*	+	100',1/4 mi.30-min.not.
Patuxent River NAS,Md.	*,347 kcs	+	100',1/4 mi.Continuous.
Quonset Point NAS, R.I.	*	+	100',1/4 mi.30-min.not.
Saufley Fld NAAS, Fla.	*	+	100',1/4 mi.30-min.not.
Seattle NAS, Wash.	*,230 kcs	+	100',1/2 mi.30-min.not.
Squantum NAS, Mass.	*	+	200',1/2 mi.30-min.not.
Whidbey Island NAS, Wash.	*,278 kcs	+	100',1/4 mi.30-min.not.

* Standard, 3117.5 kcs,140.58 mcs, & HF from 2000 to 18100 kcs.
\+ Standard, 3117.5 kcs, 140.58 mcs, & from 1500 to 9050 kcs.

ARMY GCA FACILITIES

LOCATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	(Hrs. of operation,etc.)
Fairfield-Suisun AAF, Calif.	HF, VHF, 3117.5 kcs, 131.4 mcs.	350,3117.5 kcs or any freq between 1500-18000 on req	Cont during IFR;0900-2100 Mon-Fri;30-min notice other times.
Barksdale Fld, La.	HF, VHF	VHF,3117.5,4495, 6210 kcs. 116.1 mcs.	0800-1700 Mon-Fri;cont. during **IFR**; **40-min.** notice other times.
Westover Fld,Mass.	137.88,140.58, 134.1,137.7 mcs.	137.88,140.58, 134.1,137.7 mcs; 3117.5 kcs.	On training status only. Should not be **used for** actual inst. low approach.
Andrews Fld, Md.	HF, VHF, 3117.5 kcs,116.1 mcs	VHF,4495,3117.5, 3105,6210 kcs, 116.1 mcs.	Cont during IFR;0800-1700 CFR;30 -min. **not**-ice other times.
Clinton Co. AAF, Ohio	HF, VHF, 3117.5 kcs,116.1 mcs	VHF,116.1 mcs, 1500-18000 kcs.	Cont during IFR;0800-2200 CFR; 30-min. **not**-ice other times.
Langley Fld, Va.	HF, VHF, 3117.5 kcs,116.1 mcs	VHF, 3105,3117.5, 4495, 6210 kcs, 116.1 mcs.	Cont during IFR;0800-1630 CFR; 40-min. not-ice other times.
Mitchel Fld, N.Y.	HF, VHF, 3117.5 kcs,116.1 mcs	VHF,3105,3117.5, 4495,4765 kcs, 116.1 mcs.	Cont. during IFR;training flights 0900-1130 **&** 1300-1630 during CFR; 40-min. notice other times.

HF= 3475, 4890,6640 kcs. VHF = 126.18,134.1,137.7,137.88,140.58 mcs.

N.B. Weather minimums: For clearance purposes minimums established in TO-08-15-3 or AAF Regulations 60-16 apply.

N.B. Pilots desirous of making practice GCA approaches should make their own arrangements with the tower concerned.

AIR NAVIGATION RADIO AIDS

LEGEND

(3) - Station guards 3105, 4495, 6210 kcs
(4) - Station guards 3105, 4495, 6210, 3117.5 kcs.
(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis
→ - New or revised data*

RADIO CLASS DESIGNATIONS

AC..... Approach Control Tower, CAA
B..... Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C..... Control Tower, CAA
CA..... Control Tower, Army
CI..... Control Tower (City,County,Private, etc.)
CN..... Control Tower, Navy
D..... Distantly controlled
FM.....VHF fan type marker (100 watts)
FMHW. .....Non-directional radio beacon when combined with fan marker.
GCA..... Ground control approach system
H..... Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System (voice on localizer channel)
IM.....VHF boundary marker
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts.
MM.....VHF middle marker
MME.....Compass locator station when combined with middle marker of Instrument Landing System
MRA..... Range (adcock, vertical radiators), power more than 50 less than 150 watts
MRL..... Range (loop radiators), power more than 50 less than 150 watts
OM..... VHF outer marker
OMK..... Compass locator when installed at outer marker site or within
P..... Point to point radio ⌉5,5 miles of middle marker
RA..... Range (adcock, vertical radiators), power 150 watts or more
RL..... Range (loop radiators), power 150 watts or more
S..... Simultaneous (range signals and voice) type of transmitter
T..... Teletype
TX..... Principal teletype
V..... Additional voice feature on VHF
VAR..... Visual-aural VHF range (every VAR has simultaneous
W..... Without voice facilities ⌉ voice feature)
Z..... VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE ·—	E-EASY ·	I-ITEM ··	M-MIKE ——	Q-QUEEN ——·—	U-UNCLE ··—	Y-YOKE —·——
B-BAKER —···	F-FOX ··—·	J-JIG ·———	N-NAN —·	R-ROGER ·—·	V-VICTOR ···—	Z-ZEBRA ——··
C-CHARLIE —·—·	G-GEORGE ——·	K-KING —·—	O-OBOE ———	S-SUGAR ···	W-WILLIAM ·——	
D-DOG —··	H-HOW ····	L-LOVE ·—··	P-PETER ·——·	T-TARE —	X-XRAY —··—	

1 ·———— 3 ···—— 5 ····· 7 ——··· 9 ————·
2 ··——— 4 ····— 6 —···· 8 ———·· 0 —————

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered non-directional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles. These are now shown as "MHW" facilities.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency, and generally, VHF of 116.1 and/or 111.1 mcs. 116.1 mcs. is used for transmission to Army aircraft, 111.1 mcs. to civil aircraft.

The classification designation "B" denotes that the station broadcasts meteorological and notice to airmen information on a scheduled basis at 15 & 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, see *FLIGHT INFORMATION MANUAL*

AIRPORT DATA
LEGEND

(When city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A) Airport name (A) - Owned or leased totally by Army
(N) " (N) - " " Navy
(CG) " (CG)- " " Coast Guard
(NG) " (NG)- " " National Guard
(A) " - Open to civilians but owned or leased wholly or in part by Army, Air Reserve, Army svce. detachment, or contract gas usually avail.
(N) " - Open to civilians but owned or leased wholly or in part by Navy.
(CG) " - " " Coast Guard.
(NG) " - " " WD or State Govt, for Air Nat'l Guard. Ltd svcg. and maint. for transient military acft.
(P) " - Civil airport opened to military acft. (See Note 3)
* " - CAA Intermediate Field

CLASS
SIZE

4D: Length of longest landing strip (unpaved) in hundreds of feet
4H: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl").

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Top, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1: Voice availibility via tower, range (or homing device), or voice station
R2: Range (or homing device) and tower
R3: Range (or homing device), tower, and instrument landing system

LIGHTS

L: Incomplete lighting, either flood or portable runway lights
L1: Beacon only
L2: Beacon and boundary
L3: Beacon, boundary, and obstruction
L4: Beacon, boundary, obstruction, and flood
L5: Beacon, boundary, obstruction, flood, and runway contact
(L5): Identical to L5 except that runway contact lights are high intensity
L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach
(L6): Identical to L6 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

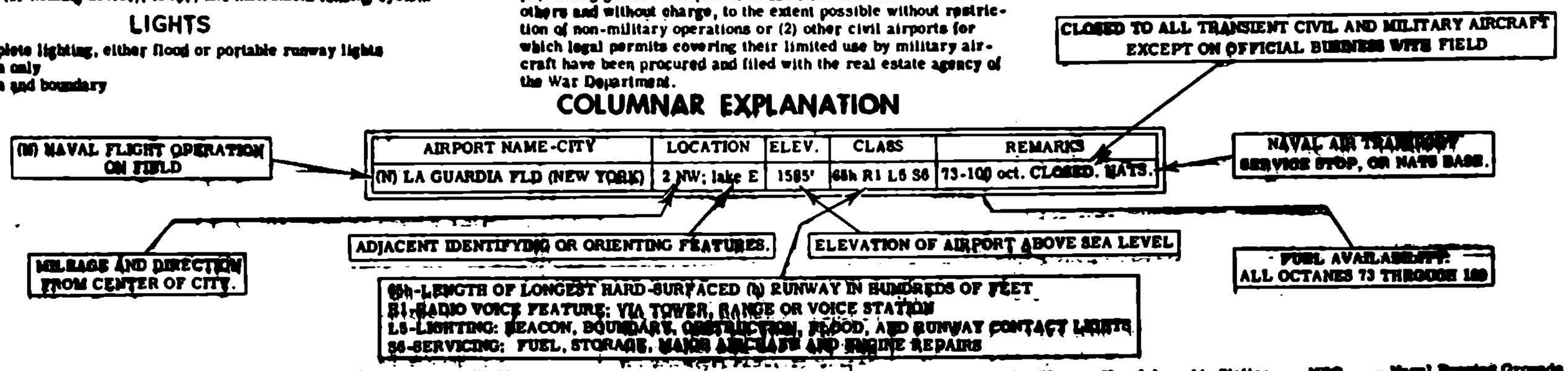
S1: Fuel
S2: Fuel, storage
S3: Fuel, storage, minor aircraft repairs
S4: Fuel, storage, minor aircraft, and minor engine repairs
S5: Fuel, storage, major aircraft, and major engine repairs
S6: Fuel, storage, major aircraft, and major engine repairs

N.B. Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently, servicing at such fields is isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1". "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there. Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. *
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, LS-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int."
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct.", indicates fuel octanes available. "Army", or "Navy" following octane indicates Army or Navy contract fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency.
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted. For example: On the other hand, all pole lines within at least a 15-1 glide angle are indicated.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly, the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft.
7. Airline stop airport names are capitalized or bracketed.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A) - Army Field
AAB - Army Air Base
AAF - Army Air Field
CGAS - Coast Guard Air Station
L/A - Lighter than Air
MCAS - Marine Corps Air Station
MCAAF - Marine Corps Aux. Air Facility
N - Navy Field
NAAS - Naval Aux. Air Station
NAF - Naval Air Facility
NAS - Naval Air Station
(NG) - National Guard
NPG - Naval Proving Grounds
OLF - Outlying Field (Navy)

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

MAY 27, 1947

FLIGHT PLANNING CHARTS

MAY 27,1947

LEGEND

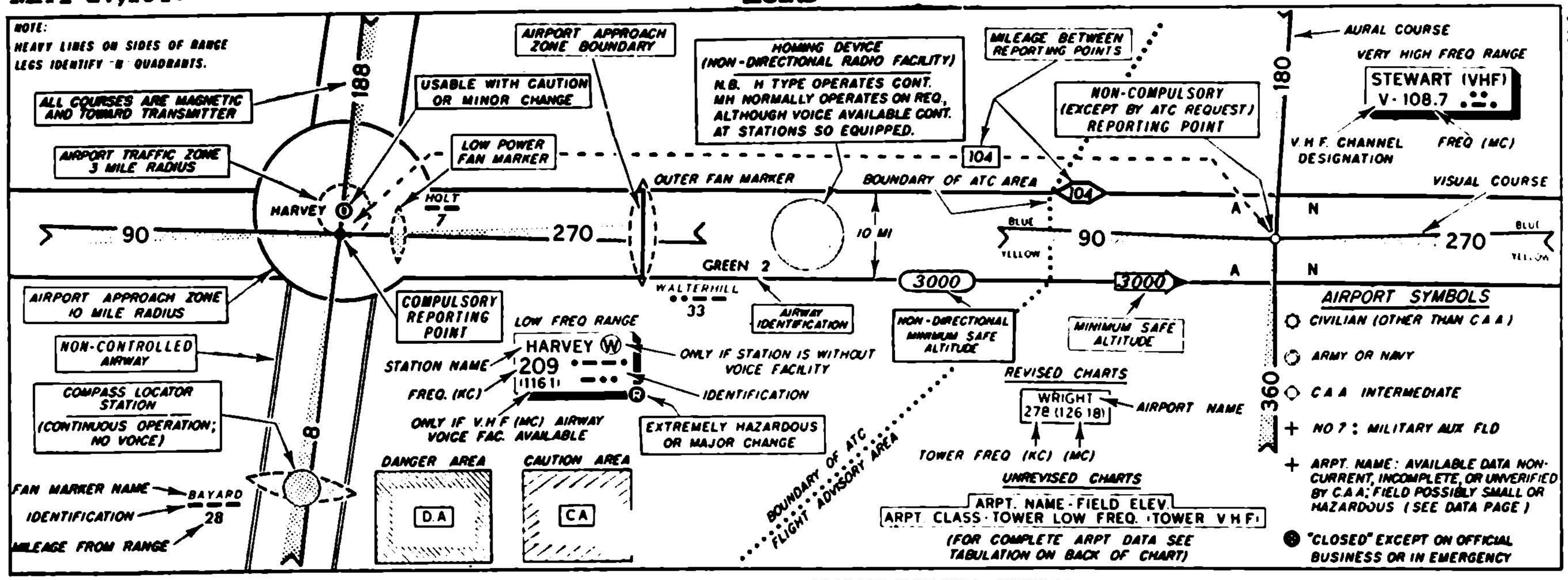


CHART CONTENTS

The Flight Planning Charts, in addition to the warning Ⓡ and caution Ⓞ symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages: (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled Ⓡ or Ⓞ items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new field, abandoned fields, range frequency changes, etc., are currently reflected on the charts For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol Ⓡ for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol Ⓞ for orange, or caution.

RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

Warning

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

Loop ranges (such as ML, RL, MRL without simultaneous feature) are not suitable for DF and ADF operations. DF or ADF use should be restricted to simultaneous type of range stations and commercial broadcast stations.

RADIO — OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASTORIA(Clatsop)	323(KAPR)	MRLZ; 99°,6.9	3105,6210 (7-17) Oper by Port of Astoria.
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-DTV,150°,4.5	(4); 116.1 (ILS-W)
PORTLAND	332(PD)(vhf)	SBRAZ-DTV,171°,3.1	(3);116.1,122.1
REDMOND (Roberts)	368 (RG) (116.1)	SBRAZ-DTV;101°,4.3	(4);116.1
THE DALLES	230 (ND)(116.1)	SBRAZ-DTV,251°,2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3);142.74(8-sunset,later on req)
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland
WASHINGTON			
BELLINGHAM	209(JJ)(116.1)	SBRAZ-DTV,114°,2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
ELLENSBURG (Bowers)	385(EB)(vhf)	SBMRAZ-DTV,270°,2	(4);116,1,122,1
EVERETT (Paine)	224(MI)(vhf)	BMRLZ-DTV,330°,3.1	(4);116,1,122,1
HOBART FM	(- -)	FM, 88°, 15	Seattle
LA CENTER FM	(- - - -)	FM;331°,12	Portland, Oreg.
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-DTXV;296°,2.8	(3);116.1,122.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Int.)	239 (GL) (116.1)	BMRLZ-DTV,236°, 2.8	(4); 116.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74, 126.18)	CN(GCA);303°,3.3	(3);142.74,126.18. Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3) ;3155;142.74 (24 hrs advance notice)
WOODLAND FM	(. . -. - - -)	FM, 331°, 23	Portland, Ore.
YAKIMA	320(YA)(vhf)	BMRLZ-DTV	(3); 116.1, 122.1
Yakima Co. Airport	278 (118.5)	AC;267°,4.7	(4); 118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
MAHLON SWEET (L6)	109.9	333.8	159°	IM-		MM- ·-·- (0.63)	OM- -- (4.5)
						MMK-	OMK-

S-Simul Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OREGON

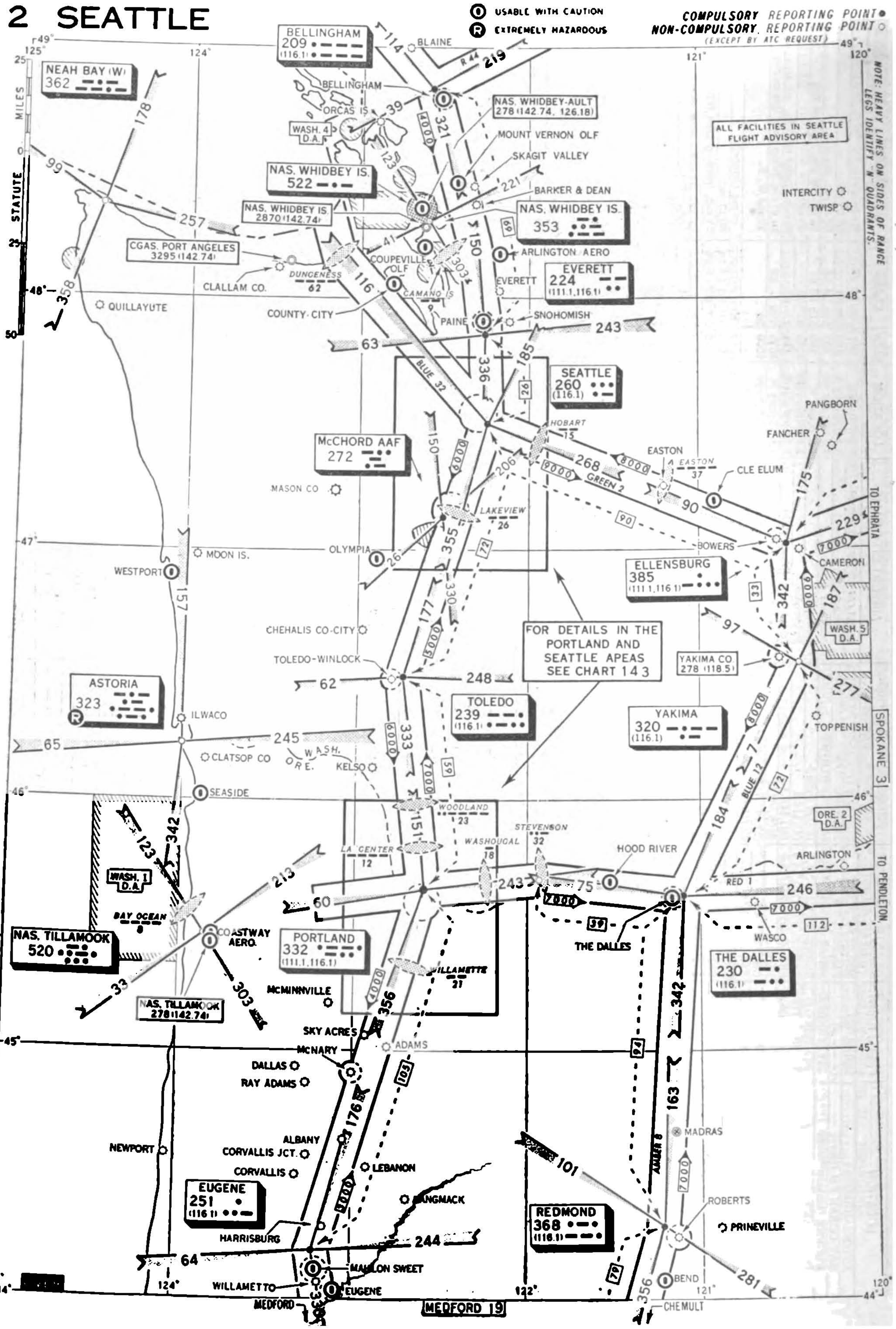
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	267	33 S4	80 oct.
Albany	2.5 NE;RR NW	235	26 S6	73,80 oct. Poles W, SW.
* Arlington Int, 12B, PD-SM	1.4 ENE;riv NW	872	50 L3	
Bend	5.5 ENE;hwy S	3429	40 S6	80,91 oct. Pwrline SE. Use strips.
Clatsop Co. (Astoria)	3.5 W;riv E	10	57h R1	
➙ Coastway School of Aeronautics (Tillamook)	1.4 E	55	29 S6	80 oct. Ctn when wet.
(P) Corvallis	4.9 SSW;RR E	235	52h S6	80,91 oct.
Corvallis Junction	1.3 NNE;RR W	240	20 S6	80,91 oct. No sto.
Dallas	1.2 N;RR S	400	23 S1	80 oct. Poles WSW.
Eugene Airpark	1.6 SW;rd W	420	28 S6	80,91 oct.
Harrisburg	2 NNE;RR E,W	300	25 S1	80 oct.
Hood River	2.5 S;riv E	605	19 S1	80 oct
Langmack (Sweet Home)	2 E;hwy N	550	24	80 oct. Poles W.
Lebanon	1.3 SW; RR E	340	21 S4	80 oct.
(A) Madras (A)	2 NNW;RR SE	2420	74h	CLOSED.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IIII) NC-(not charted). ➙ NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
MAHLON SWEET (Eugene)	8 NW;RR NE	365	52h R3 L6	No tower.
McMinnville	3.1 ESE;hwy W	156	50h S4	80,91 oct.
(P) McNARY (Salem)	2.2 SSE;RR SW	207	55h L5 S6	80,91 oct. No sto.
(P) Newport	4 S;ocean W	160	51h L5 S4	80 oct. No sto. Lgts on req.
Prineville	2.9 SW;hwy SW	3240	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW;RR E	195	23 S1	80 oct. Cattle on fld.
(P) Roberts (Redmond)	1.5 SE;hwy N	3075	70h L S6	80,91 oct. Temp rnwy lgts on req.
Santiam Junction Flight Strip (Idanha) (NC)	21.5 SSE;hwys N	4000	30	Trees W, E.
Sky Haven (Brooks)	See Sky Acres under "New Airports" - name changed.			
(P) The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N) Tillamook NAS (N)	3 SE;riv N	35	50h R2 L5 S4	91 oct. Used by LTA,HTA.
Vernonia (NC)	2.4 WSW;riv S	620	29	
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willametto Arpk. (Eugene)	4.8 W	420	25 S1	80 oct.
WASHINGTON				
(N) Arlington Aero. School	3 SW;hwy W	129	50h L5 S6	91-100 oct. Rnwy lgts prior req.
Barker & Dean (Mt. Vernon)	2.2 S;RR,riv W	4	20 S4	73,80 oct. Trees NW. ARPT OF ENTRY
(P) BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S4	80,91,100 oct. Fld lgts prior req.
➙ Blaine	0.5 E;RR W	15	15 S1	80 oct. P-line SSE. Ctn when wet.
(P) Bowers (Ellensburg)	2.5 NE;hwy S	1767	59h R1 L5 S6	80,91 oct. Ctc lgts prior req.
Cameron (Kittitas)	0.5 N;RR S	1650	26 S2	80 oct.
(P) Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct. No sto.
➙ Clallam Co. (Port Angeles)	3.2 WNW	290	52h S6	80 oct.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
➙ County-City (Port Townsend)	5 SSW;hwy ESE	110	33 S6	80,91 oct. P-line WNW. Trees ESE.
(N) Coupeville OLF (N)	2 SE	193	54h	CLOSED. ARPT OF ENTRY
* Easton Int,5B,SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
➙ Everett	3.5 NNE;riv N	15	21 S2	80 oct. P-line W. Ctn winter.
(P) Fancher (Wenatchee)	2.5 NE;riv W	1440	33h L3 S6	80 oct. Fld lgts prior req.
➙ Forks (NC)	1 SW;rd S	286	23 S1	80 oct. Trees ENE,WSW, HAZARDOUS
Goldendale (NC)	0.6 SE;RR W	1600	20	Pole line E,SE. Ditch center. HAZ-
➙ Ilwaco	1.5 ENE;Bay S	8	20 S2	80 oct. ARDOUS.
Intercity, USFS (Winthrop)	4 SSE;riv SW	1650	32 S1	80,91 oct. Mtns SE.
Kelso, 61A, SF-SA	1.4 S;RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE,SSW.
(P) Moon Island (Aberdeen)	6 W;harb N,S	14	50h L5 S6	80, 91 oct.
(N) Mount Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S;hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound)	0.7 N;hwy E	25	24 S2	80,91 oct.
(P) Paine (Everett)	6.5 SW;hwy NE	598	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3 ESE;hwy S	1246	46h L5	Contact lgts prior req.
Pasayten, USFS (Winthrop) (NC)	38 NW;riv E	4250	28	Use in emerg. only. Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91,100 oct. Lgts prior req.
Quillayute	0.7 NNW;	195	50h	8 mi. W of Forks.
(N) Shelton NAAS (N)	See Mason County Arpt under "New Arpts" - name changed.			
Skagit Valley Air Svc. (Burlington)	0.7 S;RR E	35	20 S1	80 oct. Stack N.
Snohomish	0.9 SW;RR N	16	30h S6	80,91 oct. Rnwy data unver. Poles ESE.
Snoqualmie Pass (North Bend)	3.5 ESE;hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo-Winlock Int, 63B, SF-SA	3 NE;hwy W	371	51h R1 L3 S2	80, 91 oct.
Toppenish	3.2 SSW;hwy E	835	32 S5	80 oct.
Twisp	1.9 SE;riv S	1620	19 S1	80 oct. Hills NNW.
➙ Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct. P-lines NW. Ctn.
(N) Whidbey Island NAS (N)	3 NW Oak Harbor	17	70h R2 (L6) S2	91, 100 oct.
➙ YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	80,91,100 oct. Pole line S.
NEW AIRPORTS				
Sky Acres (Brooks, Ore.)	1.6 NE;RR W	180	20 S1	Ltd 80 oct.
Seaside (Oregon)	1.5 NE;RR W	6	17 S4	80 oct. No sto.
➙ Marysville Bay Meadows Arpk (Marysville, Wash.)				Very dangerous appchs.
➙ Elma (Wash.)	0.8 S;rd W,riv S	60	26	P-line W.
➙ Summit (Montesano, Wash.)	2.9 W;hwy S	190	22 S1	80 oct.
➙ Mossyrock (Wash.)	1 W;hwy SW	613	19 S1	80,91 oct.
➙ (N) Mason Co. (Wash.)	2.5 NW;hwy END	278	52h L S6	Twr NW. No Navy facs. Lgt pri[illegible]

2 SEATTLE


USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA
MILES
STATUTE
BELLINGHAM 209 (116.1)
NEAH BAY (W) 362
NAS. WHIDBEY-AULT 278 (142.74, 126.18)
NAS. WHIDBEY IS. 522
NAS. WHIDBEY IS. 2870 (142.74)
NAS. WHIDBEY IS. 353
CGAS. PORT ANGELES 3295 (142.74)
EVERETT 224 (111.1, 116.1)
SEATTLE 260 (116.1)
McCHORD AAF 272
ELLENSBURG 385 (111.1, 116.1)
ASTORIA 323
TOLEDO 239 (116.1)
YAKIMA 320 (116.1)
NAS. TILLAMOOK 520
PORTLAND 332 (111.1, 116.1)
REDMOND 368 (116.1)
EUGENE 251 (116.1)
THE DALLES 230 (116.1)
MEDFORD 19
BLAINE
BELLINGHAM
ORCAS IS
WASH. 4 D.A.
MOUNT VERNON OLF
SKAGIT VALLEY
BARKER & DEAN
INTERCITY
TWISP
ARLINGTON AERO
EVERETT
COUPEVILLE OLF
CAMANO IS
DUNGENESS 62
CLALLAM CO.
COUNTY-CITY
QUILLAYUTE
PAINE
SNOHOMISH
HOBART 15
EASTON
EASTON 37
CLE ELUM
PANGBORN
FANCHER
MASON CO
LAKEVIEW 26
OLYMPIA
MOON IS.
WESTPORT
BOWERS
CAMERON
CHEHALIS CO-CITY
TOLEDO-WINLOCK
FOR DETAILS IN THE PORTLAND AND SEATTLE APEAS SEE CHART 143
YAKIMA CO 278 (118.5)
WASH. 5 D.A.
TOPPENISH
ILWACO
CLATSOP CO
WASH.
ORE.
KELSO
SEASIDE
WOODLAND 23
LA CENTER 12
WASHOUGAL 18
STEVENSON 32
HOOD RIVER
ARLINGTON
ORE. 2 D.A.
WASH. 1 D.A.
BAY OCEAN
COASTWAY AERO
NAS. TILLAMOOK 278 (142.74)
McMINNVILLE
WILLAMETTE 21
SKY ACRES
ADAMS
McNARY
DALLAS
RAY ADAMS
NEWPORT
ALBANY
CORVALLIS JCT.
CORVALLIS
LEBANON
HARRISBURG
MAHLON SWEET
WILLAMETTE
EUGENE
MADRAS
ROBERTS
PRINEVILLE
BEND
CHEMULT
THE DALLES
WASCO
RED 1
TO EPHRATA
SPOKANE 3
TO PENDLETON
125°
124°
122°
121°
120°
49°
48°
47°
46°
45°
44°

SPOKANE 3

● COMPULSORY REPORTING POINT
c NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R EXTREMELY HAZARDOUS
U USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

DOROTHY SCOTT
TONASKET
OKANOGAN No 1
OKANOGAN LEGION
COLVILLE
NEWPORT
HAFER'S
DEER PARK
SPOKANE 365 (111.1 116.1)
COEUR D'ALENE 347 (116.1)
SANDPOINT
LIBBY
EUREKA
ANDERSON
CALKINS AIR TERMINAL
CHELAN
EPHRATA 269 (111.1 116.1)
DAVENPORT
WILBUR
COULEE CITY
SPOKANE AAF 245 (126.1)
FELTS 278 (118.5)
COEUR D'ALENE AIR TERMINAL
THOMPSON FALLS
EPHRATA
HARRINGTON
SAVAGE
GEIGER AAF
SPRAGUE
LEMEN
WEEKS
KELLOGG
ROSALIA
ST MARIES
MOSES LAKE AAF
RITZVILLE
TEKOA FLY CLUB
MULLAN PASS 206 (116.1)
LIND
LA CROSSE
WASHTUCNA
CONNELL
WASH 9 D.A
WASH 8 D.A
PULLMAN-MOSCOW REGIONAL
ASOTIN CO.
OROFINO
TOUCHET VALLEY
WALLA WALLA 212 (116.1)
LEWISTON
SUNNYSIDE
NAS. PASCO
RICHLAND
PROSSER
CRAIGMONT
KAMIAH
MARTIN
VISTA
TWIN CITY
WALLA WALLA AAF 396 126.1
SKY RANCH
WASH.
ORE.
IDAHO CO.
PENDLETON 276 (118.7)
OREGON SKY RANCH
HERMISTON
BOARDMAN
CABBAGE HILL
PENDLETON AWYS SER.
ENTERPRISE
JOSEPH
LEXINGTON
PENDLETON 341 (111.1 116.1)
LA GRANDE 329 (116.1)
LA GRANDE
LA GRANDE
ORE. IDAHO
McCALL
BAKER 221 (111.1 116.1)
BAKER
JOHN DAY
CASCADE
WEISER
On request
ONTARIO 305
PAYETTE
ONTARIO
BOISE 350
ELKO 22
SEATTLE 2
TO ELLENSBURG
TO THE DALLES
TO SUPERIOR
GREAT FALLS 6
GREAT FALLS SEATTLE
SEATTLE SALT LAKE CITY
STATUTE MILES

[redacted] IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COEUR D'ALENE (Air Term.)	347(KO)(116.1)	BMRLZ-DTV;321°,5.2	(4);116.1
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
MONTANA			
MULLAN PASS	206(MN)(116.1)	BMRLZ-DTV	(4);116.1
OREGON			
BAKER	221(BK)(vhf)	SBRAZ-DTV;116°,1.8	(4);116.1,122.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE	329(LG)(116.1)	MHTV	(4);116.1
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
ONTARIO	305(OO)	MH	(4)
PENDLETON	341(PO)(vhf)	SBRAZ-DTV	(3):116.1 122.1
Pendleton Field	278 (118.7)	C; 247°, 2.3	(4):122.5,118.7
WASHINGTON			
EPHRATA	269(EP)(vhf)	BMRLZ-DTV;336°,3.9	(4):116.1,122.1
FELTS (Spokane)	278 (118.5)	AC;331°,1.2	(4);118.5,126.18,122.5
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
SPOKANE (Felts)	365(SM)(vhf)	SBRAZ-DTV	(3);116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-DTV	(4):116.1
Walla Walla AAF	396(126.18)	CA ;182°,3.8	(4);126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. -+- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cascade	1 E; rd N	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3700	23	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	21	Maintained May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;rd W	3295	44 S2	80 oct.20' pole line W.
Kamiah	0.6 SE;RR E	1194	28	Rough. Trees NNW.
★ Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	73 oct. 10' dike W.
Landmark, USFS (Knox) (NC)	7.7 ESE	6680	15	Maintained June to Nov.
(P) Lewiston	2 S;riv NW	1426	50h L1	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S4	80 oct. Trees W.
Orofino	1.3 W,riv NE	1000	24 S1	80 oct.1000' mtns WNW, ENE.
→ Payette	2 NE;RR W	2200	35 S6	Road crosses fld SE. No sto.
Priest River (NC)	0.9 NNW,RR S	2165	21	Trees E; hill W.
St. Maries	1.2 NW,hwy S	2132	23	
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S,riv W	2120	34 S6	80 oct.

MONTANA

Eureka	2.7 NNW,RR N	2680	27	80 oct.
Libby, USFS	1 NE;riv S,E,W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.

OREGON

(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE,riv N	635	23 S1	80 oct.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE,RR SW	2713	47h R1 L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR S	1492	63h R2 L5 S6	80 oct for U.A.L.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
→ Pilot Rock	0.8 E,hwy N			ABANDONED.

WASHINGTON

Anderson (Pateros)	1.6 SSW;RR N	1100	16	Mtns NW
Asotin County(Clarkston)	0.6 N	760	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv E	1250	34	Hills W,N,S.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1150	40 S1	73 oct. 2000' mtn S.
Ephrata	2 SE,hwy NW	1258	73h R1 S6	80 oct. ARMY TMP INACT.CIVIL FACS
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS
→ Hafer's Ranch (Chewelah)	3.6 SSW;RR E			ABANDONED.
* Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	24 S1	80 oct. Posts NE.
Okanogan Flight Strip (Omak)	4 N	1298	47h	
(N) Pasco NAS (N)	2.8 NNW,RR E	402	47h	INACTIVE.
(P) Prosser	1.4 NW;riv SE	685	40 S6	80,91 oct. Trees W.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;RR S	800	30 S1	80 oct. Pwr line WSW.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	31 S1	80 oct. Pwr line SSW.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct. Trees,poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
Vista (Kennewick)	4.5 W;rivs NW	516	35h L S6	80,91 oct. Emerg lgts on prior req.
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2 L5 S6	73,91,100 oct
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.

NEW AIRPORTS

Craigmont, (Idaho)	Adj NW;RR SW	3688	20 S2	80 oct.P-line E.
→ Manito Arpk(Spokane,Wash)	5 SSE	2450	21	P-line NE;trees SW Data unver

GREAT FALLS

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388(DZ)(vhf)	SBRAZ-DTV;332°,1.7	(4);116.1,122.1

MONTANA

ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL) (116.1)	SBMRAZ-DTV,319°,0.8	(4):116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4)·116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV) (116.1)	SBRAZ-DTV;327°,3.1	(4); 116.1
DILLON (Int.)	379(DE)(116.1)	BMRLZ-DTV;167°,2.0	(4);116.1
DRUMMOND (Int.)	296 (DR)(116.1)	SBMRAZ-DT,185°,1.3	(4):116.1
GREAT FALLS	317(GT)(116.1)	SBRAZ-DTV	(3):116.1
Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4);126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371(HL)(vhf)	SBMRAZ-DTV,252°,1.9	(4):116.1,122.1
Helena Airport	278(118.9)	C	(4);118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224(LT)(116.1)	SBMRAZ-DTV;247°,2	(4):116.1
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308(MX)(vhf)	SMRAZ-DTV; 120°, 1.5	(4);116.1,122.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254(SP)(116.1)	BMRLZ-DTV;275°,0.1	(4):116.1
WHITEHALL (Int.)	284(WW)(116.1)	SBRAZ-DTV;183°,2.3	(4);116.1
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
				MMK-		OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs(NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	80 oct.
Dubois, 23,S1-GT	0.8 SSE	5123	48 R1 L3	30' pole W.
→ Flying R (Lake)	2.8 SE;hwys SE,E	6630	34	
Moose Creek,USFS (Red Riv,Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to Public
→ Salmon	4 S;riv W	4045	40 S1	80 oct,Mtns NE.

MONTANA

Basin Creek (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4650	22	Closed to public
Black Bear (Flathead Nat'l Forest)(NC)	26 SE Swan Lake.	4200	22	Closed to public
→ Bob Gordon (Cascade)	0.9 W;RR E	3480	25 S1	(NC) 80 oct.Rough
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S4	80,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;RR W	3810	39 S4	80 oct.
Condon (Flathead Nat'l Forest)(NC)	19 E of Ronan	3690	27	
Conrad	1.1 W; creek S	3530	32 S1	80 oct.
(P) CUT BANK	3 SW;riv 1 E	3900	87h R1 L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6114‡	70h L2	
★ Dillon Int,32, SL-GT	4.6 ENE;riv 2 W	5238	38 R1 L3 S1	80 oct.

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int.44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2960'	47h L2 S1	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR SE	2870	27	Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80-100 oct.
Gates Park,USFS(NC)	35 W Choteau	5400	26	Sur by mtns.Closed to public
→ Geraldine Mun.	0.5 S;RR NE	3200	17 S1	Ltd 73 oct. Rough
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW;hwy S	3669	70h R2 L5 S6	80,91 oct.ARPT.OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3485	89h R1 L5 S6	73.91.100 oct.JP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3186	38 L4 S6	80,91 oct. All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.Pole line S, Rnwy data unver
(P) HELENA	2.5 ENE;hwy W	3882	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public
Hot Springs (NC)	2.2 E;hwy W	2800	27	
→ Kalispell	1 S;hwy E	2900	34 S4	80 oct.W,NW blkd.
→ Livingston	6 ENE;RR N,W	4656	62 S2	80 oct.
★ " Int,10,HL-Twin Cities	2 E;RR N	4603	40 R1 L3 S2	80 oct.Poles S.
Meadow Creek (Flathead Nat'l Forest)	21 ESE Swan Lake	4000	22	(NC)
(P) MISSOULA COUNTY	5.3 WNW;RR N	3200	71h R1 L5 S4	80,100 oct. No flood lgts.
Plains	1.3 NNW; RR NE	2465'	32 S4	80 oct.No sto.30' Poles NW,NE.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only. Nov. thru April.
Rainbow Skyport (Gregson)	0.7 N;RR E,S	5030	40 S1	80 oct.
Schafer (Flathead Nat'l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.
Seeley Lake (NC)	4 WNW	4150	20	Trees NW.
Sheridan	0.6 SE	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat'l Forest)(NC)	14 ENE Swan Lake	3800	22	
→ Stevensville	2 ENE;riv 2 W	3620	30 S1	80 oct.
★ Superior Int,36B,SA-HL	1 S; RR S,riv NE	2700	35 R1 L2 S1	80 oct.Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L2 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38 S1	80 oct.
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
(P) West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.

NEW AIRPORTS

Gardiner, Mont.	1 NNW;RR S	6200	22	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII)(NC)-Not charted. → NEW OR REVISED DATA

6 GREAT FALLS

(R) EXTREMELY HAZARDOUS (I) : USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'A' QUADRANTS.

QUARTER CIRCLE MC RANCH
CUT BANK 263
LETHBRIDGE
147
76
228
CUT BANK (I)
TOOLE CO.
CHESTER
FLATHEAD CO.
KALISPELL
AMBER 2
309
CONRAD
VALIER
6000
130
7000
CHOTEAU
FORT BENTON
GREAT FALLS MUN. 278(118.7,126.18)
GERALDINE
TANNER
GREAT FALLS 317
GREAT FALLS AAF 219(126.18)
CASCADE
STANFORD
BELT
266
90
A 2
A 3
POLSON
MISSOULA 308
PLAINS
SUPERIOR
MISSOULA CO.
ALBERTON
185
154
95
275
10000
107
RED 48
276
HELENA 371
HELENA 278 118.9
MCDONALD PASS
CRAIG
GEYSER
SUPERIOR 254
HALE
252
72
WINSTON
WHITE SULPHUR SPRINGS
STEVENSVILLE
DRUMMOND
DRUMMOND 296
334
DEER LODGE
358
TOWNSEND
280
LIVINGSTON 224
HAMILTON
99
BUTTE
HOMESTAKE
RAINBOW
279
WHITETAIL
GALLATIN
133
RED 48
BUTTE 233
256
78
WHITEHALL
247
GREEN 2
WHITEHALL 284
DILLON 379
SHERIDAN
TWIN BRIDGES
BOZEMAN 329
319
313
LIVINGSTON
GARDINER
MONT.
WYO.
MONT.
IDAHO
77
257
329
152
AMBER 2
DELL
CHALLIS
FLYING "R"
WEST YELLOWSTONE
DUBOIS 388
DUBOIS
IDAHO
WYO.
73
253
332
IDAHO FALLS
SALT LAKE CITY
SALMON
DILLON
GREAT FALLS
SALT LAKE CITY
TO MISSOULA
TO BILLINGS
SPOKANE 3
LEWISTOWN 363
BILLINGS 7

OVER

BILLINGS 7

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.

49° 110° 109° 108° 107° 106° 105° 25

STATUTE MILES 0 25 50

GREAT FALLS 6

BISMARCK 10

TO GREAT FALLS

TO DICKINSON

TO WRIGHT

MINNEAPOLIS GREAT FALLS

GREAT FALLS SALT LAKE CITY

LIVINGSTON 224

MONT. WYO.

SCOBEY
CHINOOK
HAVRE CITY-CO.
HARLEM
MALTA AIRPK.
ETCHART
VALLEY CO.
GUSTAFSON
ANDERSON
WOLF POINT
FORT PECK
VINE
CIRCLE
JORDAN
DENTON
LEWISTOWN
FOREST GROVE
MOORE
ROUNDUP
HARLOWTON
LAVINA
CUSTER
HIBBE
RAPELJE
BIG TIMBER
COLUMBUS
PARK CITY
BILLINGS
ZELKA
BIG HORN CO.
MILES CITY
MILDRED
FORSYTH
GREEN 3
LEWISTOWN 353 (116.1)
BILLINGS 400 (116.1)
CUSTER (W) 215
BILLINGS 278 (118.7)
MILES CITY 320 (116.1)
SHERIDAN 239 (116.1)
RED LODGE
POWELL
COWLEY-LOVELL-BYRON
SHERIDAN CO.
SHERIDAN
UCROSS
CODY
GREYBULL
BASIN
BUFFALO
GILLETTE MUN.
GILLETTE ARPK.
BONES BROS. RANCH
ST. XAVIER
DENVER
CASPER 269
ROCK SPRINGS 26

197 90 17 270 146 145 142 326 60 240 50 229 67 247 297 118 208 28 238 298 159

RADIO — MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER.. REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-DTXV	(3);116.1
Billings Airport	278 (118.7)	AC(ILS-W);247°,1.3	(4);118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ;230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-DTV,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-DTV,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings

WYOMING

SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1)	SBRAZ-DTV;298°, 1.8	(4);116.1,122.1
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS	110.3	335	253°	IM-	MM- ·-·-(0.6)	OM- --(4.3)
					MMK-	OMK- ·-·-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Columns Indicate VHF Voice +- Army A.C.S. transmits on and guards 118.1, 137.85, 140.58 mcs

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Big Horn Co.(Hardin)	2.3 ESE,riv W	3000	31 S1	(NC) 80 oct.
★ Bigtimber Int,13A, HL-Twin Cities	2.5 SSW,hwy N	4450	43 L3	
(P) BILLINGS	2.5 NW,RR S	3612	57h R3 L6 S6	80,91,100 oct.
(P) Bones Bros.Ranch (Birney)	2 ESE,crk W	3500	29 S2	No fuel. ROUGH
(P) Chinook	2.8 NNE,rd W	2480	42	
Circle	1.3 E,RR N	2400	21 S1	80 oct.
(P) Columbus	1 ESE,RR N	3575	50 S1	80 oct.Poles W,E,NW.
★ Custer Int,25,HL-Twin Cities	2.3 E;hwy N	2868	44 L3	Poles NNW.
Denton	2.2 SSW;hwy S	3850	26 S2	73 oct.
Etchart(Tampico)	0.5 NNW,RR S	2100	29 S2	80 oct.Trees SE.
Forsythe, 30 HL-Twin Cities	3 ENE;hwys S	2722	30 L3 S1	73 oct.Allway fld.
Fort Peck	1.6 W,hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW,RR S	2040	26 S6	80 oct.Poleline E.
Harlem	2.3 NNE,RR E	2560	24 S2	80 oct.
(P) Harlowton	2 WNW,riv S	4400	29 S2	73 oct.

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Havre-City-County	4 WSW,lake E	2589	48h S4	80 oct.ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW,RR N	2950	24	
(P) Jordan	1.8 WNW,rd S	2637	40 S1	80 oct. Road W.
★ Lavina Int,44B, CX-GT	1 WNW,RR S	3496	49 L3	lgts on req.
(P) LEWISTOWN	2.5 SW,RRNW	4177	100h R1 L5S4	80,91 oct.No flood lgts.Rnwy
(P) Malta Airpark	0.8 SW,RR N	2270	31 S4	80 oct.Shrubs NW.No sto.
★ Mildred Int,38, HL-Twin Cities	3.4 WSW,rd E	2535	37 L6	No rnwy,bndry,obst lgts
(P) MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N,RR S	1970	28	
(P) Rapelje	1 SE;lk NE	4030	38	
(P) Red Lodge	0.5 WNW	5600	29	ROUGH. Road N.
(P) Roundup	1.9 N;hwy W	3500	37 S2	80 oct.Rough.
★ St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W
(P) Scobey	1 NW,RR S	2458	34 S1	80 oct.
(P) Valley County (Glasgow)	1.8 NNE,RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S,hwy W	2350	27 S1	80 oct.
(P) Wolf Point	3 E,riv S	1980	35 S2	80, 91 oct.
Zelka(Hardin)	2 W,hwy N	3002	18	

WYOMING

Basin	2.5 NE,riv E	3775	32	Hills S.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	73 oct.
Cody	2 ESE;hwy S	5084	50 S6	80,91 oct. P-line S.
Cowley-Lovell-Byron (Cowley)	2 NNE,rd NW	4050	32	
(P) Gillette	5.2 NNW	4380	36 S4	80 oct.Hwy E.
(P) Grey Bull	2 NW,hwy S	3900	71 S4	73,91 oct.Hill NW
(P) Powell	8 NNW	5054	42	Storage,P-line N,NE.
(P) SHERIDAN COUNTY (Sheridan)	2 SSW,creek N	3961	61h R1 L5 S6	80,91 oct.

NEW AIRPORTS

Gillette Arpk.(Wyo.)	1.7 ESE,RR N	4650	25 S4	80 oct.Poles NW.
Moore, (Mont.)	0.5 E;RR NNW	4100	19 S2	80 oct.
Lovell (Wyo)	1 SE;hwy W	3850	26 S1	80 oct.
Meeteetse (Wyo)	3.4 SW;riv N	5950	36	P-line SW
Bridger (Mont)	0.3 W;RR S	3675	30 S2	80 oct S blkd Poles N

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

RADIO

NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-DTV,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-DTV,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O Minot)	209 (UI)	BMRLZ-DT,301°, 3.4	(4)

SOUTH DAKOTA

PHILIP (Int,)	206(IL)(116.1)	MHTV	(4);116.1,122.1
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1,122.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-DTV	(4);116.1
Rapid City AAB	396 (126.18)+	CA 345°,5.5	(4); 126.18
SPEARFISH (Black Hills Airport)			DECOMMISSIONED

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Baker	0.8 SSE;lk N	2990'	35 S2	80 oct.Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct.Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P) Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S2	73 oct.Poles ENE.
(P) BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct.No sto.
Bowman	1.5 W,RR N	3000	24 S2	80 oct.P-line N.
Chandler(Williston)	3 W,RR SE	1877	31 S6	80 oct. Bldg N.FEE.
(P) Crosby	1 N,RR SW	1962	32 S2	80 oct.
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

(See page A 1 1) NC (not [illegible]) → New or revised data.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct.Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S2	80 oct.Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S1	80 oct.Polelines S.
New England	3NE;hwy W	2666	24 S6	80 oct. P-line W
Parshall	1.2 S;hwy E	1970	22 S1	80 oct. P-line W
(P) Port O Minot(Minot)	1.6 NNE, hwy W	1723	58h R1 L S6	80,91 oct.Port rnwy lgts, Pwr line SW.
Rhame	1.5 SW,	3150	23 S1	80 oct. P-line S,SE,SW
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct.Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1905	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	80 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct.Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct.Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct.Data unver.
Wyman (Mott)	1 S,dam N		30 S1	80 oct.Data unver.

SOUTH DAKOTA

(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 S6	73, 91 oct.(Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct.Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct.Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct.Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct.No sto.Poleline N
PIERRE	3.5 NE,riv SE	1742	69h R1 S1	73 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3234	83h R2 L5 S4	73,91,100 oct.JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.

NEW AIRPORTS

Hettinger (N.D.)	1 NNW;RR S		28 S2	80 oct. Pole line N.Data unver.
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E.ARPT OF ENTRY
Bottineau, (N.D.)	1 N;RR W	1645	35 S1	80 oct.E,W,N,SE blkd.
Sherwood (N.D.)	2 N;hwy E	1650	26 S2	80 oct.Pole E.Use strips only.
Wright(Williston,N.D	3.2 N	1860	32 S6	80,91 oct.P-line S,W.Use
Harding Co.(Buffalo,S.D)	0.5 E;riv 0.5 S		21 S	Fuel from town strips only.
McIntosh (S.D.)	1.3 E;lk SW	2275	15 S1	80 oct.Use strips only
Universal(Bison,S.D)	0.8 N;bldg 0.5 SE	2600	24 S2	71 oct.Use strips only
Rebenberg (Selby,S.D.)	2 S;hwy W	1790	30 S2	80 oct.Use strips only.
Lemmon (S.D.)	3 SE;hwy 1 N	2518	26 S6	80 oct.Use strips only.P-line SW.

10 BISMARCK

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N. QUADRANTS.

105° 104° 103° 102° 101° 100° 49°

48° 47° 46° 44°

25 MILES 0 25 STATUTE 50

CROSBY
PORTAL
PLENTYWOOD
MORAL
BOTTINEAU
TOWNER
RUGBY
WRIGHT
CHANDLER
WILLISTON
PRINCETON
MILLER
SIDNEY
WATFORD CITY
ILO
WASHBURN
GLENDIVE
BEACH
CAMP CROSBY
MILES CITY
320
238
6000
GREEN 2
5000
183
100
NEW ENGLAND
BAKER
BEAME
BOWMAN
HETTINGER
MONT.
N.D.
S.D.
BILLINGS 7
MINNEAPOLIS
DENVER
MONT.
WYO.
BLACK HILLS
NEWELL
RUSHMORE
GERONIMO
HADLEY
HIGHLIGHT
122
66
RAPID CITY A/B
396 (126.1)
144
RED 31
246
PHILIP
286
(116.1)
PIERRE
347
(116.1)
CHART 27

121 211 31 301 167 158 101 100 347 256 80 247 133 165

MINOT 209 (116.1)
DICKINSON 308 (116.1)
BISMARCK 230 (116.1)
RAPID CITY 221 (116.1)

FARGO II
TO JAMESTOWN
HURON

FARGO

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 4 QUADRANTS.

49° 100° 99° 98° 97° 96° 95°

N.D. MINN.

ROLLA
LANGDON
CANDO
DEVILS LAKE
BELL
MADDOCK
HARVEY
NEW ROCKFORD
MOHR
MATHENY
PEMBINA
ROSEAU
GRAND FORKS
THIEF RIVER FALLS
CROOKSTON
ERSKINE-GUNTHER
TWIN VALLEY
JAMESTOWN
VALLEY CITY
WEST FARGO
DAWSON
BISMARCK
WHEATLAND
LISBON
ABERCROMBIE
HOMESTEAD
STATE SCHOOL OF SCIENCE
FERGUS FALLS
PARK RAPIDS
DETROIT LAKES
BARNESVILLE
WADENA
ASHLEY
ALEXANDRIA
BRITTON
SISSETON
GRACEVILLE
MORRIS
GLENWOOD
ABERDEEN
ORTONVILLE
MILBANK
APPLETON
BENSON
WILLMAR
WATERTOWN
MADISON
MONTEVIDEO
REDWOOD FALLS
MARSHALL
LAKE BENTON
BROOKINGS
WESTBROOK
SMITTY SKY RANCH
FLANDREAU
SIOUX FALLS
BIEDENFELT
MILLER
W. W. HOWES
HOEVER-KANNEGIETER
CARTHAGE

PEMBINA 260
ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA
GRAND FORKS 278
JAMESTOWN 344 (116.1)
FARGO 365 (116.1)
FARGO 388 (118.7)
BISMARCK 230
ASHLEY (W) 206
ABERDEEN 329 (116.1)
WATERTOWN 382 (116.1)
ALEXANDRIA 239 (116.1)
WILLMAR 254 (116.1)
HURON 353 (111.1, 116.1)
PIERRE 347
SIOUX FALLS 245

BISMARCK 10
MINNEAPOLIS 14
MINNEAPOLIS 177

CHART 28

[redacted]

LOCATION	FREQ. IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
MINNESOTA			
ALEXANDRIA	239(AE)(116.1)	BMLZ-DTV,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
WILLMAR	254(IW)(116.1)	SBMRAZ-DTV,357°,3.5	(4); 116.1
NORTH DAKOTA			
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-DTV	(3); 116.1
Fargo-Hector Arpt	388(118.7)	C, 260°, 0.9	(4);118.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)116.1)	SBMRAZ-DTV,253°,1.5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5.5	Fargo.
WHEATLAND FM	(. . - - -)	FM, 260°, 25.5	Fargo.
SOUTH DAKOTA			
→ ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1,122.1
HURON (W.W.Howes	353(HR)(vhf)	BMLZ-DTV,44°,2.7	(4);116.1,122.1
WATERTOWN	382 (WU)(116.1)	BMLZ-DTV,256°,2.8	(4):116.1,122.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
MINNESOTA				
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80,91 oct.No sto.Fld lgts on req.
Appleton	1.9 NNE,riv S	1010	34 S6	80 oct.No sto.
Benson	2.4 NW	1031	22 S2	80 oct. P-line S,SE,SW
Crookston	3 NNW,RR N	875	30 S6	80 oct.No sto.Obst
Detroit Lakes	2.7 W,RR N	1392	35 S6	80 oct.No sto. sur fld.
Fergus Falls	4.3 W;riv E	1160	20 S6	80 oct.Poleline W
Graceville	0.8 WNW,RR S	1110	18 S1	80 oct.P-line S.
Madison	1 S, hwy W	1086	31 L3 S6	80 oct. P-line N,S,W.
(P) Marshall	1.5 W;RR S,E	1167	30 S6	80 oct.P-line S.
Montevideo	2.2 NNE;hwy W	950	25 S1	80,91 oct.P-line NW.
(P) Morris	2.7 WSW,RR N	1134	31 S6	80 oct.P-line NE
Ortonville	1 ESE,hwy S	1090	30 S1	80,91 oct.P-line SE.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct.
Redwood Falls	1.8 NE,riv NE	1025	25 S1	80 oct.Poleline SE,SW.
Thief River Falls	3.6 S, riv W	1110	25 S2	80 oct. Trees NW
Wadena	1 E,RR NW	1300	30 S4	80 oct.No sto.P-line S,NW
Westbrook	1 SE,hwy N	1500	18 S1	80 oct.
Willmar,16,HR-MP	1.5 W,RR E	1130	30 R1 L3 S6	80 oct.P-line E.
NORTH DAKOTA				
Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.
NEW AIRPORTS				
→ Oldham (S.D.)	1 ESE	1668	25	Use strips only.Poles N.
→ Gettsburg (S.D.) (S.D)	1.5 S;dams 1 S,W	2082	27 S4	80oct.Use strips Poles S,W
→ Lake Poinsett(Arlington)	4.3 ESE;lk,hwy E	1680	22 S2	80oct.Use strips Poles SE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NORTH DAKOTA				
★ Ashley Int,40,OH-RK	1 SE,hwy N	2026	40 L3	
Cando	1.1 SW,RR E	1490	28 S4	80 oct. No sto.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	P-line W.
(P) Devils Lake	2.5 W,hwy S	1450	46h L S6	80,91 oct.Port lgts on req
(NG)FARGO-HECTOR → (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91 oct;100 oct,JP-1 (S4) N.G. Army.
(P) GRAND FORKS	2.6 WNW,RR S,E	837	49h R1 L5 S6	80,91 oct.ARPT OF ENTRY.
Harvey	1.9 N,RR SW	1605	27 S1	80 oct.
Homestead(Wyndmere)	6.2 N,hwy W	1100	16 S1	80 oct.Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	24 S1	80 oct.P-line N,NW
Lisbon	0.8 SSW,RR SE	1151	21 S1	73 oct.Polelines N,S.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S6	80 oct.No sto.Poles NE,NW
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct. W,SW,NW
New Rockford	1.5 N, RRW	1533	32 S6	80 oct.No sto.P-lines E,
★ Pembina Int,14,FO-WG	1 S;RR W	792	28 R1 L3 S4	80,91 oct. ARPT. OF ENTRY.
Rolla	0.7 N,lake S		21 S2	80 oct.Data unver.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct.Poleline N;pwrline E.
(P) Valley City, 71,HL-Twin Cities	1.5 NW,riv NE	1375	38h L1	
SOUTH DAKOTA				
(P) Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct.
Bledenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct.Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
→ Eureka (NC)	6 N, rd W			ABANDONED
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct.Poles sur fld.
Hofer-Kannegieter (Willow Lake)	1.5 E	1787	22	Poleline N.Use strips only.
Madison	3.7 ENE,hwyS	1688	26 S2	80 oct.Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
→ Webster	3 S;hwy W	1848	26	Poles NE,W,NW Use ctn
(P) W.W.HOWES(Huron)	1.3 NNW	1287	48h R1 L3 S6	73,80,91 oct.
NEW AIRPORTS				
Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct..Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct Pwr line SE,NNE.
Britton Mun.,(S.D.)	2 NNE;RR W	1350	24 S1	73 oct.Poles W.
Twin Valley Farm	1 W	1050	24 S1	80 oct. (Minn.)
Maddock, (N.D.)	1 N;hwy W	1650	23	Rough.
Roseau (Minn.)	1.6 NW;hwy S	1040	35 S1	80 oct.Pwr line N,W,NW.
Lake Benton, (Minn.)	7 NNW	1759	20 S1	80 oct.
Glenwood, (Minn.)	3.2 E;hwy N	1400	26 S1	80 oct.Allway fld.N,NE,
Smitty Sky Ranch,	6.5 NNW	1817	22 S1	73 oct. (Minn.) NW blkd.
Bell (Devils Lake,N.D	2 SSE;	1478	30 S6	80 oct.
Erskine-Gunther	2 ENE;lake S	1150	23 S1	80oct.P-line ENE(Erskine,
→ Lake Preston (S.D.)	1.2 ENE;lk N	1725	18 S2	80oct.Stacks E Rough Poles

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII). NC-(not charted). → NEW OR REVISED DATA.

RADIO

MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DULUTH (Williamson-Johnson)	221 (DH)	SBRAZ-DT, 130, 3.9	(4)
HAMEL FM	(- - - -)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 118°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 238°, 26	Minneapolis
MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-DTV	(3);116.1
WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (118.3) +	AC(ILS):298°3.6	(4);122.5,126,18,118.3

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WOLD CHAMBERLAIN	109.9	333.8	354°	IM-	MM- ·-·- (0.76)	OM- -- (4.7)	
					MMK-201 ···	OMK-219 --	

S Simul Range and Voice, W Without Voice, Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116 1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet. Poles S.

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anderson (Cocato)	2.6 ENE, RR S	1020	23 S1	80 oct. Poles S; trees W.
→ Anoka Flying Service	1.2 SE	896	19 S6	73,91 oct. Poles NE; 629' twr SE.
Baudette	0.8 NW; riv N	1080	27 S4	80 oct. No sto. ARPT OF ENTRY
(P) Bemidji	3.8 NW; hwy S	1395	57h S6	80, 91 oct.
Brainerd	1.3 SSE, hwy W	1210	25 S6	80 oct.
(A) Camp Ripley (Little Falls)	7.5 N, riv E	1149	70	Water twrs SE. (A)
(P) Carleton (Stanton)	0.7 NE, RR W	870	30 S6	80 oct. Flares on req. Obst sur fld.
→ Cedar (Minneapolis)	8.5 S, RR W			ABANDONED
Coleraine	0.8 SSE; lake SE	1390	25 S4	80 oct.
Ely	1.2 E	1425	24	Trees sur fld. Not Maintained.
Faribault	1.6 S, hwy W	1060	20 S1	80 oct. Pwr line W.
(N) Fleming (South St. Paul)	1.8 S; riv NE	822	15h S6	80 oct. No sto. Flares on prior req. Rdo rprs.
Flying Cloud (Minneapolis)	13.8 SW, riv S	900	30 S6	80 oct. P-line S, NE.
Gervais (Tofte)	1.2 NE, hwy S	800	28 S5	80 oct.
→ Grand Rapids	1.5 SSE, lake NE	1293	25 S6	80 oct.
Hector	0.7 S, RR N	1100	25 S1	80 oct. Poleline W, NW, SW.
Heywood Gull Lake (Nisswa)	1.7 SSW, lake S	1200	18 S2	80,91 oct.
(P) Hibbing	4.5 SE	1367	40h L4 S6	80,91 oct. Lgts on req.
Kenyon	0.8 S; RR E, N	1240	20 S1	80 oct. Poleline N, NE.
(P) Lake City (Frontenac)	0.5 SE, RR N	775	44 L3 S6	80 oct.
Le Sueur	1.1 S, riv W	900	24 S4	80 oct. No sto. Rolling.
Litchfield	1.2 NE; hwy N, W	1140	24 S2	80 oct.
Littlefork	1.8 WNW, riv E	1153	19 S2	80 oct. Poleline S.
Mankato	1.7 SE, hwy W	996	33 L1 S6	80 oct. Pwrline E, NE.
(P) Monticello	See Hincks Arpt under "New Airports" - named changed.			
(P) New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
Northport (White Bear Lake)	3.2 E; lake W	1000	22 S6	80,91 oct.
Osseo	2 NE	875	30	Data not verified.
(P) Otis Lodge (Grand Rapids)	7.5 SW, lake S	1293	26 L1 S4	80 oct. Seaplane base S.
Pleasant Corners (Dodge Center)	2 ESE; RR N, W	1050	13 S1	80 oct. Poles S, W blocked.
→ Princeton	1 NNW; riv N	976	21 S4	80 oct. Trees N, W. Use strips only.
Robbinsdale	0.8 NW, RR E	879	14 S6	80 oct. Obsts N, S.
(NG) St. Paul	1.5 SE, riv E, N	704	55h L4 S6	80,91 oct. 100 oct. N.G.
St. Peter	2.4 NNW, riv E	900	20 S4	80 oct. No sto. P-line S
→ Sells Flying Field (Mayer)	0.4 SSE	750	12 S6	(NC) 80 oct. Hill N end. Ctn.
Taylor Falls	1.5 W; riv E	950	23 S6	80 oct.
→ University of Minnesota (New Brighton)	3.8 N, hwy W	909	34 S6	80 oct. Trees E. P-lines W, NW, SW, N.
Victory (Minneapolis)	9 N, riv E	860	39 S6	80,91 oct. P-line SW

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Virginia	2 WSW, bet RRs	1429	35 S4	80,91 oct. P-line N.
Waseca	0.5 S, RR NW	1150	39 S2	80 oct. Poleline N.
(P) Whitney Memorial (St. Cloud)	1.5 NNW; riv E, N	1034	35 L3 S6	73,80 oct.
(P) WILLIAMSON-JOHNSON (Duluth)	6.5 NNW, hwy S	1428	57h R1 S6	80,91 oct. Closed ngts. except airlines ARPT OF ENTRY
Winona	4.5 WNW	670	24 L3 S6	80 91 oct. Hwy NW.
(A,N) WOLD CHAMBERLAIN (Minneapolis)	6.5 SSE, hwy S	834	59h R3 L4 S6	80-100 oct. JP-1. Rdo rec required. N blkd. Ltd maint facs for mil acft.
→ Wyman (Aitkin)	1.3 N, riv S			ABANDOND Open to all acft.

[redacted]

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Amery	3.4 NNW; lk SW	1100	26 S6	80,91 oct. SE blocked.
→ Arrowhead (Rice Lake)	2 SSE; lake S	1190	24 S4	80 oct. Use landing strips only.
Ashland	2.5 SSE, RR E	700	19 S2	80 oct. Use strips only.
Boyceville	0.5 E; RR N	948	21 S2	80 oct. P-line W, N, NE. Use strips only
Boyd's Mason Lake (Fifield) (NC)	13 WSW, lake NW	1200	30 S1	80 oct. N, E, W blkd.
Chetek	1.5 SE, lake E	1050	22 S2	80 oct. P-line S, SE. Use strips only
Chippewa Falls	2 S, RR NW	910	26 S6	80 oct. P-line SW, W, NW, S blkd.
Colby-Abbotsford (Colby)	1.2 NNW, RR E	1400	26 S4	80 oct. P-line NNE. Rnwy data unver.
Dallas	0.7 SSE, RR W	1100	26 S2	80 oct. S blkd.
Eau Claire	1.5 SSE, hwy N.	884	31 S6	80,91 oct. Obsts sur fld.
(P) Eau Claire Municipal	3.5 NNE, riv NW	885	43h	Trees SW.
(P) Hayward	2 NE, RR NW	1200	30 S4	80,91 oct.
Hudson Flying Service	3.8 E, hwy N, W	850	18 S1	80 oct. P-line NE, SW. Use with caution.
Jackson Co. (Black River Falls)	2 E, RR W	855	28 S6	80 oct. P-line W, NW, S. W.
Marshfield	2.3 SSW, RR NE	1253	26 S6	80 oct. Flare pots in emerg.
Neilsville Memorial	5.7 W, hwy SW	1000	24 S1	80 oct. Trees around fld.
(P) Phillips	1.2 N, riv S	1140	30	Poleline W, SW
Pines (Bloomer)	0.9 E, RR W	1050	16 S2	80 oct. Poles S, W. Rough.
Price Lake (Phillips)	12.5 WNW	1140	22 S1	80,91 oct. Trees on all but lake appch.
Rice Lake	3.5 NNE, RR W	1150	37 S4	80 oct. Poles sur fld.
(P) Richard Bong (Superior)	2.3 S; RR E	674	33 S6	80 oct. Pole line SE. 353' twr NW.
Rusk County (Ladysmith)	2.8 SE, RR SE	1150	25 S2	80 oct. Use strips only.
(P) Schlosser (Durand)	2.4 NNW, riv W	800	32 S2	80 oct. P-line NE.
Spooner	5 N	1072	20 S1	80 oct. Data not verified.
Taylor County (Medford)	2 SE; riv NW	1400	21 L S1	80 oct. Pole line N; Flares on req.
→ Veterans (Menomonie)	0.4 W, riv W			ABANDONED.

NEW AIRPORTS

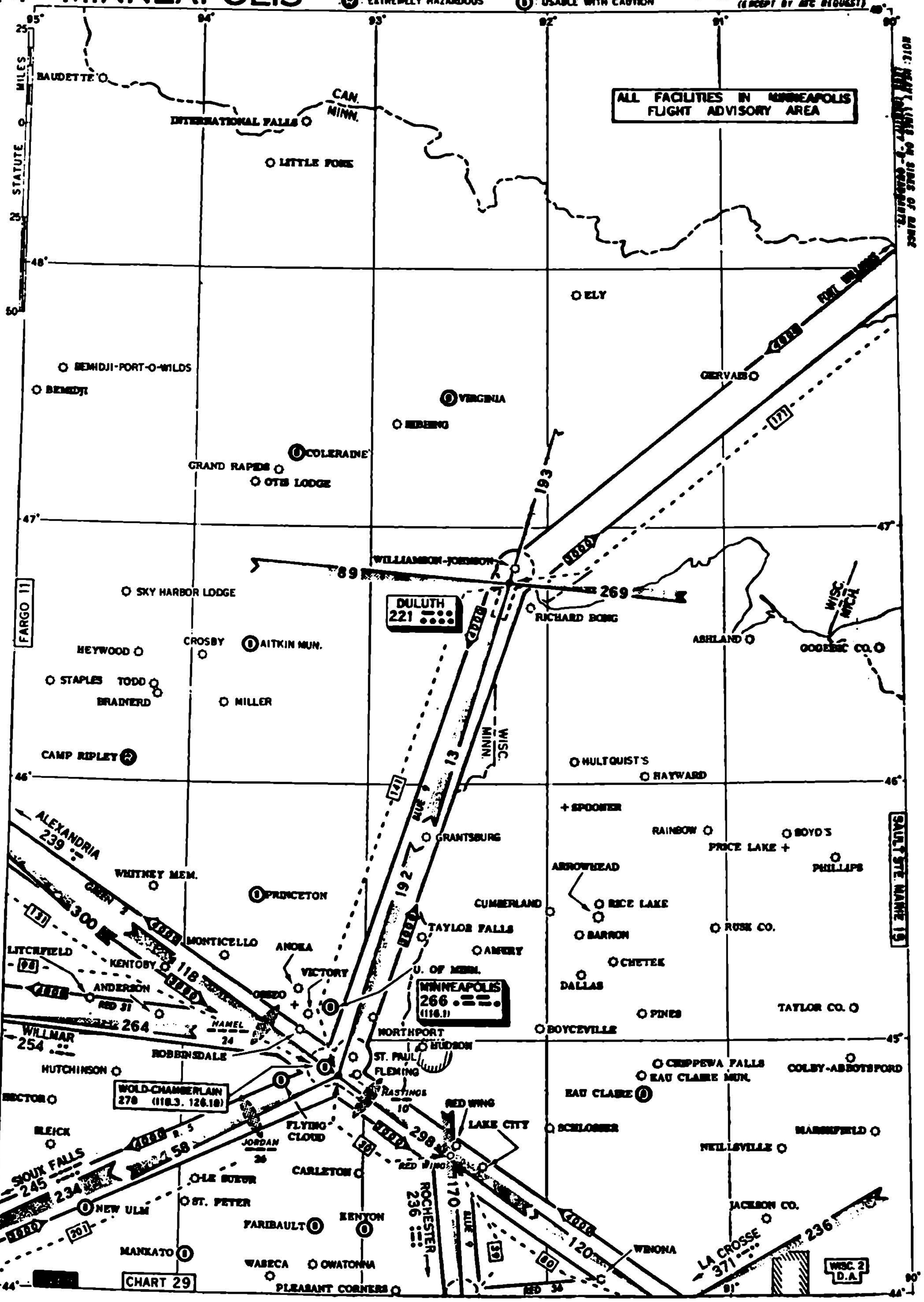
Owatonna (Minn.)	2.9 NW; hwy E	1143	23 S6	80 oct.
(P) INTERNATIONAL FALLS, (Minn.)	2.2 S	1175	30h S4	80 oct. No sto.
Aitken Mun. (Minn.)	1.7 ENE; riv W	1208	26 S1	80 oct.
Bemidji-Port-O-Wilds (Turtle River, Minn.)	1.2 NW; lake W	1350	23 S1	80 oct. P-line NE. Use strips only.
Red Wing (Minn)	2.5 NE; hwy N, W	790	21 S1	80 oct. Strip rolling.
Sky Harbor Lodge (Pine River, Minn)	1 NE; lake NW	1340	26 S1	80 oct. P-line N, S, W. Trees E.
Staples (Minn)	1.5 NNW	1298	32 S1	80 oct. Use strips only.
Grantsburg (Wisc)	1.5 NNE; riv S	870	13 S2	80 oct. Trees NE, SW. Use strips.
Rainbow (Winter, Wisc)	4.2 WSW; riv S	1265	19 S1	80 oct. W approach hazardous.
Miller (Garrison, Minn)	1.4 N	1264	22 S1	80 oct.
Barron, (Wisc.)	1.1 ENE; riv W	966	26 S2	80 oct. E blkd. P-line W.
Cumberland, (Wisc.)	3 SE; lake NE		26 S4	80 oct. No sto. N, S blkd.
Hultquist's Sky Ranch (Minong, Wisc.)	1.9 W; lake W	1180	13 S4	80,91 oct. No sto. Trees S, N.
Bleick (Fairfax, Minn)	2.5 N	1050	18 S1	80 oct. P-line E.
Hutchinson, (Minn)	2.5 SSE	1052	28 S1	80 oct.
Crosby (Minn)	0.5 NE	1266	25 S1	80 oct. P-line SSE.
Todd (Brainerd, Minn)	1.5 NW; riv SE	1250	26 S1	80 oct.
Kentoby (Annandale, Minn)	1 E	1066	24 S2	80 oct.
→ Pine Beach (Brainerd, Minn)	8.8 WNW; lake N	1250	21 S1	80 oct. P-line NW, W, SE, E.
→ Union (Iron River, Wisc)	2.2 WNW; RR .5 S	1100	19 S1	80,91 oct. E blkd. Use strips only.
→ Spencer (Wisc.)	0.5 WSW; hwy N		22 S2	80 oct. Data unver.
(P) Hincks (Minn.)	1.3 NNE; riv S	940	44 S6	80 oct. P-lines S, SW.

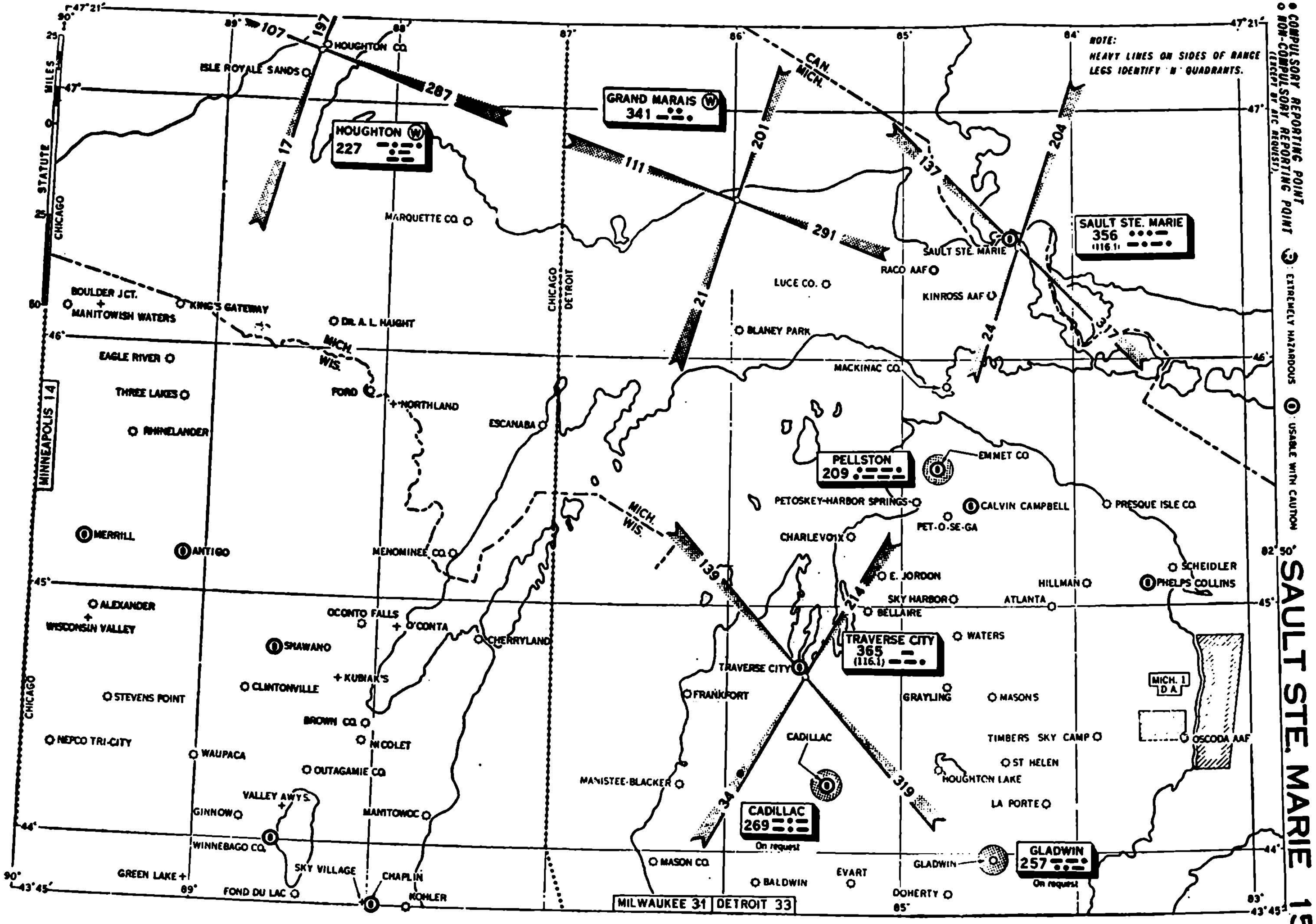
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

14 MINNEAPOLIS

R: EXTREMELY HAZARDOUS I: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)




NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'H' QUADRANTS.
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST).
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SAULT STE. MARIE 15
GRAND MARAIS (W) 341
HOUGHTON (W) 227
SAULT STE. MARIE 356 (116.1)
PELLSTON 209
TRAVERSE CITY 365 (116.1)
CADILLAC 269 On request
GLADWIN 257 On request
MILWAUKEE 31
DETROIT 33
MINNEAPOLIS 14
CHICAGO
CHICAGO DETROIT
CAN. MICH.
MICH. WIS.
HOUGHTON CO.
ISLE ROYALE SANDS
MARQUETTE CO.
SAULT STE. MARIE
RACO AAF
KINROSS AAF
LUCE CO.
BLANEY PARK
MACKINAC CO.
BOULDER JCT.
MANITOWISH WATERS
KING'S GATEWAY
DR. A. L. HAIGHT
EAGLE RIVER
THREE LAKES
RHINELANDER
FORD
NORTHLAND
ESCANABA
EMMET CO.
PETOSKEY-HARBOR SPRINGS
CALVIN CAMPBELL
PRESQUE ISLE CO.
PET-O-SE-GA
CHARLEVOIX
MERRILL
ANTIGO
MENOMINEE CO.
E. JORDON
HILLMAN
SCHEIDLER
PHELPS COLLINS
SKY HARBOR
ATLANTA
BELLAIRE
ALEXANDER
WISCONSIN VALLEY
OCONTO FALLS
O'CONTA
CHERRYLAND
SHAWANO
CLINTONVILLE
KUBIAK'S
STEVENS POINT
BROWN CO.
NICOLET
NEPCO TRI-CITY
WAUPACA
OUTAGAMIE CO.
VALLEY AWYS.
GINNOW
MANITOWOC
WINNEBAGO CO.
SKY VILLAGE
CHAPLIN
KOHLER
GREEN LAKE
FOND DU LAC
MENOMINEE CO.
TRAVERSE CITY
WATERS
FRANKFORT
GRAYLING
MASONS
CADILLAC
TIMBERS SKY CAMP
ST HELEN
HOUGHTON LAKE
MANISTEE-BLACKER
LA PORTE
MICH. 1 DA
OSCODA AAF
MASON CO.
BALDWIN
EVART
GLADWIN
DOHERTY
MILES
STATUTE
90°
89°
88°
87°
86°
85°
84°
83°
82°50'
47°21'
47°
46°
45°
44°
43°45'
80
25
0
107
197
287
17
111
201
137
204
291
21
24
317
139
214
34
319

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CADILLAC (Int.)	269(KK)	MHT	(4)
GLADWIN	257 (GU)	MHT	(4)
PELLSTON (Em	341(IG)	RL-W	Oper. State of Mich.
HOUGHTON	227(CAM)	RL-W	Oper. State of Mich.
PELLSTON (Emmet Co.)	209 (PJ)	MHT	(4)(6-22)
SAULT STE. MARIE	356(VC)(116.1)	SBMRAZ-DTV;317°,2.2	(4); 116.1
TRAVERSE CITY	365(TG)(116.1)	SBMRAZ-DTV;319°,2.2	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alger County (Munising)(NC)	4 SSE,hwy E	850	26	Twr N; woods all sides.
(P) Alpena	See Phelps Collins under "New Airports"- name changed.			
Amasa (NC)	4 NW	1560	14	Not maintained.
Atlanta	0.8 ESE	875	22 S2	80 oct.Trees N,NW,W.
Au Gres (NC)	0.9 NNW,hwy S	590	20 S1	80 oct. Poles SW. NW blkd.
Baldwin	1.3 SSE,RR W	835	23 S2	80 oct.Trees NE.
(P) Beaver Island (St. James) (NC)	4.2 SSW	620	35	NW,SE blkd.
(P) Bellaire	1 NE,RR W,S	614	24 S1	80 oct.P-line E,SE.
Big Lake (Baraga) (NC)	7.3 SW, rd W	1100	20	Trees on all sides. Emerg use.
Blaney Park	0.5 NW;lake N	850	18 S1	80 P-line E
(P) Cadillac, 23, TL-VC	2.5 NW,RR E	1297	34 R1 L3 S6	80 oct.
Calvin Campbell Mun.	0.8 SE;RR,hwy W	602	20 S1	80 oct. P-line N.(Indian River)
Calbeck (Beaverton)	0.8 SW;RR W	728	27 S2	80 oct.Poles SE,trees E,NW
Charlevoix	0.8 SW,lake NW	642	30 S2	80 oct. P-lines S,W,NW
D.A.R.(Rexton) (NC)	1.9 WSW;RR N	900	22	Poles N.
Doherty (Clare)	1 NE, hwy W	840	21 S1	80 oct. Rough, ctn.
(P) Dr. A. L. Haight (Crystal Falls)	1.3 ENE;lake E	1390	34 L1 S4	80,91 oct. Bldg SW,WNW.
East Jordan	1.9 SSE,riv W	640	26 S1	80 oct.P-line E,N;trees W
(P) EMMET CO. (Pellston)	0.6 NW,RR E	707	54h R1 L3 S2	80,91 oct. Lgts on req.P-line N,E
Escanaba	2 SSW,	594	26 S6	80,91 oct Trees E.
Ford (Iron Mountain)	2.5 W,riv W	1140	23 S6	80,91,100 oct.
Frankfort	1.9 ESE	650	29 S2	73,80,91 oct.
(P) Gladwin	0.5 SSE,riv W	780	35 R1 L3 S2	80 oct.
(P) Grayling	1.3 NW,RR W	1152	50h	
Harrison (NC)	2.3 NNW,hwy E	1100	26 S2	80 oct.S blkd.Caution,rough.
Hillman	2.8 NW	995	23 S1	80 oct.Woods all sides.
Houghton Co. (Calumet)	2 SE, RR NE	1200	26 S4	80 oct. Twrs, poles W NW blkd.
Houghton Lake (Houghton Heights)	1 W;lk NNE	1150	27 S2	80 oct.Pole NW,trees W,SSE,E. Rdo twr W,N lgtd.
Ishpeming-Dexter (NC)	7 W;RR N,S	1570	25	Poles N.
Isle Royale Sands (Houghton)	2 ESE;RR SW	605	26 S3	80 oct.
Kalkaska (NC)	0.5 WNW,RR E	1020	26	
(A) Kinross (A)	2.5 SE	780	55h	TMP INACT NO FACS
La Porte (West Branch)	6 SE,RR W	890	26 S2	80 oct.P-line SW;trees NW,NE.Rough
Luce County (Newberry)	4.1 SE,hwy S	872	28 S1	80 oct.NW blkd.Poles SE.[off strip
Mackinac Co. (St. Ignace)	2 NNW,hwy E	600	26 S2	80, 91 oct.
Mackinaw City (NC)	5 S,RR W	700	22	
Manistee-Blacker	4 ENE,riv S	613	23 S4	80 oct.
Marenisco (NC)	1.6 E,hwy N	1551	20	ENE,WSW blocked
Marquette County	7.9 W,hwy S	1412	27 S2	80 oct.
Mason County (Ludington)	1.7 ENE,hwys S	640	30 S1	80 oct.Poles S.
Baraga (Pelkie,Mich)	3.5 SE;hwy N	805	21 S2	80 oct.P-line N,Trees E,S,W

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC (not charted) → NEW OR REVISED DATA

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Menominee County	5 NNE,bay E	590	27 S1	80 oct. Trees sur fld.
Mio (NC)	1.6 N,hwy W	1050	26	Emergy only.
Northland (Quinnesec)	1 8 ESE;RR N	1060	32 S2	80 oct P-line N
Norway Township (Loretto)	2,4 S,lake N	860	21	Trees on side strips. (NC)
Onaway (NC)	0.6 NNE,RR S	770	21	P-line SW,trees SE.
(A) Oscoda AAF (A)	3.5 NW,lake E	605	50h	
Otsego County (Gaylord) (NC)	1 SW;lake 1.5 S	1384	40 S1	P-line E,NE.Trees N.
Pet-O-Se-Ga (Wildwood)	1.8 NW,lake NW	620	20 S2	80 oct.
Petoskey-Harbor Springs (Petoskey)	4.5 NE;bay W	620	24 S2	80 oct.P-line E,trees NW,SE
Poschke's (Harbor Beach)(NC)	See Harbor Beach under "New Airports"- name changed.			
Presque Isle (Rogers City)	0.7 SSE,hwy E	658	26 S2	80 oct
Prickett-Grooms (Saginaw)	0.5 N,RR S	1300	18 S1	80 oct.Use caution.Bldgs SE,SW.
(A) Raco AAF (A)	4.5 WSW;RR N	910	55h	TMP INACT NO FACS
Roscommon (NC)	2.5 SE,RR NE	1100	42	Trees all appchs.Emerg. use only.
Roscommon Co.(Prudenville)	4.5 N,riv E	1150	26 S1	80 oct.Trees sur fld. (NC)
St. Helens	0.9 SE;RR N	1153	26	Trees all appchs.Emerg. use only.
(P) Sault Ste. Marie	1 SSW,riv N	706	36 R1 L3 S4	80,91 oct. Fld lgts on req.ARPT OF ENTRY.P-linesE,S. Trees W,NW,N.
Scheidler (Alpena)	6.3 N,hwy NW	590	22 S4	80 oct.P-line NE,N,SW.
(P) Schoolcraft Co.(Manistique)	3.3 ENE,lake S	678	31	Approaches 5:1. (NC)
Sky Harbor (Gaylord)	1 WNW,RR E	1355	26 S1	73,80 oct.Pole line S.
Steuben (Manistique) (NC)	20 NW	850	18	Woods all sides.
Timbers Sky Camp (South Branch)	0.2 NE,riv E	950	24 S1	80 oct.
(P) Traverse City	2.1 SE,RR NE	624	52h R1 L5 S6	80,100 oct.
Watersmeet (NC)	1.2 NNE;RR SSE	1581	22	Poles SE.Emerg only-rough.
[redacted]				
Alexander (Wausau)	2.5 S,riv SW	1191	27 L4 S4	80,91 oct. Lgts prior req.
(P) Antigo	2 ENE,hwy N	1483	33 S4	80, 91 oct. Flare pots avail.
Arbor-Vitae (NC)(Woodruff)	2.6 NW	1600	25 S2	80,91 oct.P-line N,trees E,W.
Boulder Junction	1.5 NW		38 S1	80,91 oct.Data unverified.
Brown County (Green Bay)	2.2 WSW,hwy SE	590	28 S6	80 oct. E,ESE,SE blkd.
Chaplin Arpk (Plymouth)	0.5 N,RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay)	2 WNW,	590	40 S2	80 oct.Pole line W,S. Bldgs N.
(P) CLINTONVILLE	1 ESE.RR SW	828	34 S6	91,80 oct.NNW blkd.Pwr line NE,SW,
Eagle River (NC)	1.3 NW,riv NW	1675	26 S1	80,91 oct. P-line E [W
East Side (Green Bay)	1.8 SE,RR S	600	19 S1	ANANDONED
Fond du Lac	2.6 ENE,hwy S	769	26 S4	80,91 oct.P-line N,NE,NW,SE blkd.
Ginnow (Omro)	3 N, hwy E	800	19 S2	80 oct. Trees SW. Rough
King's Gateway (Land O' Lakes)	0.5 SSE,RR W	1736	44 S2	80,91,100 oct.P-line SE,SW,NW.
(P) Kohler	1 N,hwy S	647	30 L1 S6	80,91 oct. SE blkd. [Twr NE
Manitowoc	1.6 NNW,RR W	653	26 L3 S6	80,91 oct.P-line W,SW,SSE.Bndry
Merrill	1.2 NNW,RR E	1285	22 L1 S2	80 oct.Use strips only. [lgts inop.
Nepco Tri City (Wisconsin Rapids)	2.5 SSW, riv 1 W	950	35 L2 S6	80,91 oct Lgts prior req
Nicolet (De Pere)	1.5 S,RR E	620	22 S4	80 oct.Pole line E,W.Data unver.
(P) Northern Lakes (Manitowish)	6.8 E, hwy NE	1600	28 S4	80 oct. Trees E,W.
Oconto Falls	2,7 ENE,RR S	600	20 S2	80 oct. Pole line N.
Outagamie Co.(Appleton)	2.2 ENE,RR S	750	29 S6	80,91 oct.P-line NW.
(P) Rhinelander	2 [illegible];riv 1 SE	1598	37 S4	80,91 oct.No sto.Trees NW.
Shawano	2.3 ENE,lk NE	813	40 L S6	80,91 oct.Poles SW.Rnwy data unver
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver. [Lgts prior req.
(P) Stevens Point	3 NE, hwy W	1090	40h S6	80,91 oct.
Three Lakes	0.5 S	1664	14 S1	Fuel.Rough.Obst sur fld.
Tomahawk (NC)	0.5 WNW;riv N	1450	15	Obsts sur fld.Emerg use
Valley Airways (Neenah)	4 SSW,RR E	750	21 S2	80 oct.P-line E. Data unver.
Washington Island (NC)	0.6 NNE of Detroit Harbor	600	24	
Waupaca	4 ESE, hwy S	853	29 S2	80 oct.P-line S,SW
(P) Winnebago Co. (Oshkosh)	2 SSW,RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE,N,W.
Wisconsin Valley Inc.(Wausau)	7 S		34 S2	83 oct.Data unver. [Rnwy data unver.
NEW AIRPORTS				
(P) Masons (Grayling,Mich)	12 ESE;riv 2 N	1000	40 S1	91 oct.
Green Lake (Wisc)	4 W, hwy S	990	22 S1	90 oct. Data unver.
Kubiak's (Pulaski,Wisc.-Mich)	1.2 E	781	26 S4	Data unver. [Flood lgts prior req.
Harbor Beach (Harbor Beach)	2.5 [illegible];rd S	670	20 L S2	80 oct.P-line NE/SE.
Brevort (Mich.)	1.2 NW;hwy S	620		Emerg. only.Trees E,W.
Waters (Mich.)	0.6 N;hwy W		25 S1	80 oct.P-line NW.Woods sur fld.
Evart (Mich.)	1 WSW;RR S	1035	24 S1	80 oct.P-line N,S.
Phelps Collins (Alpena,Mich)	8.5 NW;riv adj	685	50h L5 S4	80 oct.No ben,bndry lgts. Lgts prior req.
Lost Creek Sky Ranch (Red Oak,Mich.)	4 SSE;hwy S	1090	26 S1	80 oct.
Big Bear (Topaz,Mich.)	[illegible] S	1295	25 S2	80 oct.P-line S Trees E

RADIO — MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA	221(AW)(116.1)	BMRLZ-DTV;81°,2	(4); 116.1
BANGOR (Dow)	239(BB)(116.1)	SBRAZ-DTV;172°,2.1	(4)·116.1
DOW (Bangor)	278 (126.18)+	CA (ILS-W)	(3);126.18.118.7
EAST CORINTH FM	(- - - -)	FM, 352°, 13.5	Bangor.
HOULTON	272(HJ)	MRLWZ;195°,3.1	
LIMESTONE FM	(-)	FM, 57°, 22.3	Presque Isle
MILLINOCKET	344(MT)(116.1)	SBRAZ-DTV;292°,1.6	(4); 116.1
PRESQUE ISLE	388 (ZQ)	SBRAZ-DT;189°,3,4	(4)
Presque Isle AAF	278 (126.18)	AC(ILS-W)	(4);118.7,122.5,116.1.126.18
Presque Isle AAF	365 (RU)	SBMLZ; 9°, 3.8	(4)
NEW YORK			
MASSENA	108.7(ME)	VARW	
VERMONT			
BURLINGTON	323(JG)(116.1)	SBRAZ-DTV	(3); 116.1
Burlington Airport	278(126.18).	C; 151°,2.8	(4);122.5,126.18
GRANDE ISLE FM	(- - - -)	FM, 349°, 15	Burlington
HUNTINGTON FM	(- -)	FM, 151°, 17	Burlington
MONTPELIER (Barre-Montpelier)	257 (UV)	MRLWZ;230°,2.8	
VERGENNES FM	(- - -)	FM, 210°, 25.4	Burlington

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
DOW (L6)	109.9		153°	IM- ····· (0.06)	MM- ·-·- (0.81)	OM- -- (4.60)
					MMK-	OMK-
PRESQUE ISLE AAF	109.9		8°	IM- ····· (0.06)	MM- ·-·- (0.85)	OM- --(4.47)
					MMK- 201	OMK- 219
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

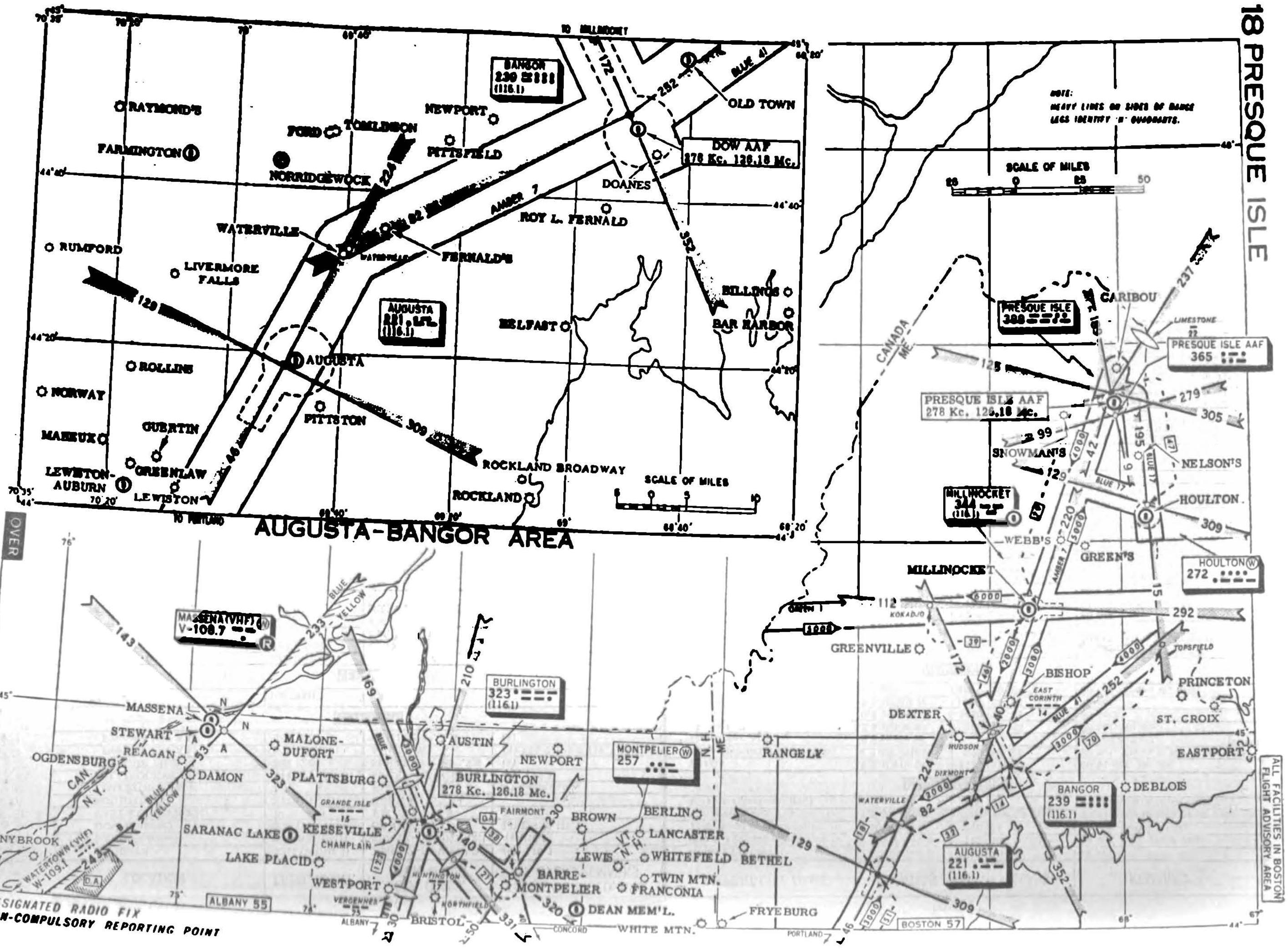
AIRPORTS — MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
AUGUSTA	1.5 WNW,hwy S	354	34h R1 L5 S6	80,91 oct.Fld lgts prior req.
→ Andover (NC)	2.5 S,hwy E	675	17 S3	1125' hill, pole E.
Bar Harbor	9 NW,hwy W	87	45h S6	80 oct.
Bethel	1.6 NW,RR E	660	20 S1	80 oct.
Belfast	1 SW,hwy E	160	40h S4	80 oct. No sto.
→ Bishop (LaGrange)	0.8 N	360	10 S4	80 oct.SSW,WSW blkd.
Caribou	1 NW,hwy E	623	35h S6	80 oct.No sto.Bldg E.ARPT OF ENTRY.
Deblois Flight Strip	2 SE,riv W,N	219	40h	CLOSED
(P) Dexter	3 ESE,rd W,S	485	30h S2	80 oct.
Doanes (Brewer)	1.6 S,RR W	100	15 S5	80 oct. Poles NNE; trees SE.
(A) DOW (Bangor)(A)	2 W,RR S	160	70h R3(L6)S4	100 oct.
→ Eastport	1.5 WNW	70	29h S1	80 oct.P-line SW.
Fryeburg Arpk	1.3 E,RR S	400	20 S2	80 oct. Pole line S.
→ Greenlaw (Auburn)	1.8 W,hwy S	238	16 S6	80 oct. Bldg S.
Greenville	2 ENE	1750	30h L3 S1	80 oct.
Guertin (Lewiston)	1 NE	220	12 S2	87 oct. Trees, poles SSW.
(P) HOULTON	2.5 E	493	57h L5 S6	80 oct.
→ (P) LEWISTON-AUBURN (Auburn)	See Auburn-Lewiston under "New Arpts" - name changed.			
Maheux (Minot)	3.5 NNW,hwy NE	720	21 S6	80 oct. Trees SSE.
Millinocket	0.5 SE,hwy W	404	50h R1 L5 S1	91 oct. Fld lgts prior req.
Newport	1.5 ESE,hwy N	280	21 S1	Ltd 80 oct. Pole line N.
Norridgewock	3.7 W,riv NE,W	270	40h	Trees ENE.
Norway	1 N,RR S	387	18 S1	80 oct. Pole line SE.
Old Town	1.8 NNW,riv N	109	40h L3 S5	80 oct.
Pittsfield	0.7 SSE,hwy E	190	40h S6	80 oct. Sand pile, bldg E.
Pittston	1.8 ENE,RR W	140	18	NW,SW,S blocked.
→ (A) PRESQUE ISLE AAF (A)	1.5 WNW,RR E	529	68h R3 L6 S4	91,100 oct.No sto.ARPT OF ENTRY.
Princeton	1.5 SSE,hwy NE	250	40h	
Rangeley	1.6 NNW,hwy S	1810	15	
Raymond's (Phillips)	0.8 S,riv E	556	20 S1	80 oct. Rnwy info. unver.
Rockland	3 SSE,rd NE	49	45h L5 S6	80,91 oct. No sto.

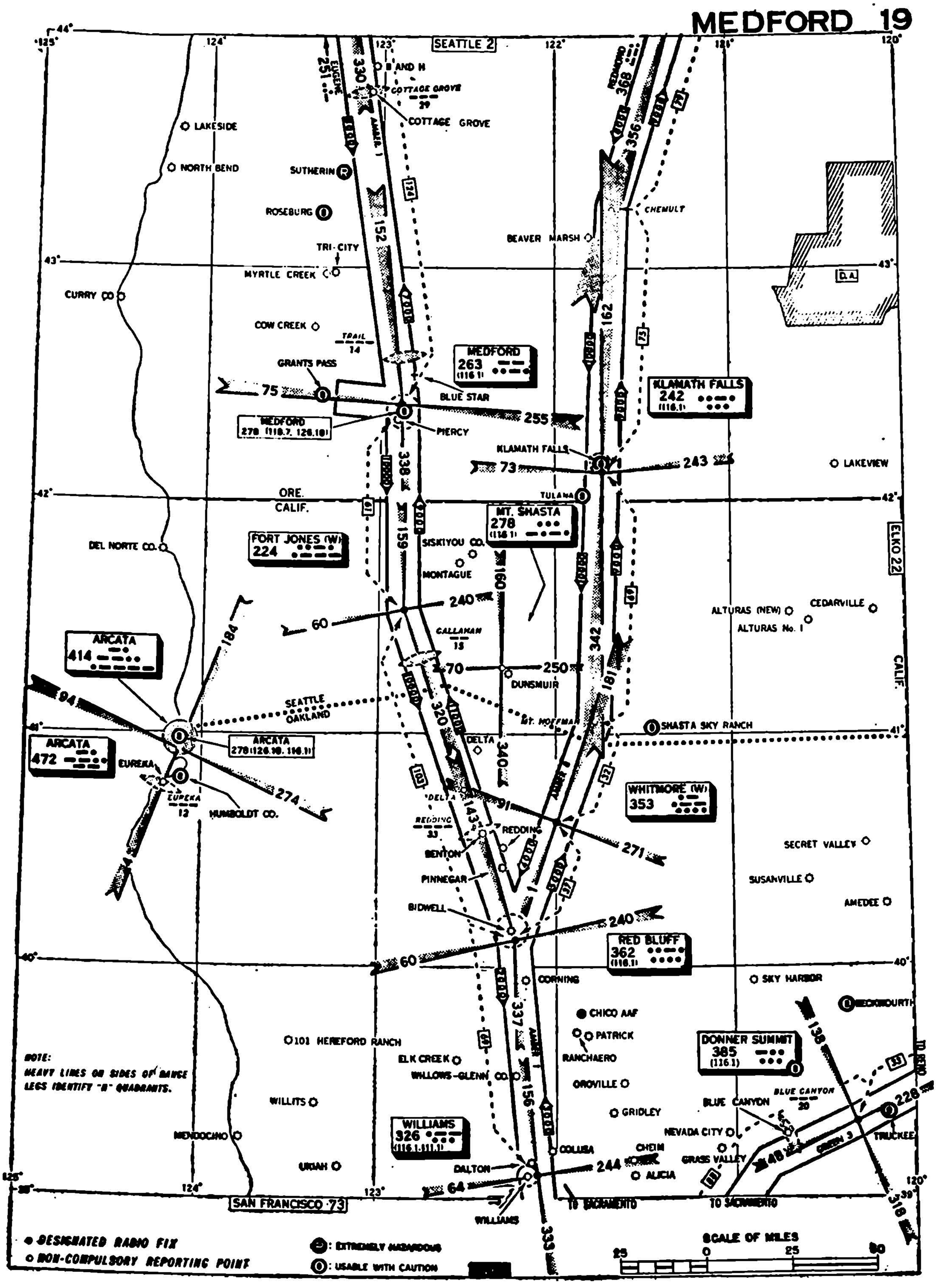
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)NC-(not charted). → NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Rollins (Turner)	2.5 NNW,rd E	335	20 S6	80 oct.
Roy L.Fernald (Winterport)	3 WNW,hwy S	182	40h L3 S1	80 oct. Lgts prior req.
Tomlinson (Skowhegan)	1 NNE,riv S	240	21 S6	80 oct. Poles S,NW.
Waterville	1.8 SW,riv E	303	40h L5 S6	80,91 oct.Fld lgts prior req.
Weston (Madison) (NC)	1 N,riv W	300	19	Poles WSW.Use in emerg.
NEW HAMPSHIRE				
Berlin	7.5 N,riv W	1140	52h S3	80,91 oct. No sto.
Dean Memorial (Haverhill)	4.1 NE,RR W	570	18 S1	80 oct. Trees N,NW. Rnwy data unver.
Lancaster Arpk.	0.3 N,riv W			ABANDONED.
Lewis (Littleton)	2.5 E,RR S	900	18 S6	80 oct. No sto.
Twin Mountain	0.8 SW,RR N	1430	18 S1	80 oct.
Whitefield	3 E&E,RR N	1050'	24 S1	73 oct.
White Mountain (No.Conway)	1.9 SSE	495'	20 S4	80 oct. Trees W, NW.
NEW YORK				
Bradley (Watertown) (NC)	2.2 N,RR E,W	435	18	Rough. Pole line W,SW.
Damon (Potsdam)	1.5 E;hwy S	460	20 S1	80 oct.P-line N. Strips rough at ends.
Keeseville	1.4 S;riv WNW	490	20	Pole W.
Lake Placid	2 SE,RR NW	1750	21 S1	80 oct.
(P) Malone-Dufort	2 W,RR N	790	40h S1	80 oct. ARPT OF ENTRY.
Marcy (Keene) (NC)	2.5 S,hwy E	1000	18	Mtn N,S.
(P) Massena	2.2 E,riv SE	200	40h L1 S6	80 oct.Bcn on req.Trees WSW ARPT OF ENTRY.
(P) Ogdensburg	1.5 SE,RR W	285	30 S6	80 oct. ARPT OF ENTRY.
(P) Plattsburg, mun.	3.4 WSW;riv SW	375	50h L5 S1	80, 91 oct. Lgts prior req.
(P) Saranac Lake	5.3 NW,RR NW	1655	40h L2 S4	80 oct.No sto.Lgts prior req.
Stewart (Massena)	2.1 SE,RR NE	210	20	
Tupper Lake (NC)	1 E;riv SE	1680	14	Use strips only.P-line W.Rough.
Westport	2 S,RR W	285	22 S2	80 oct.
VERMONT				
→ Austin (Swanton)	1.7 NE,RR W	235	21 L S6	80,91 oct.Port rnwy lgts prior req. ARPT OF ENTRY.
→ BARRE-MONTPELIER (Barre)	3 W;pond SW	1149	41h L5 S6	80,91 oct.
→ Bristol	0.7 W,riv SE	570	21 L S6	80 oct.Port rnwy lgts. ENE blkd.
(NG) BURLINGTON	3 E, riv NE	334	44h R2 L5 S6	80,91 oct. ARPT OF ENTRY.
→ Newport	3 SSW,RR E	930	40h L2 S1	Ltd 80 oct.All lgts prior req.
NEW AIRPORTS				
Farmington Arpk, (Me.)	4.5 N;rd W	430	17 S6	80 oct. No sto.
Fernald's (Benton,Me.)	0.6 WNW;hwy S	120	18 S6	80 oct.No sto.WNW blkd.
→ Ford (Skowhegan,Me.)	1 NNW	230	15	Emerg only.
Franconia Arpk, (N.H.)	2 SE		20	
Brown (St.Johnsbury,Vt.)	5.2 N;RR E	807	23 S2	80 oct.Hills W,SW.
Billings Arpk (Ellsworth,Me)	4 SSE;hwy S,E	85	18 S1	80 oct. Trees NW, SE
Green's (Island Falls, Me)	2.3 SSW	710	13 S1	80 oct. P-line, trees S,N
Nelson's (Bridgewater, Me)	0.7 NW	450	8 S4	80 oct. No sto.
Snowman's (Ashland, Me)	1.2 NW;riv E	540	17 S1	80 oct.
Lancaster Arpk (N.H.)	1.3 W;riv N	850	21 S1	80 oct.
Lewiston (Me)	5 SE;RR SE	190	6 S4	80 oct.No sto.NNE blkd.
Livermore Falls (Me)	1.3 SE;riv W	300	10	
Rumford (Me)	2 SSE;riv NW	615	22 L S4	80 oct.No sto.Wires,Trees NW
St Croix (Baring,Me)	0.5 E;hwy N	95	19 S1	80,91 oct.NNW blkd.Flares on req.
Webb's Fld (Patten,Me)	1 NNW;hwy E	650	14 S4	80 oct.No sto.
Rockland Broadway (Rockland, Me)	0.8 SSW	60	19 S4	80 oct.
Reagan Fld (Norwood,N.Y.)	1.8 WSW;riv E	330	18 S1	80 oct.
Sunnybrook Fld (Clayton,N.Y.)	3.4 S;hwy E	390	18 S1	80 oct.ESE blkd.
→ Champlain (Colchester,Vt)	6.3 W;RR W	120	17 S4	80 oct.P-line S;swamp W
→ Fairmont (E.Montpelier,Vt.)	0.8 SSE;RR W	745	19 S4	80 oct.
→ Point Hill (St.Albans,Vt)	3.5 W;bay E	155	14 S4	80 oct.Wires ESE
(P) AUBURN-LEWISTON (Auburn, Me)	4.5 SW;RR W	290	45h L5 S6	80,91 oct.P-line E, SE.Fld lgts on req.
Mars Hill (Me)	1.2 NNW	435	17 S4	80 oct.
→ Errol (N.H.)	1.2 WNW	1245	18 S4	P-line NW.
→ Austin(Wash.,Me)	2.6 W;hwy N	280	13 S1	80 oct.
→ Community Arpk(Mapleton,Me)	4.3 NE	630	8 S1	80 oct.
→ Dingley(Auburn,Me)	2.5 NW;lk N	320	18	P-line SW.
→ Moscone's(Mallawamkeag,Me)	4 NNW;riv W	210	15	
→ Robbins(Hudson,Me)	2.7 SW	365	18 S1	80 oct.


AUGUSTA-BANGOR AREA
OVER
RAYMOND'S
FARMINGTON
NORRIDGEWOCK
FORD
TOMLINSON
NEWPORT
PITTSFIELD
BANGOR
239
(116.1)
OLD TOWN
DOW AAF
378 Kc. 126.18 Mc.
DOANES
ROY L. FERNALD
WATERVILLE
FERNALD'S
RUMFORD
LIVERMORE FALLS
AUGUSTA
221
(116.1)
BELFAST
BELLINGS
BAR HARBOR
ROLLINS
NORWAY
MAHEUK
GUERTIN
PITTSTON
LEWISTON-AUBURN
GREENLAW
LEWISTON
ROCKLAND BROADWAY
ROCKLAND
SCALE OF MILES
TO PORTLAND
TO MILLINOCKET
NOTE:
HEAVY LINES ON SIDES OF BARGE LEGS IDENTIFY 'B' QUADRANTS.
SCALE OF MILES
CARIBOU
PRESQUE ISLE
388
PRESQUE ISLE AAF
365
PRESQUE ISLE AAF
278 Kc. 126.18 Mc.
CANADA
ME
LIMESTONE
SNOWMAN'S
NELSON'S
HOULTON
MILLINOCKET
344
(116.1)
WEBB'S
GREEN'S
HOULTON
272
MILLINOCKET
KOKADJO
GREENVILLE
BISHOP
EAST CORINTH
DEXTER
HUDSON
TOPSFIELD
PRINCETON
ST. CROIX
EASTPORT
DIXMONT
WATERVILLE
BANGOR
239
(116.1)
DEBLOIS
AUGUSTA
221
(116.1)
RANGELY
BOSTON 57
ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
MASSENA (VHF)
V-108.7
MASSENA
STEWART
REAGAN
OGDENSBURG
CAN.
N.Y.
SUNNYBROOK
WATERTOWN (VHF)
W-109.1
DAMON
MALONE-DUFORT
PLATTSBURG
SARANAC LAKE
KEESEVILLE
CHAMPLAIN
LAKE PLACID
WESTPORT
VERGENNES
ALBANY 55
ALBANY
BURLINGTON
323
(116.1)
BURLINGTON
278 Kc. 126.18 Mc.
AUSTIN
NEWPORT
MONTPELIER
257
BROWN
BERLIN
LANCASTER
WHITEFIELD
BETHEL
LEWIS
TWIN MTN.
FRANCONIA
BARRE-MONTPELIER
DEAN MEM'L.
FAIRMONT
GRANDE ISLE
HUNTINGTON
NORTHFIELD
BRISTOL
CONCORD
WHITE MTN.
FRYEBURG
PORTLAND
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT

MEDFORD 19


SEATTLE 2
MEDFORD 19
44°
125°
124°
123°
122°
121°
120°
43°
42°
41°
40°
LAKESIDE
NORTH BEND
SUTHERIN
ROSEBURG
TRI-CITY
MYRTLE CREEK
CURRY
COW CREEK
TRAIL 14
GRANTS PASS
75
MEDFORD 263 (116.1)
BLUE STAR
255
MEDFORD 278 (118.7, 126.1)
PIERCY
338
159
ORE.
CALIF.
DEL NORTE CO.
FORT JONES (W) 224
SISKIYOU CO.
MONTAGUE
TULANA
MT. SHASTA 278 (114.1)
160
240
60
CALLAHAN 15
ARCATA 414
184
94
SEATTLE
OAKLAND
ARCATA 472
ARCATA 278 (126.10, 116.1)
EUREKA
EUREKA 12
HUMBOLDT CO.
274
320
DELTA
340
DUNSMUIR
Mt. HOFFMAN
SHASTA SKY RANCH
143
REDDING 33
REDDING
BENTON
PINNEGAR
BIDWELL
91
271
WHITMORE (W) 353
KLAMATH FALLS 242 (116.1)
73
243
LAKEVIEW
ALTURAS (NEW)
CEDARVILLE
ALTURAS No. 1
CALIF.
ELKO 22
SECRET VALLEY
SUSANVILLE
AMEDEE
342
181
RED BLUFF 362 (116.1)
240
60
CORNING
SKY HARBOR
BECKWOURTH
CHICO AAF
PATRICK
RANCHAERO
OROVILLE
DONNER SUMMIT 385 (116.1)
139
101 HEREFORD RANCH
ELK CREEK
WILLOWS-GLENN CO.
156
GRIDLEY
BLUE CANYON
BLUE CANYON 20
228
NEVADA CITY
COLUSA
CHEIM
GRASS VALLEY
ALICIA
TRUCKEE
TO RENO
WILLITS
MENDOCINO
URIAH
WILLIAMS 326 (116.1, 111.1)
DALTON
64
244
WILLIAMS
337
339
318
SAN FRANCISCO 73
TO SACRAMENTO
TO SACRAMENTO
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES
25
0
25
50

RADIO AIDS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCATA (UAL)	472 (NZM)	MRL;4°,3.0	(3)
Arcata Airport	278 (116.1,126.18)	CI (ILS-W)	(3) 116.1,126.18 (8-17)
Arcata (H Inc) (UAL)	414 (NZ1)	H; 310°, .15	(4) Z marker 200' from SE end Rnwy 31.
→ BIDWELL (Red Bluff)			DECOMMISSIONED
→ BLUE CANYON			DECOMMISSIONED
BLUE CANYON FM	(- - -)	FM, 228°, 19.5	Donner Summit
CALLAHAN FM	(- -)	FM, 140°, 15.1	Ft. Jones
DONNER SUMMIT	385 (DS) (116.1)	BMRL-DTV	(4):116.1
EUREKA FM	(- - -)	FM, 164°, 11.7	Arcata
FORT JONES	224 (FJ)	SRAWZ	
MT. SHASTA	278(SC)(116.1)	BMLZ-DTV, 116°,2.2	(4); 116.1
80 oct. RED BLUFF (Bidwell)	362(FH)(116.1)	SBRAZ-DTV,323°,2.5	(4);116.1,122.1
REDDING FM	(- - - -)	FM, 323°, 33.2	Red Bluff
WHITMORE	353 (AWH)	MRLWZ	
WILLIAMS (Int.)	326(WS)(vhf)	SBMRAZ-DTV,244°, 2.2	(4);116.1,122.1
NEARBY			
COTTAGE GROVE FM	(- - -)	FM, 150°, 29	Eugene
KLAMATH FALLS	242 (FS) (116.1)	SBRAZ-DTV;342°,2.7	(4); 116.1
MEDFORD	263(MF)(116.1)	SBRAZ-DTV	(3); 116.1
Medford AAF	278 (126.16,118.7)	AC; 158°, 2.4	(4);126.18,118.7,122.5
TRAIL FM	(- - - -)	FM, 332°, 14	Medford

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ARCATA.	109.5	332.6	312°	IM- (0.14)	MM- ····· (0.66)	OM- -- (4.5)
					MMK-	OMK- 404
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alicia (Marysville)	3.2 SSE,RR W,E	63	60h L5 S6	80,91 oct.; 100 oct. on req.
(P) Alturas (new)	6.8 WNW,riv S	5034	63h	
Alturas #1	1 W,RR S	4391	28 S6	80 oct.
Amedee Flight Strip (Amedee)	4 SE,RR N	4007	70h	
Arcata	7.6 NNW	217	60h R3 L	Exten experimental lgting.
Ash Creek, USFS (McCloud)(NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE,NW.
Beckwourth	0.8 ENE,RR S	4900	28 S6	80,91 oct.
Benton Airpark (Redding)	1.1 WSW,riv E	719	25 L3 S4	80, 91 oct.
(N) BIDWELL (Red Bluff)	1.7 SSW,RR E	354	40h R1 L5 S4	80,91,100 oct.
→ * Blue Canyon Int,13,SF-SL	1.1 NNE,RR S	5280	34 L3	Obsts N, E. RR E.
Cedarville	0.6 S,lake E	4260	26 S2	80 oct. Pwr line E.
→ Cheim (Marysville)	1.5 NE,hwy S	67	30 S6	80,91 oct. Wire SW. Levee N,NE.
Chester, USFS (NC)	1.5 SSW,RR N	4525	31	18' pole line W. Closed to Public
(P) Chico	5 N,rd E	237	67h	
Colusa	1.2 SW,RR W	47	29 S4	80 oct. Pole line NNW.
→ Corning	1.3 NE,RR W	300	22 L1 S6	80 oct.
Dalton Com. (Williams)	1 ENE,RR SW	65	30 S2	80 oct. Pwr line S.
(P) Del Norte Co. (Crescent City)	2.5 NW;Ocean W	57	50h L1 S1	
→ * Delta Int, 22, SF-SA	1 S;RR,hwy N	1320	18 L3 S1	800-1000' mtns E, W.
→ Dunsmuir,25B, SF-SA	4.5 N,RR W	3240	30 R1 L3	80,91 oct. Poles E,N, lgtd.
Eureka	2 W,bay E	20	24h	
(P) Fall River Mills	See Shasta Sky Ranch under "New Airports" - name changed.			

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fort Jones (NC)	1.5 W,riv SW	2745	30	Pole line NW.
→ Gasquet (Crescent City) (NC)	13 ENE,hwy S	390	31	Hazardous-bad approach. USFS
Grass Valley	0.8 W,hwy N	2600	18 S1	Ltd 80 oct. Trees sur fld. P-line NE.
→ Gravelly Valley, USFS (Upper Lake) (NC)	20 N, lake S	2000	49 S2	Road crosses NE/SW strip. No fuel. Trees NE,SE,NW.
Gridley	0.7 ENE,RR W	97	26 S6	80,91 oct. Pole line N,S.
→ Hayfork, USFS (NC)	1.2 E;hwy N	2350	30	Pole line W, mts E. Closed to Public
→ Humboldt County (Eureka)	3.6 ENE;hwy N	10	18h S6	80,91 oct. Poles NW. Rnw
Mendocino (Little River)	2.5 SE	572	53h S3	80,91 oct.
→ Montague	1 W;hwy S	2520	32 L3 S6	80, 91 oct.
Nevada City	1.5 NW,rd S	3060	26 S4	80 oct.
(P) [Oroville]	3 SW,riv E	199	60h L5 S2	80,91 oct. Port rnwy lgts prior req.
Patrick (Chico)	2 SSE,RR E	189	34 S6	80,91 oct. Poles N.
→ Pinnegar (Anderson)	1 S, creek N	435	23 S1	80 oct. Cattle on fld. hill SSE.
Ranchaero (Chico)	2.2 WSW,riv W	170	22 S4	80, 91 oct. Hwy NE.
Ravendale (NC)	0.2 N,RR W	5260	18	
→ Redding	7.5 SE,riv S	500	60h L S2	80,91 oct.
→ Round Valley (Covelo)(NC)	0.7 SW;hwy E	1385	30	
★ Secret Valley Int,52,RV-ND	3.6 ESE Karlo	4435	50	Day use only.
(P) Siskiyou Co. (Montague)	4.3 NE,RR W	2647	73h L5	
Sky Harbor (Quincy)	2.5 E,RR N	3400	28 S2	73 oct. Poles S.
Susanville	6.5 SE,hwy SW	4150	32 S6	73 oct. Pwr line N.
★ Truckee Int,16B, SF-SL	3.6 ENE,RR S	5820	34 L3	Snow Dec.-April.
→ (P) Ukiah	1 S,RR E	612	40h L5 S6	80,91 oct. Wires NNW
→ Weaverville, USFS (NC)	1 SSE,hwy E	2040	22	80 oct. Poles S. Closed to Public.
★ Williams Int,9, SF-SA	4 S;rd N	139	42 R1 L3	Mtns W. N/S strip soft when wet.
Willits	1.3 ENE,RR	1356	18 S1	80 oct. Trees E. Pole line W.
Willows-Glenn Co.	1.3 WSW,RR E	130	45h L1 S6	80 oct. No sto.
NEARBY				
* Beaver Marsh Int,73,RV-ND		4630	54 L3	6.2 SSW Chemult
Blue Star Arpk. (Eagle Point)	4.5 N,hwy E		20 S2	Data unver.
Civil Air Patrol (Worden)	See Tulana under "New Airports" - name changed.			
* Cow Creek Int,37B,SF-SA	2.5 ENE Glendale	1429	23 L3	Creek S.
(P) Curry Co. (Denmark)	3.8 WSW	214	51h L5	All lgts prior req.
Illinois Valley Landing Field (Cave Junction) (NC)	4.3 SSW,river 1 E	1350	43	Trees NNE. USFS
Klamath Falls	4.9 SSE,RR NE	4085	71h R1 L5 S5	80, 91, 100 oct. Fld lgts on req.
Lakeside	0.25 NE,hwy W	20	30	Pole line S.
Lakeview	3.5 SW,RR E	4728	53h S6	80,91 oct.
(A,N) MEDFORD	3.2 N,RR E	1329	54h R2 L5 S4	80,91,100 oct. Pole line NE. NATS
* Myrtle Creek,Int,39A,SF-SA	4 SW,riv,RR W	640	25 L3 S1	80 oct. Hill N.
(P) North Bend	1.2 WNW,bay NE	17	50h	
Piercy (Medford)	2.6 NW,RR E	1325	20 S4	80,91 oct. No sto. Poles SE.
★ Roseburg Int,41A,SF-SA	2.4 NNW,RR E	500	38 S6	80,91 oct. No sto.
Sutherlin Sky Ranch	3.8 ENE,rd E,S	575	18 S1	80 oct.
Tri-City (Riddle)	3.5 NE,RR N,W	700	19 S1	80 oct. P-line N,S.
NEW AIRPORTS				
B & H (Creswell,Ore.)	3.3 SSW;RR E	620	16 S6	80 oct. Trees NNE
Cottage Grove (Ore.)	1.9 S;riv S	640	22 S1	80 oct.
Grants Pass (Ore.)	1.6 N;RR W	1050	26 S5	80 oct. Poles, trees N.
101 Hereford Ranch (Laytonville,Calif.)	1 S;hwy E	1635	18 S1	80 oct.
(P) Shasta Sky Ranch (Fall River Mills,Calif.)	1 N;riv E	3300	33 S2	80 oct. Rnwy data unver.
Elk Creed (Calif.)	0.7 SSE;hwy W	725	16 S1	80 oct. Obst sur fld.
Leith's (Gold Beach,Ore)	Adj W	16	23 S1	80 oct. Data unver.
Bieber (Calif.)	1 NE;riv W	4155	33	Soft in winter.
Westwood (Calif.)	1.5 W;hwy N	5100	22	
Tulana (Worden,Ore)	1 S;RR NW	4080	37 S6	80 oct. No sto. Pwr line NNE.

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Air Term.)	350(BE)(vhf)	SBRAZ-DTV;110°,2.5	(3);116.1,122.1
BOISE AIR TERMINAL	278(126.18) (118.3)	AC	(4);126.18,118.3,122.5
EAGLE FM	(- - - -)	FM, 301°,11,5	Boise
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-DTV, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-DTV, 200°, 0.8	(4), 116.1
→ FALLON (OLF)	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-DTV 228°, 2.6	(4);116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-DTV 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno

V RADIO FACILITIES

HUBBARD (Reno)	278	CI	(4)(5-20 Wed,Sat,Sun; 8-16 other days.)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker;(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice, + = Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW			ABANDONED
Boise Airpark	1.8 WNW,RR S	2660	25 S6	73,80 oct.Trees SSE, NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S2	73 oct.
Floating Feather (Eagle)	2 E,hwy W	2635	38 S4	80 oct.Soft when wet.
(P) Glenns Ferry	1.3 WSW;RR N	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	See Boise Air Terminal under "New Arpts"-name chg.			
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (see page XIII)NC)-Not charted → NEW OR REVISED DATA

NEVADA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3 S1	
→				
★ Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
→ Carson City	3.1 NE,hwy W	4684	52 S6	80,91 oct.Mts N,hill W
(P) ELKO-KEDDIE	1.8 W,RR S	5066	62h R1 L5 S4	73,91,100 oct.Hills SE.
★ Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon OLF	6 SE,hwy S	3931	70h	
→ HUBBARD (Reno)	3.4 SE:hwy W	4404	64h R2 L5 S4	80,91 oct.
★ Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
→ Lahontan (Fallon)	1.4 SSW;hwy W	3980	24 S4	80 oct.Poles ENE,WSW
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 L S6	80 oct. Port rnwy lgts
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	on prior req.
→ Orovada (NC)	1.2 W,hwy E			ABANDONED
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct.Poleline W.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

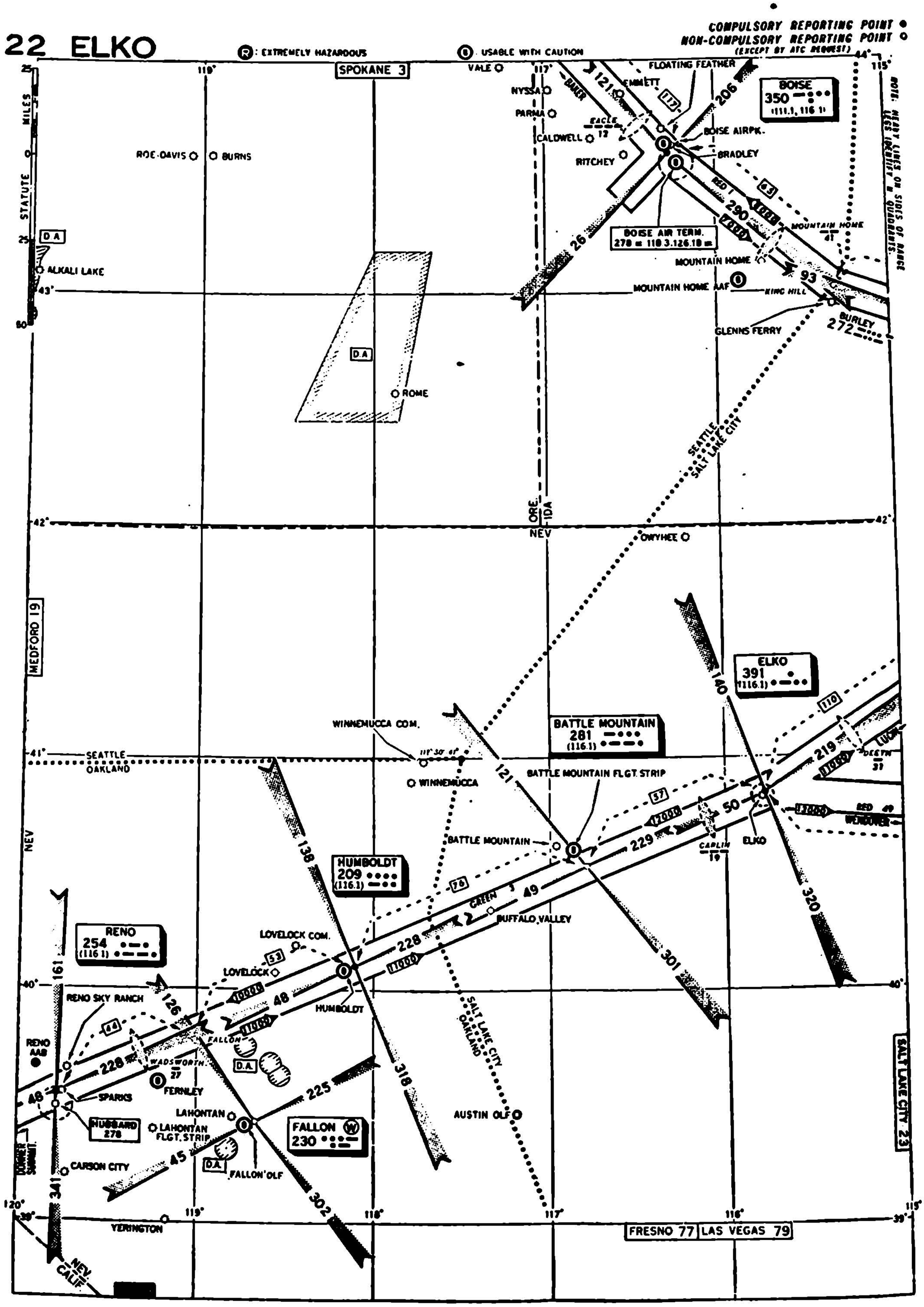
OREGON

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
→ Rome Flgt Strip	23.9 SW;hwy E	4050	60h L	Emerg only.
Vale	1.2 SSW;rvr E	2250	23 S2	80 oct. P-line NE.

NEW AIRPORTS

(NG) BOISE AIR → TERMINAL, (Idaho)	4.5 SSW	2857	77h R2 L5 S6	80,91 oct.

22 ELKO


COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SPOKANE 3
VALE
NYSSA
PARMA
CALDWELL
ROE-DAVIS
BURNS
ALKALI LAKE
ROME
BAKER
121
EMMETT
FLOATING FEATHER
206
BOISE
350
(111.1, 116.1)
EAGLE
BOISE AIRPK.
BRADLEY
RITCHEY
BOISE AIR TERM.
278 ∞ 118 3.126.18 ∞
26
290
63
MOUNTAIN HOME
41
MOUNTAIN HOME
MOUNTAIN HOME AAF
KING HILL
93
GLENNS FERRY
BURLEY
272
DESTIN
31
MILES
STATUTE
D A
43°
42°
41°
80
25
0
25
119°
118°
117°
116°
115°
44°
ORE.
IDA
NEV
SEATTLE
SALT LAKE CITY
ONYHEE
MEDFORD 19
SEATTLE
OAKLAND
WINNEMUCCA COM.
WINNEMUCCA
BATTLE MOUNTAIN
BATTLE MOUNTAIN FLGT. STRIP
121
138
HUMBOLDT
209
(116.1)
ELKO
391
(116.1)
140
110
219
57
50
49
229
CARLIN
19
ELKO
320
GREEN
BUFFALO VALLEY
76
228
301
RENO
254
(116.1)
LOVELOCK COM.
LOVELOCK
53
161
126
48
HUMBOLDT
RENO SKY RANCH
64
RENO
AAB
FALLON
WADSWORTH
27
FERNLEY
D.A
318
SALT LAKE CITY
OAKLAND
SALT LAKE CITY 23
225
SPARKS
LAHONTAN
HUBBARD
278
LAHONTAN
FLGT. STRIP
AUSTIN OLF
FALLON
230
W
45
CARSON CITY
FALLON OLF
341
302
YERINGTON
NEV
CALIF
FRESNO 77
LAS VEGAS 79

SALT LAKE CITY 23

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

GREAT FALLS 6 | ST. ANTHONY | REXBURG | JACKSON | FRIEDMAN | CAMAS CO. | GOODING 215 (116.1) | FLYING BAR "S" | ALBERT | On request | BURLEY 272 (116.1) | IDAHO FALLS 359 (116.1) | IDAHO FALLS | POCATELLO | HAYFIELD | POCATELLO AAF | ABERDEEN | UNIVERSITY | POCATELLO 257 (111.1, 116.1) | AMERICAN FALLS | AFTON | GOODING | JEROME | TWIN FALLS | BURLEY | IDAHOME | MALAD CITY 314 (116.1) | MONTPELIER | BEAR LAKE CO. | COKEVILLE | IDAHO NEV. | SAN JACINTO | STREVELL | STREVELL 335 (116.1) On request | LUCIN 302 (116.1) | MALAD CITY | PRESTON | LOGAN-CACHE CO | HILLCREST | KEMMERER | FORT BRIDGER 382 (111.1, 116.1) | TREMONTON | CORINNE 23 | BRIGHAM | OGDEN 263 (116.1) | HINCKLEY 284 | HUNTSVILLE 19 | EVANSTON (NEW) | OGDEN ARPK. | HILL AAF 396 126.18 | FORT BRIDGER | LUCIN | PROMONTORY POINT | WELLS | WENDOVER AAF 201 126.18 | LAYTON 18 | BOUNTIFUL | EVANSTON | VENTOSA | LOW | TIMPIE 37 | SALT LAKE CITY NO. 1 278 118.3 | UTAH CENTRAL | GRANTSVILLE | SALT LAKE NO. 2 | MIDVALE | ALTA | KNOLLS | WENDOVER 248 | SALT LAKE CITY 227 (111.1, 116.1) | TOOELE | RIVERTON 20 | FAIRFIELD | DUGWAY AAF | PROVO | SPANISH FORK | FAIRFIELD 362 (111.1, 116.1) | NEPHI | CARBON CO. | MT PLEASANT | DELTA 212 (116.1) | DELTA | MANTI-EPHRAIM | YEL LAND | NEV. UTAH | D.A. | TO ELKO | ELKO 22 | TO ROCK SPRINGS | ROCK SPRINGS 26 | TO MILFORD

102 | 192 | 388 | 332 | 176 | 12 | 282 | 186 | 56 | 93 | 326 | 147 | 271 | 92 | 9 | 269 | 152 | 330 | 156 | 61 | 260 | 79 | 244 | 67 | 237 | 332 | 162 | 336 | 78 | 250 | 66 | 246 | 149 | 182 | 343 | 92 | 272 | 187 | 97 | 277 | 7

115° | 114° | 113° | 111° | 110° | 44° | 43° | 42° | 41° | 40° | 39°

STATUTE MILES 0 25 50

OVER

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURLEY	272(BX)(116.1)	SBRAPZ-DTV;200°,2.7	(4);116.1
GOODING (new)	215(GG)(116.1)	MHTV	(4);116.1,122.1
IDAHO FALLS (Mun.)	359(IF)(116.1)	SBMRAZ-DTV;192°,2.6	(4);116.1
MALAD CITY (Int.)	314(WT)(116.1)	SBRAZ-DTV;131°,3.4	(4);116.1
POCATELLO	257(PQ)(vhf)	BMRLZ-DTV;56°,2.5	(4);116.1,122.1
STREVELL	335(TV)(116.1)	MHPV	(4);116.1
UTAH			
CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212 (VZ)(116.1)	SBRAZ-DTV, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362(JL)(vhf)	BMRLZ-DTV,2°,4.4	(4);116.1,122.1
HILL,(Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (JB)(116.1)	BMRLZ-DTV;156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-DTV,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4) (0830-2130,Wed-Sun:1130-2130,Mon,Tues)
SALT LAKE CITY	227 (SL)(116.1)	SBRAZ-DTXV;163°,2.9	(3); 116.1
Salt Lake City Arpt. #1	278 (118.3)	C (ILS-W)	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18
WYOMING			
FORT BRIDGER (Int.)	382(HM)(vhf)	SBRAZ-VDT.228°.2.4	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE CITY	110.3 ••• •-••	335	343°	IM-	MM- •-•• (0.71)	OM- -- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW;canal E	4460	32 S6	80 oct.
Albert (Richfield)	5.2 NE,RR W	4400	23 S1	Ltd 80 oct. Hills N,S,W
American Falls	2 NE,RR NW	4404	38 S6	80 oct. Poles S.
Arco (NC)	1.5 ESE;RR SW	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE;rd S	5928	57h	
Buhl (NC)	5.7 W;hwy E	3690	41 S1	80 oct.
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S6	80,91 oct.Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31 S1	80 oct.P-line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	80 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	80 oct.
(P) Gooding	3.5 WSW,hwy N	3730	49h R1 L5 S6	80,91 oct.
Gooding (old)	4 SSW			ABANDONED
(P) IDAHO FALLS	2 NW,riv,RR E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4460	29 L3	
Jerome	3.3 ENE	3980	31 S1	80 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30 S2	80 oct.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h L3	73 oct.
Montpelier	0.6 NNE,RR WSW	5965	30 S1	73 oct. Mtn NE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC (not charted). ➤ NEW OR REVISED DATA

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 W/NW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 S2	80 oct.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S4	80 oct. Poles, trees NNE.Rnwy data unver
* Strevell Int, 10, SL-PO	0.3 NNW,hwy W	5270	31 R1 L2	Hwy S.
➤ Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	40 S6	(NC) 91 oct. Trees N
(P) Twin Falls	6.5 S;Canal S	4200	40 S6	80,91 oct. Strips only-wet weather.
➤ University (Ham's)(Pocatello)	1 ENE,hwy W	4550'	35	Hills N,S. Emerg only.
➤ Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	31	P-line SE,trees NW Emerg only.
NEVADA				
* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W	5665	29 L2	
➤ Yelland (Ely)	3.5 NNE;RR W	6258	60h S6	80,91 oct.
UTAH				
➤ Alta Arpk (Sandy)	2.3 E,RR W	4800	30 S6	80,91 oct.Hwy W.
Bountiful Sky Haven	2.6 WSW,rd E	4222	38 S4	80 oct. Pole line N,NW,SE.
Brigham	3 NW,RR S	4220	37 L3 S6	80 oct.
Carbon County (Price)	2.8 E,RR W	5800	43 S6	80 oct.
Delta	4.8 ENE,	4755	61h R1 L5 S2	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE,riv W	5700	55	Pole line W, NW.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	26 S6	80 oct. Mtn SSE.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	42 L3	
➤ Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80,91 oct.P-line NE,SE.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4413	50 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S2	No fuel.
➤ Midvale	3 WSW;RR NW	4500	24 S6	80 oct P-line SE. Ctn when wet.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S2	80 oct.
Myton (NC)	1 E,riv N	5090	31	
Nephi	2.5 NW,RR E	4800	48 S1	Ltd 80 oct.
Ogden Airpark	4 S,hwy NE	4700	31 S6	73 oct. No sto.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	
(P) Provo	2.8 WSW,RR N	4490	71h L5 S6	80,91 oct. Fld lgts prior req.
(NG) SALT LAKE CITY #1	5 WNW;hwy S	4222	55h R3 L6 S6	80-100 oct.Rdo rec rqrd.Ltd 100 oct
➤ Salt Lake City No. 2	10.5 SSW,RR W	4617	56h S6	80,91 oct. 2-ech maint NG
➤ Spanish Fork	2 NW,RR SE	4560	42 S6	80,91 oct.
Tooele (NC)	1.4 WSW,RR W	4800	30 S4	80 oct. No sto. Mtns SE.
Utah Central(Salt Lake City)	4 SW,RR N	4240	28 S4	73 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4240	81h R2 L5 S6	73,91,100 oct. JP-1.
WYOMING				
➤ Afton	0.3 SW,hwy E	6239	29	N blkd.
➤ Big Piney (NC)	2 N;hwy E	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston	3.6 SSW	6800	39 S1	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	52	
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
➤ Signal Mountain (Moran)	2 3 S	6800	45	Mtn 2 mi N.
NEW AIRPORTS				
Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.
➤ Evanston, new (Wyo.)	0 5 NE;hwys S,W	6730	30 S3	80 oct.Pwrline W.
San Jacinto (Nev.)	0.2 NE;RR W	5200	47 S1	91 oct.Batt.lgts on req.
Tremonton, (Utah)	0.5 W;hwy S	4322	28 S1	80 oct. S blkd.
Andrew (Shoshone,Idaho)	2.5 E;hwy N	4000	25	Soft in spring.
Adkins (Richfield,Idaho)	4.5 SW;riv S	4150	17 S2	81 oct.Soft in spring.

RADIO — COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	BVAR-DTV	3105,3117.5;116.1,122.1
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	BVAR-DTV (ILS)	3105,4495,3117.5; 116.1,122.1

RADIO — WYOMING

CASPER(Wardwell)	269(CW)(116.1,111.1)	SBRAZ-DTV;256°,2	(4);116.1,122.1
CASPER AAF	396(126.18)	CA	(3); 126.18
DOUGLAS	251 (DQ) (116.1)	BHTV	(4) :116.1
→ LARAMIE (Brees Fld)	245(LR) (116.1, 111.1)	SBMRAZ-DTV 137°, 2.2	(4);116.1,122.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
→ ROCK SPRINGS (mun)	290(RT)(116.1)	SBRAZ-DTV, 246°,2.8	(4);116.1,122.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-DTV, 80°, 1.7	(4);116.1,122.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WALKER	110.3 •---	335	110°	IM-	MM- •-•-(0.69)	OM- -- (4.52)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	Closed till June '47
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE.
Glenwood Sprgs.	2 S	5900	38 S1	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.

AIRPORTS — UTAH

→ Roosevelt	1.3 NE;hwy S	5000	51 S2	80,91 oct. P-line NE,E, SE.
→ Vernal (new)	1 SSE;hwy N,E	5280	32 S6	80,91 oct.Use strips
→ Vernal (old)	7 ESE;riv 4 E	5200	34	Soft when wet. only.

AIRPORTS — WYOMING

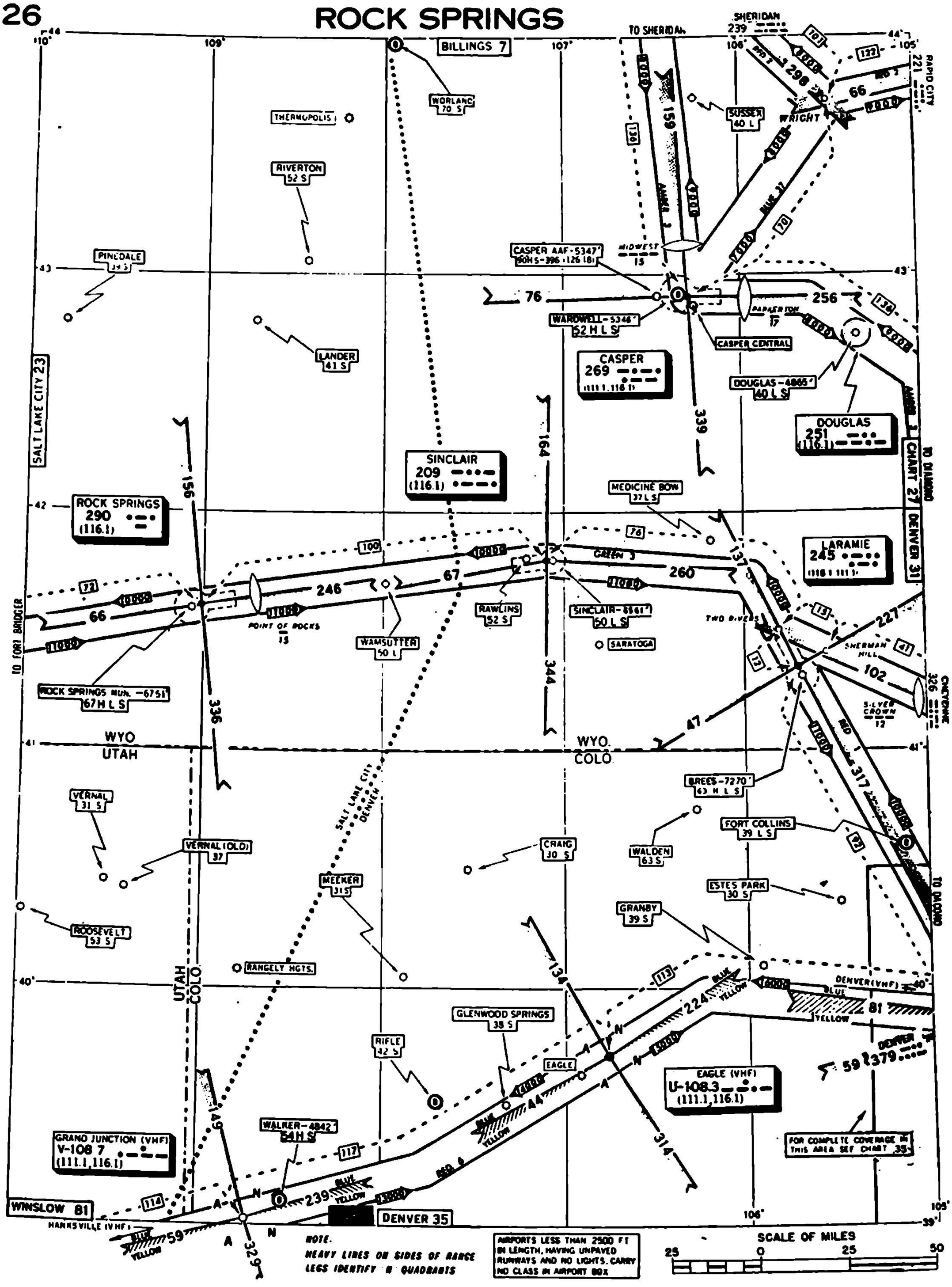
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h R1 L S2	100 oct.
→ Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S2	73 oct. P-line NE.
→ General Brees (Laramie)	See Brees Field under "New Airports" - Name changed			
→ Lander	1.5 S;riv W	5550	41 S2	73 oct.
Medicine Bow,31, SL-OH	1,3 SE;RR N	6640	37 L3 S1	73 oct
→ Pinedale	5.5 SSE;hwy N	7200	39 S1	80 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS. (new)	8.8 E;RR N	6751	67h R1 L5 S2	73,80,91,100 oct;80 oct daylgt hrs only.
Rock Springs (old)	3.8 NNW	6370	58	(NC)
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3	
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
→ Thermopolis	1 N; riv W	4400	36 S1	80,91 oct.Hill SW.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
→ WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,80,91 oct.
(P) Worland	2.5 S;canal NW	4185	68 S1	80 oct.

NEW AIRPORTS

Casper Central (Casper Wyo.)	3 NE;RR S	5100	28 S2	80 oct.Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.
Brees (Laramie, Wyo)	4 W	7270	63h R1 L5 S6	91,100 oct.
→ Shoshoni (Wyo)	1 W;riv 2.5 W	4820	40 S4	80 oct.S blkd.P-line SE
→ Laramie (Wyo.)	4 S;hwy W	7218	38 21	Fuel.100' Stack NW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

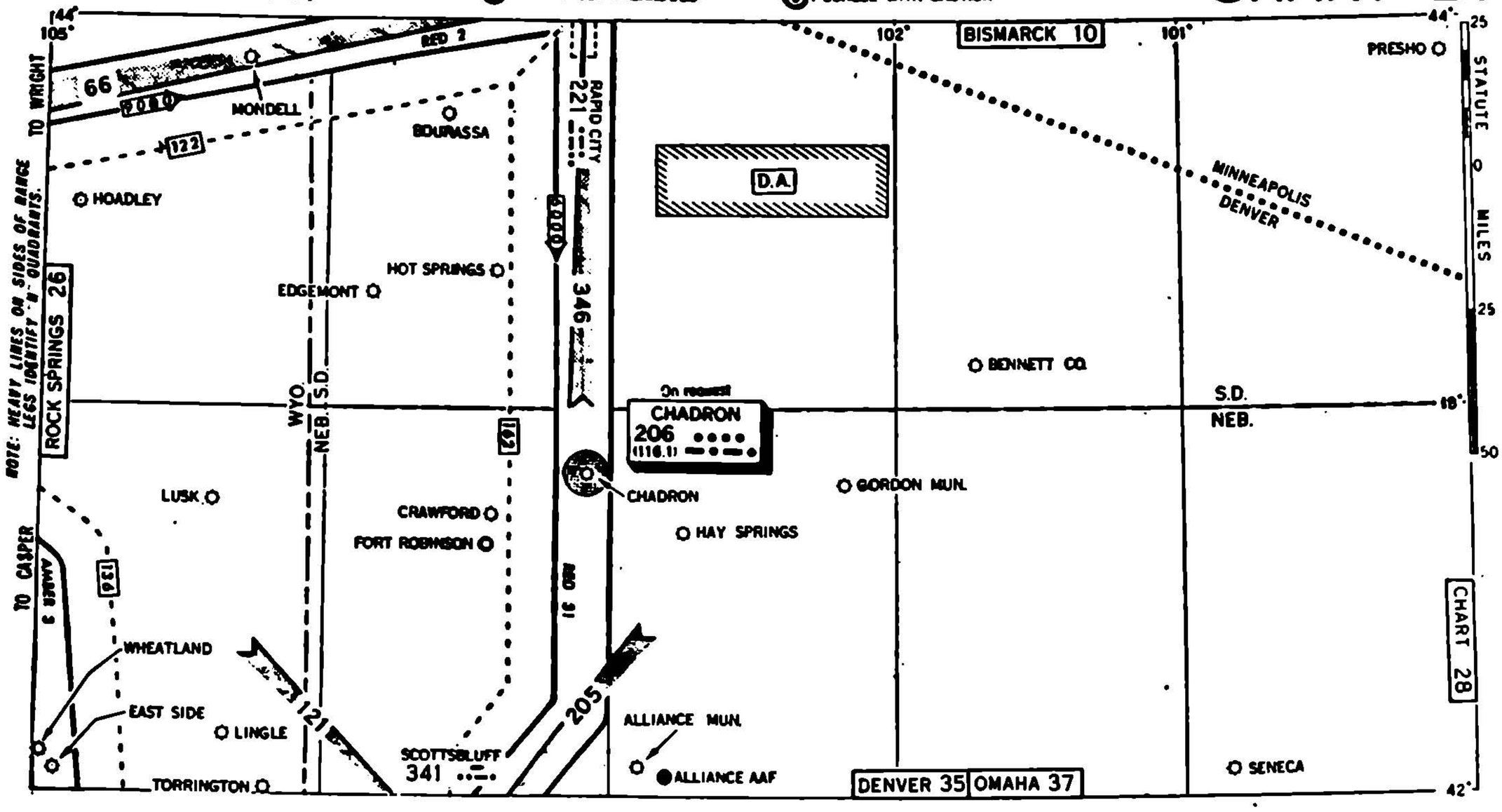
ROCK SPRINGS



● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION

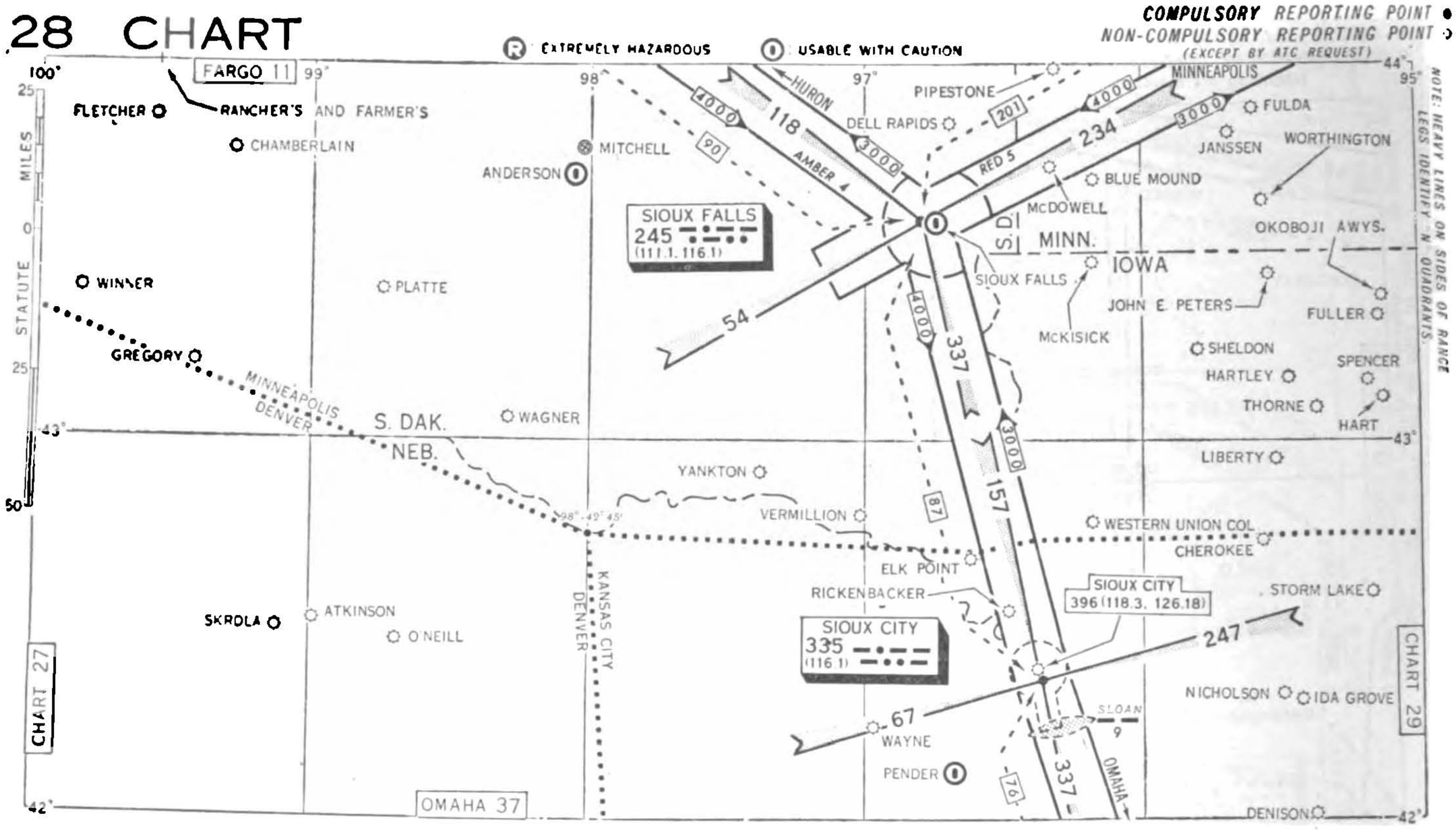
CHART 27



FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(A) Alliance AAF (Nebr) (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance Mun. (Nebr)	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
(P) Bennett Co. (Martin, S.D.)	4.4 SSE;riv N	3325	30 S1	73 oct. P-line sur fld.
Bourassa (Custer, S.D.)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W, NW.
CHADRON H Fac. (Nebr)	206(HC)(116.1)		MHTV	(4); 116.1
(P) Chadron, 15, CX-HR (Nebr)	4.8 W;hwy S	3312	45 L3 S4	73 oct.
→ Crawford (Nebr)	3.8 NNW;hwy E			ABANDONED
East Side (Wheatland, Wyo)	0.7 E;RR W	4750	23 S4	80 oct.
Edgemont (S.D.)	1.1 SW	3575	30 S2	73 oct.
(A) Fort Robinson (Nebr) (A)	2 S;RR N	3920	18	
Gordon (Nebr)	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Hay Springs (Nebr)	2.5 W;hwy E	3840	17 S2	80 oct. P-line N.
Hoadley (Dull Center, Wyo)	9.4 NE	4176	24 S1	73,80 oct.
(P) Hot Springs (S.D.)	5.5 SSE;riv N	3075	52 S2	73 oct.
Lingle (Wyo)	1.2 N;RR S	4200	30	P-line SE.
→ Lusk (Wyo)	2.9 E;RR S	5000	42 S1	80 oct. P-lines SE,S,NW,N.
Modisett (Rushville, Nebr)	2.4 NE;RR S	3475	30	Bldgs, p-line E.
→ Mondell (New Castle, Wyo)	6.2 WNW;RR N	4260	36 S2	80 oct. P-line N,E.
Presho Mun. (S.D.)	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.
Seneca (Nebr)	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW. NW
(P) Torrington (Wyo)	3.4 S;hwy W	4350	40 S2	73,91 oct. P-line S,SE,SW,W
Valentine (Nebr)	1.5 SSE;hwy E	2579	18	Not maintained. Rough. Poles
→ (P) Wheatland,6,CX-GT (Wyo)	3.4 NNW;riv N	4648	46 L3 S6	73,80,91 oct. Rough. NE.
NEW FACILITIES				
→ Murdo (S.D.)	1 WSW;hwy E,S	2300	25 S1	80 oct. NE,E blkd. Use ctn.
→ Wall (S.D.)	0.5 NW;RR E	2800	33 S2	73 oct. NE,E,SE,S blkd

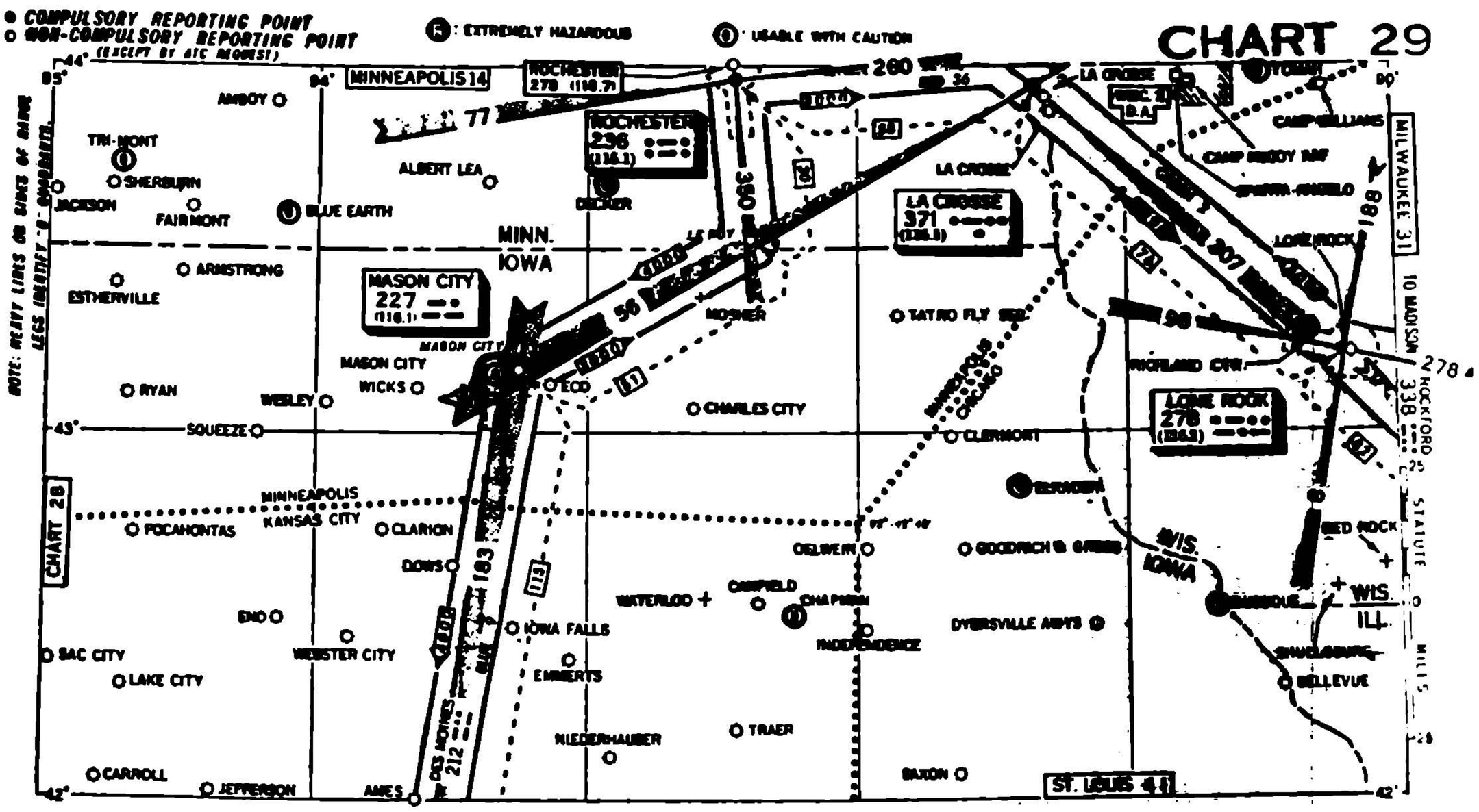
S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways.
R-radio facilities. L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted.
[Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

28 CHART



FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Ainsworth, mun.(Nebr)	7 WNW;RR S			ABANDONED
Anderson(Mitchell,S.D.)	2.7 W;RR N	1293	29 S6	80 oct.Poles sur fld.
Atkinson (Nebr)	1.4 SW;riv NE	2109	22	Trees S.P-line E,SE, N, NW.
Chamberlain (S.D.)	3.4 SE;hwy N	1689	26 S2	73,80 oct.Poles N,NW.
Cherokee (Iowa)	1 S;RR W,S	1218	19 S1	80 oct.
Dell Rapids Mun.(S.D.)	1.6 NE;RR SE	1450	20 S1	73 oct.
Denison (Iowa)	2.4 WSW;rivSE	1200	20 S2	80 oct.Trees SSW.
Elk Point (S.D.)	2.4 E;riv NE	1120	26 S2	80 oct.Poles N,NW.
Fletcher (Reliance,S.D.)	2 SE;RR NE	1600	20 S1	80 oct.
Fuller (Milford,Iowa)	0.7 NNW; hwy E	1440	36 S6	80 oct.Trees,poles E, W,S. Lake N.
Gregory (S.D.)	2.2 S;RR NE	2000	22 S2	73 oct.P-line E,SE.
Hart (Spencer, Iowa)	1.6 S;hwy N	1100	26 S4	80 oct.P-line NE,N.
John E. Peters (Ocheyedan, Iowa)	1.5 N;hwy S	1425	24 S2	80 oct.25' p-line S.
Liberty (Sutherland,Ia)	2.1 WSW	1465	23 S6	80 oct.35'p-line E.RRW
McDowell (Luverne) Minn.)	8 NW;hwy W	1640	25 S2	80 oct.
McKisick (Rock Rapids, Iowa)	3 N;riv W	1361	31 S4	80 oct. Trees W.
(A) Mitchell AAF (S.D.)(A)	4 N;hwy E	1292	67h	CLOSED.
Nicholson (Ida Grove,Ia)	1.9 WSW	1120	20 S1	80 oct. RR N.
Okoboji Airways (Spirit Lake, Iowa)	2.8 SW;hwy E	1450	20 S2	80 oct. Poles NE.
Pender (Nebr)	1 NE;RR SW	1400	22 S2	73 oct.P-line S,SE.
Pipestone (Minn)	1 SE;RR E,W	1735	25 S6	80, 91 oct. No sto.
Platte (S.D.)	1.2 NNE;RR SW	1650	28 S1	80 oct.Poles SE,S
Rancher's & Farmer's (Reliance, S.D.)	9 N;rd N,S		30 S1	73 oct.Data unver.
Rickenbacker (Stevens, S.D.)	1 N;riv E	1114	28 S6	80, 91 oct.
Sheldon (Iowa)	5 NNE;RR W	1444	33 S6	80 oct.P-line S,W,SW,SE
SIOUX CITY Range (Iowa)	335(YX) (116.1)	337°, 1.9	SBMRLZ-DTV	(3);116.1,122.1
SIOUX CITY Tower (Iowa)	396 (126.18, 118.3)		AC	(4);126.18,118.3,122.5
(A) [Sioux City] (Iowa)	7 S;RR E	1097	69h L5 S4	80,91 oct.;91,100 oct.
SIOUX FALLS Range (S.D.)	245(YL)(vhf)	93°, 2.2	SBRAZ-DTV	(4);116.1,122.1 mil.acft.
(NG) [Sioux Falls Mun.] (S.D.)	2.5 NNW;RR E	1420	57h L5 S6	80,91 oct;73,100 oct,
(P) Skrdla (Stuart,Nebr)	7.5 S	2090	30 S1	73 oct. 3-ech maint NG
(P) Spencer (Iowa)	2.9 WNW	1335	40 S6	80,91 oct. RR S
Storm Lake (Iowa)	3.5 SSW;1k NE	1300	36 S2	80 oct.
Thorne (Moneta, Iowa)	2.5 S	1410	25 S2	80 oct.P-line,trees W.
Vermillion (S.D.)	3.8 WNW	1140	25 S4	80 oct.Poles N.RR NE.
Wagner (S.D.)	1.3 S;RR N	1464	30 S1	73 oct.Poles E,NW.
(P) Wayne (Nebr)	1.8 E;RR N	1475	33 S4	80 oct.P-line NW,
(P) Western Union (Le Mars, Iowa)	1.3 SW;RR SE	1190	30 S6	80 oct. Low obst
Winner (S.D.)	1.3 NE;RR SW	2038	26 S6	80,91 oct.
Worthington (Minn)	1.6 N	1570	32 S6	80 oct.No sto.Rot bcn
(P) Yankton (S.D.)	2.3 N;hwy W	1400	37 S6	80 oct. Twr E. in town
NEW FACILITIES				
O'Neill (Nebr.)	0.5 N;hwy N	2100	35 S6	80 oct.N,SE,S,SW blkd,
Janssen (Fulda, Minn)	5.5 SW	1500	21 S1	80 oct.
Fulda Mun (Minn)	0.5 NNW	1532	20 S4	80 oct.No sto.P-line S,
Hartley (Iowa)	7 SE;RR NE	1490	26	P-line SE.
Blue Mound Air Svc (LuVerne,Minn)	3 NNE;RR NW	1440	30 S2	80 oct.
Ida Grove Flying Svc (Ida Grove,Iowa)	2.5 SE;RR N	1100	20 S2	80 oct.
Ainsworth Mun (Nebr)	7.5 WNW;RR N	2580	73h L5 S6	80,91 oct.No sto.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210; 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs. h-hard surfaced runways. R-radio facilities. L-lighting facilities S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Albert Lea (Minn)	2.3 N;RR E	1255	32 S6	80 oct. P-line N
Amboy (Minn)	1 NNE;RR W	1000	24 S2	80 oct.
Ames (Iowa)	2.5 SSW;RR NW	920	25 S6	80 oct. Lgt acft only.
Armstrong (Iowa)	3.2 NW;hwy S	1250	22 S1	Ltd 80 oct. Trees E.
→ Bellevue (Iowa)	3.1 N;riv E	652	18 S1	80 oct. Rough
Blue Earth (Minn)	3 S;RR E	1111	26 S1	80 oct. Flares on req.
(A) Camp McCoy (Wis)(A)	2 SSW	830	30	
(P) Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h	
Canfield (Waterloo, Iowa)	3.5 NW;RR NE	800	32 S6	87 oct. P-line N.
Carroll (Iowa)	4.2 ESE;RR N	1196	34 S2	80 oct.
Chapman (Waterloo, Ia)	5 E;RR NW	870	33 S6	80 oct. P-lines S.
Clarion (Iowa)	1.1 NW	1162	27 S6	80 oct.
Clermont (Iowa)	0.8 S;riv W	800	21 S6	80 oct. P-line SE, NE.
→ Conrad (Iowa)	3 WNW;RR S			ABANDONED. Volkd.
Decker (Austin, Minn)	1.7 E;hwy N	1224	29 S6	80 oct. No sto. N, S, W
↘ Dows (Iowa)	1.5 SSE;RR NE	1144	26 S2	80 oct. NW,
(P) Dubuque (Iowa)	1.9 NE;riv E	602	27 S6	80, 91 oct. Poles S, SE,
Dyersville Arwys (Ia)	0.8 S;RR NE	940	16 S1	80 oct. Pwr lines NW,
Elkader (Iowa)	1.1 ESE;RR S	915	19 S2	80 oct. P-line NW. NE. Rnwy data unver.
(P) Emmerts (Eldora, Iowa)	2.8 NE;lk SW	1000	32 S6	80 oct. Poles NW, SE.
Eno (Ft. Dodge, Iowa)	2.5 E;hwy W	1126	27 S6	91 oct.
(P) Estherville (Iowa)	3.5 E;hwy S	1298	35 L S6	80 oct. Port rnwy lgts. Poles SE, SW.
Fairmont (Minn)	3.1 S;hwy W	1190	25 L S1	80 oct. P-line W. Flares
Goodrich & Gross (Strawberry Pt, Iowa)	3.5 W;RR NE	1200	19 S1	Ltd 80 oct on req
→ Grundy Center (Iowa)	1.3 ENE;RR S			ABANDONED
→ Henry's (Floyd, Iowa)	5 NNE;RR W	1110	14 S1	ABANDONED
Independence (Iowa)	4.1 W;RR E	990	23 S2	80 oct. Poles N.
Iowa Falls (Iowa)	4.1 S;RR E	1140	24 S2	80 oct.
Jefferson (Iowa)	0.8 NNW;RR S	1052	23 S6	80 oct. No sto. P-line N.
LA CROSSE Range (Wis)	371 (LE) (116.1)	127°, 1.8	SBRAZ-DTV	(4); 116.1
(P) La Crosse (Wis)	5 NNW	653	53h L5 S4	No flood lgts. 80, 91 oct. Bet rivs.
* La Crosse Int, 23A, CG-Twin Cities (Wis)	3 NNW; RR NE	667	37 L3	Pole E.
Lake City (Iowa)	3.5 NNE;RR S	1200	26 S1	80 oct.
LONE ROCK Range (Wis)	278 (LK) (116.1)	98°, 0.0	BMLZ-DTV	(4); 116.1
* Lone Rock Int, 15, CG-Twin Cities (Wis)	2 N;rd W, N	714	39 L6 S2	80, 91 oct. No flood lgts. P-line NE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
MASON CITY H Fac. (Ia)	227 (NM) (116.1)		BHTV	(4); 116.1, 122.1 (cont.)
(P) Mason City (Iowa)	7 W;hwy S	1215	56h L5 S6	80, 91, 100 oct. Poles
Mosher (Riceville, Ia)	1 W;hwy S	1263		80 oct. P-line S. SSE. Data unver.
→ Niederhauser (Marshalltown, Iowa)	2.3 N;hwy E			ABANDONED
Pocahontas (Iowa)	0.8 E	1216	25	Pole line SW.
Red Rock (Darlington)	5 SE;RR E		12 S1	80 oct. Data unver. (Wis)
Richland Center (Wis)	6 SSE;hwy W		23 S1	80 oct. Trees E, S. Data
ROCHESTER Range (Minn)	236 (RR) (116.1)	350°, 2.6	BMRLZ-DTV	(3); 116.1 unver
ROCHESTER Tower (Minn)	278 (116.7)		C	(4); 116.7, 122.5
Rochester Mun (Minn)	1.7 SSE;RR W	1040	43h L4 S6	80, 91 oct. P-line E, N, W
Ryan (Emmetsburg, Ia)	1.3 W;RR N	1225	18 S2	80 oct. Trees NW.
Sac City (Iowa)	3 SSE;riv W	1160	19 S2	80 oct.
→ Saxon (Cedar Rapids, Ia)	7 NE;hwy S	880	26 S6	73 oct. P-line N
Sherburn (Minn)	2 WNW;RRs S, E	1300	21 S2	80 oct. Pwrline ESE.
Shullsburg (Wis)	0.5 S	1000	18 S1	80 oct. Trees SW. Data
Sparta-Angelo (Wis)	2.2 NE;RR E	800	25 S4	80 oct. Poles unver, sur fld.
Squeeze (Algona, Iowa)	5 S;riv S	1201	26 S2	80 oct. P-line NW, W.
Tatro Fly Svc. (Decorah)	2.6 NW;riv W	918	26 S2	80 oct. (Iowa)
Tomah (Wis)	1 E;hwy S.	970	18 S4	80 oct. 180' hill E
Traer (Iowa)	1 ENE;RR SW	895	18 S2	80 oct. P-line E.
Tri-Mont (Triumph)	0.9 S;RR W, E	1250	24 S1	80 oct. (Minn)
(P) Waterloo (Iowa)	4 NW;RR S, E		54h L5 S1	80, 91 oct. Data unver No flood lgts.
Webster City (Iowa)	3.3 SW;riv E	1100	26 S4	80 oct. No sto.
Wesley (Iowa)	1.5 E;RR N	1250	31 S1	80 oct. P-line N, S.
Wicks (Garner, Iowa)	1.8 NW;RR S	1230	26 S2	80 oct. Poles NW, SW.
NEW FACILITIES				
Jackson (Minn)	2 N	1440	28 S2	80 oct. F-line S.
Charles City (Iowa)	3.3 E;RR S	1080	28 S2	80 oct. P-lines N, S, SW, NW.
Eco (Mason City, Iowa)	2.5 ESE;riv S	1215	26 S6	80 oct. P-line N, NW.
Oelwein (Iowa)	3 W	1050	26 S6	80 oct. P-line N, W.
Niederhauser (Marshalltown, Iowa)	4 N;hwy E	900	32 S6	80, 91 oct. No sto. P-line N, W.
Marshall Fld (Marshalltown, Ia)	3 E	890	S6	80 oct. Data unver.

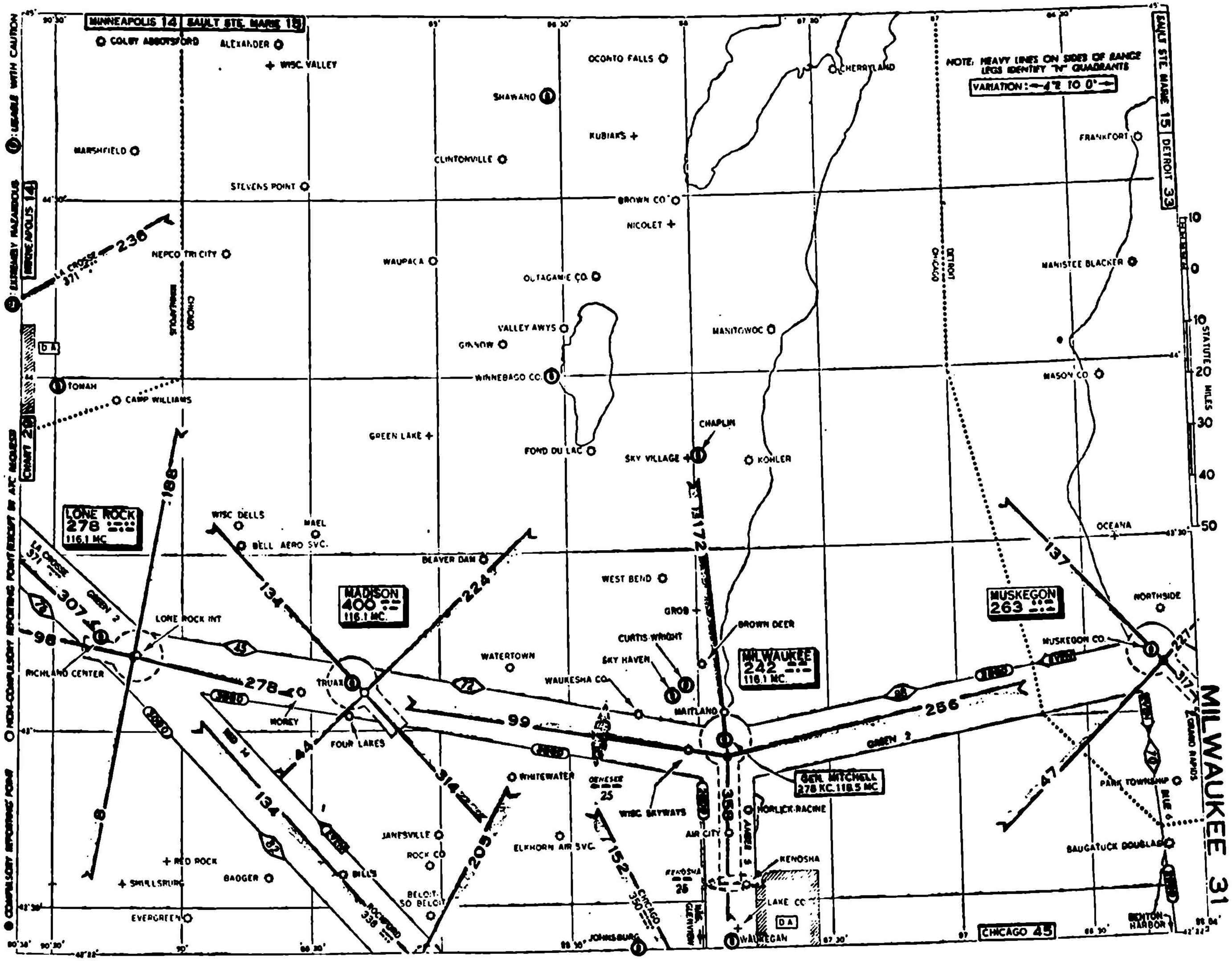
S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice (V)-voice on 116.1 and 122.1 mcs. +Army A.C.S. transmits on and guards 116.1, 122.15, 123.95 mcs. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NE)-Not charted. (Name)-Alaska Stop. U.S. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Air City (Sturtevant, Wis)	0.6 SE;hwy N	633	26 S6	80,91 oct.P-line NW Const. on strips.
Alexander (Wausau, Wis)	2.5 S;riv SW	1191	27 L4 S4	80,91 oct. Lgts prior req
Badger (Monroe, Wis)	1.8 SW;RR N	1080	20 S4	80 oct. Fense S,W.Hwy E
Beaver Dam Inc. (Wis)	1.7 W;lake N,E	910	20 S4	80 oct.
Bell-Aero Service (Baraboo, Wis)	4 NNW;hwy W	980	21 S1	80 oct. N/S strip rough.
Beloit-S. Beloit (South Beloit, Ill)	1 S;RR E	772	33 S6	80,91 oct. Hill NE.
Bill's (Broadhead, Wis)	1.8 S;hwy S	780	24 S2	80 oct. SE blocked.
Brown Co.(Green Bay, Wis)	2.2 WSW;hwy SE	590	28 S6	80 oct.E,ESE,SE blocked.
Brown Deer (Milwaukee,Wis)	10 NNW;RR E	681	25 S6	80 oct. P-lines N.
Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h	
Chaplin Arpk (Plymouth,Wis)	0.5 N;RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay,Wis)	2 WNW	590	40 S2	80 oct.P-line W,S.Bldgs N
(P) Clintonville (Wis)	1 ESE;RR SW	828	34 S6	80,91 oct.NNW blocked. Pwr line NE,SW, W.
Colby-Abbotsford(Colby,Wis)	1.2 NNW;RR E	1400	26 S2	80 oct.P-line NNE.
Curtis-Wright (Milwaukee,Wis)	9 NW;riv W	750	27 S6	80,91 oct.NE,E blkd.Hi-line N.
➝ East Side (Green Bay, Wis)	1.8 SE;RR S			ABANDONED
Elkhorn Air Service (Wis)	1.5 N;hwy E	1000	21 S6	80 oct. Rough and rolling. P-line E, W.
Evergreen (Warren, Ill)	1.4 SSE;hwy W	1000	26 S4	80 oct. Trees W.
Fond du Lac (Wis)	2.6 ENE;hwy S	769	26 S4	80,91 oct.P-line N,NE,NW SE blocked.
Four Lakes (Madison, Wis)	3 SSE;lake N	881	25 S6	80 oct. P-line W.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GENERAL MITCHELL Tower	278 (118.5)		C	(4); 118.5, 122.5
(P) [General Mitchell] (Milwaukee, Wis)	6 S;RR E	676	50h L4 S6	80,91,100 oct.
Ginnow (Omro, Wis)	3 N;hwy E	800	19 S2	80 oct.Trees SW.Rough
Green Lake (Wis)	4 W;hwy S	990	22 S1	80 oct. Data unver.
Grob (Cedarburg, Wis)	2 N	875	24 S4	Data unver.
Horlock-Racine (Racine,Wis)	2 N;RRs E,W	665	25h L1 S6	80,91 oct.Trees N,SE.
Janesville City (Janesville, Wis)	1.8 NNE;RRs NW	880	26 S6	80,91 oct. 51' twr SE; p-line E.
➝ Jefferson (Wis)	1.7 WSW;riv E			ABANDONED.
Johnsburg Arpk (Ill)	0.4 SSW;riv S	740	20 S4	80 oct. P-line NNW.
Kenosha (Wis)	2 S;RR W	623	29 L S6	80,91 oct. Flood lgts. P-line SW, NW.
(P) Kohler (Wis)	1 N;hwy S	647	30 L1 S6	80,91 oct. SE blocked.
Kubiak's (Pulaski, Wis)	1.2 E	781	26 S4	Data unver.
Lake Co. (Waukegan, Ill)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
LONE ROCK Range (Wis)	278(LK)(116.1)	98°,0.0	BMLZ-DTV	(4); 116.1
★ Lock Rock Int.15.CG-Twin Cities (Wis)	2 N;rd W,N	714	39 L3 S2	80,91 oct. No flood lgts. P-line NE.
MADISON Range (Truax)(Wis)	400(MA)(116.1)	314°,2.6	BMLZ-DTV	(4); 116.1
Mael (Portage, Wis)	1.6 NW;lake SE	820	26 S6	80 oct.Obsts sur fld.
Maitland (Milwaukee, Wis)	3 ESE;lake E	590	25 S6	73,80,91 oct.Stack S.
MILWAUKEE Range (General Mitchell)(Wis)	242(MK)(116.1)	352°,2.5	SBRAZ-DTV	(3); 116.1
Manistee-Blacker (Mich)	4 ENE;riv S	613	23 S4	80 oct.
Manitowoc (Wis)	1.6 NNW;RR W	653	26 L3 S6	80,91 oct. P-line W.SW. SSE.Bndry lgts inop.
Marshfield (Wis)	2.3 SSW;RR NE	1253	26 L S6	80 oct.Flare pots in emerg
Mason Co. (Ludington, Mich)	1.7 ENE;hwys S	640	30 S1	80 oct. Poles S.
➝ Morey (Madison, Wis)	2 NNW;hwy E	928	33 S6	80 oct.S blkd.Trees NW.
MUSKEGON Range (Muskegon Co.) (Mich)	263(UK)	317°,2.8	BMLZ-DT	(4)
(P) Muskegon Co. (Mich)	3.5 S;lake N	627	40h L3 S6	80,91 oct.Bldg NE.Bndry lgts on req only.
Nenco Tri City (Wis Rapids,Wis)	2.5 SSW;riv 1 W	950	35 L2 S6	80,91 oct.Lgts prior req.
Nicolet (De Pere, Wis)	1.5 S;RR E	620	22 S4	80 oct. P-line E,W Data unver.
Oconto Falls (Wis)	2.7 ENE;RR S	600	20 S2	80 oct. P-line N.
Outagamie Co. (Appleton,Wis)	2.2 ENE;RR S	750	29 S6	80,91 oct.P-line NW.
Park Township (Holland, Mich)	3 WNW;bay S	612	27 L4 S6	73,80 oct. No bcn. Lgts prior req.
Red Rock (Darlington,Wis)	5 SE;RR E		12 S1	80 oct. Data unver.
Richland Center (Wis)	6 SSE;hwy W		23 S1	80 oct. Trees E,S. Data unver.
(P) Rock Co. (Janesville, Wis)	4.5 SSW;RR W	807	54h L5 S2	80, 91 oct.
➝ Saugatuck-Douglas (Douglas, Mich)	1.8 S;hwy W	620	26 S1	80 oct. W blkd.
Shawano (Wis)	2.3 ENE;lake NE	813	40 L S6	80,91 oct. Poles SW.Lgts prior req.Rnwy data unv.
Shullsburg (Wis)	0.5 S	1000	18 S1	80 oct. Trees SW.Data unver.
Skyhaven (Milwaukee,Wis)	10.5 WNW;hwy N	800	25 S6	80 oct. P-line N Trees E,S; hill W.
Sky Village (Plymouth, Wis)	1.8 WNW	900	18 S1	80 oct. Data unver.
(P) Stevens Point (Wis)	3 NE;hwy W	1090	40h S6	80, 91 oct.
(A) [Truax] (Madison, Wis)	5 NE;hwy E	859	60h L5 S6	80, 91 oct. ARMY TEMP INACT. CIVIL FACS.
Valley Airways (Neenah,Wis)	4 SSW;RR E	750	21 S2	80 oct.P-line E.Data unver.
Watertown (Wis)	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukegan (Ill)	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Waukesha Co. (Wis)	1.8 N;hwy NE	904	31 S6	80,91 oct. S, NW blkd.
Waupaca (Wis)	4 ESE;hwy S	853	29 S2	80 oct. P-line S,SW.
➝ Waupun (Wis)	3.5 W;hwy SE			ABANDONED
West Bend Fly.Svc. (Wis)	2.5 E;riv S	880	21 L3 S6	80 oct. Fld lgts prior req Poles sur fld.N,NE,NW
Whitewater (Wis)	2 N;RR S	810	22 S5	80 oct. P-line blkd. ESE. E,ENE blkd.
(P) Winnebago Co.(Oshkosh,Wis)	2 SSW;RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE N,W.Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton, Wis)	0.8 SE;riv NW	910	24 S6	80,91 oct.P-line SE.
Wisconsin Skyways (Hales Corner, Wis)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
Wisconsin Valley Inc. (Wausau, Wis)	7 S		34 S2	83 oct. Data unver.
NEW FACILITIES				
Northside (Muskegon,Mich)	5.4 NNE	590	29 S4	73 oct.No sto Refinery SW.
➝ Oceana (Rothbury, Mich)	1 2 W;hwy E		30 S1	80 oct.
Oconto Mun. (Wisc)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver.
Tomah (Wisc)	1 E;hwy S	970	18 S4	80 oct.180' hill E

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
➝ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


MINNEAPOLIS 14
SAULT STE. MARIE 15
DETROIT 33
COLBY ABBOTSFORD
ALEXANDER
WISC. VALLEY
OCONTO FALLS
CHERRYLAND
SHAWANO
RUBIANS
MARSHFIELD
CLINTONVILLE
FRANKFORT
STEVENS POINT
BROWN CO.
NICOLET
NEPCO TRI CITY
WAUPACA
OUTAGAMIE CO.
MANISTEE BLACKER
VALLEY AWYS
GRAHAM
MANITOWOC
TOMAH
WINNEBAGO CO.
MASON CO.
CAMP WILLIAMS
GREEN LAKE
FOND DU LAC
CHAPLIN
SKY VILLAGE
KOHLER
LONE ROCK
278
116.1 MC
WISC DELLS
MAEL
BELL AERO SVC.
BEAVER DAM
MADISON
400
116.1 MC.
WEST BEND
GROB
BROWN DEER
MUSKEGON
263
OCEANA
NORTHSIDE
LONE ROCK INT
CURTIS-WRIGHT
MILWAUKEE
242
116.1 MC.
MUSKEGON CO.
WATERTOWN
SKY HAVEN
WAUKESHA CO.
RICHLAND CENTER
TRUAX
MAITLAND
MOREY
FOUR LAKES
GEN. MITCHELL
278 KC. 118.5 MC
WHITEWATER
PARK TOWNSHIP
WISC SKYWAYS
NORLICK-RACINE
JANESVILLE
AIR CITY
BAUGATUCK DOUGLAS
ROCK CO.
ELKHORN AIR SVC.
KENOSHA
RED ROCK
SHULLSBURG
BADGER
BELOIT
SO BELOIT
LAKE CO.
EVERGREEN
JOHNSBURG
WAUKEGAN
CHICAGO 45
BENTON HARBOR
MILWAUKEE 31
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 4°E TO 0°
LA CROSSE 311
CHICAGO
DETROIT
GRAND RAPIDS
STATUTE MILES
10
0
10
20
30
40
50
90°30'
89°
88°30'
88
87°30'
87
86°30'
86
45°
44°30'
43°
43°30'
42°30'
42°
88°04'

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
➔ Abrams (Grand Ledge, Mich)	1.5 NE	844	26 S2	80 oct.S,W blkd.Trees E.
Allegan (Mich)	1.9 E; RR S	701	21 S4	80 oct.P-line SE.Trees NW.
Allen's (Pontiac, Mich)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW;SW blkd.
(P) Alma (Mich)	1.3 NE;riv SE	750	32 S4	80 oct. Tanks S.
Au Gres (Mich)	0.9 NNW;hwy S	590	20 S1	80 oct.Poles SW. NW blkd.
➔ Austin Lake (Kalamazoo,Mich)	8.5 SSE;lake N	860	27 S4	80 oct. Poles N.Trees E,S,W
Aviation Co.Club(Galesburg)	1.7 WSW	800	19 S2	80 oct.Data unver.(Mich)
➔ Baker's (Port Huron, Mich)	3 NNW;riv N,E	585	26 S6	80 oct. Poles NW,N.S,SW
Baldwin (Mich)	1.3 SSE;RR W	835	23 S2	80 oct.Trees NE. blkd.
Bangor (Breedsville, Mich)	0.6 WNW;RR E	654	18 S4	80 oct.N blkd.Trees S.
Barry (Saginaw, Mich)	3 WSW;riv S	599	19 S4	80 oct.
BATTLE CREEK Range(Kellogg)	272(JC)(116.1)	3°, 3.2	BMLZ-DTV	(4); 116.1 (Mich)
Beach (Charlotte, Mich)	1.8 ENE;RR NW	880	25 S6	73 oct. No sto.
Belding Fliers Inc. (Mich)	2.1 W;RR E	790	27 S6	80 oct.S blkd.Trees W,NE.
BISHOP Tower (Mich)	278 (118.3)		C	(4); 118.3, 122.5
(P) [Bishop] (Flint, Mich)	4 SSW;hwy N	781	50h L5 S6	80, 91 oct. Trees N,NE.
Brooks (Marshall, Mich)	1.3 S;hwy W	950	26 L3 S6	80 oct.P-line SW,W.
CADILLAC H Fac.(Int)(Mich)	269 (KK)		MHT	(4)
(P) Cadillac,23,TL-VC (Mich)	2.5 NW;RR E	1297	34 L3 S6	80 oct.
(P) [Capital City] (Lansing,Mich)	3.8 NW;RR S	857	42h L4 S6	73,80 oct.
Caro (Mich)	3 WSW;RR SE	741	22 S2	80 oct.S,SE blkd.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct.P-line N.
Croswell City (Mich)	1 W;RR,riv E	732	26 S1	80 oct. S blkd.
Dalton (Flushing, Mich)	2 ESE;riv W		26 S4	80 oct. Data unver.
➔ DETROIT H Fac (Mich)	201 (D)	329°,2.2	MHW	(Cont.) Detroit
Doherty (Clare, Mich)	1 NE;hwy W	840	21 S1	80 oct. Rough-caution.
Elsie (Mich)	0.3 SSE;RR NNE	730	19 S2	80 oct. Bldg W.
Evart (Mich)	1 WSW;RR S	1035	24 S1	80 oct. P-line N,S.
FLINT H Fac. (Mich)	335(FN)(116.1)		MHTV	(3); 116.1
Forrest (Fostoria, Mich)	3.4 S;riv SE	830	24 S1	80 oct.P-line sur fld.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GLADWIN H Fac. (Mich)	257 (GU		MHT	(4)
(P) Gladwin (Mich)	0.5 SSE;riv W	780	35 L3 S2	80 oct.
GRAND RAPIDS Range (Kent Co)	329(GR)(116.1)	303°,2.0	BMRLZ-DTV	(4); 116.1 (Mich)
Grand River Arpk (Comstock Park, Mich)	0.4 SW;riv E	614	30 S2	Fuel & sto.P-lines S, N.
Greenville (Mich)	2.5 S;RR E	800	22 S2	80 oct.Poles W,NE,E
Harbor Beach (Mich)	2.5 W;rd S	670	20 L S2	80 oct.Floods prior req. Poles SE,NE.
Harrison (Mich)	2.3 NNW;hwy E	1100	26 S2	80 oct.S blkd.Ctn-rough
➔ Hastings (Mich)	3.2 WNW;RR SW	802	34 S6	80 oct. P-line N.Trees sur fld.
Houghton Lake (Houghton Hgts)	1.2 WNW;lk NNE	1150	27 S2	73,80 oct.Rdo twr W,N lgtd.
Howell (Mich)	0.8 N;lake E	930	20 L1 S1	80 oct.
Ionia (Mich)	3 S;hwy W	810	24 S6	73 oct. Poles W.
Jack Barstow (Midland,Mich)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct.Bcn prior req.(Mich)
JACKSON H Fac. (Mich)	257 (JN)		MHT	(4)
Jewett (Mason, Mich)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
Johnson's (Ithaca, Mich)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto.
(P) [Kellogg] (Battle Creek,Mich)	3 WSW;RR bed W	936	62h L5 S6	80-100 oct.Lgts on req.
(P) [Kent Co.](Grand Rapids,Mich)	3.5 S;RR NE	681	44h L3 S6	80,91 oct.Obst sur fld.Rdo
➔ Lakeview (Mich)	1.1 NNE;lake S	900	19 S6	80 oct.Trees N,E,NW.Trees
LANSING Range (Capital City)	206 (LJ)	280°,3.0	SBMRAZ-DT	(4) (Mich)
(P) Lapeer (Mich)	2.4 ENE;RR S	830	34 S6	80 oct.Poles NW;bldg W,SW
La Porte (W.Branch,Mich)	6 SE;RR W	890	26	P-line NW.Trees NE,SW.
Leach (Hartford, Mich)	1 NNW;RR E	664	26 S5	80 oct.
(P) Lindbergh (Kalamazoo,Mich)	3 W;RR W	872	40h S6	80,91 oct.P-line SE,S.
Maple Rapids (Mich)	Adj E	750	26 S3	80 oct. Data unver.
Marks (Lawton, Mich)	1 N; RR S	770	25 S5	80 oct. Poles W, ENE.
(P) Mecosta Co.,5,GR-TG (Big Rapids, Mich)	1.5 NW;RR E	928	39 L3 S4	80 oct. Pole SE
Miller (Eaton Rapids,Mich)	1 ENE;riv W	908	21 S1	80 oct.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Mt. Pleasant (Mich)	2.2 NE;riv N	755	36 S4	80 oct.E,SE,SW,W,NW blkd
MUSKEGON Range (Muskegon Co)	263 (UK)	317°,2.8	BMLZ-DT	(4) (Mich)
Newaygo (Mich)	0.8 SSE;hwy W	785	20 S5	80 oct. Trees S.
Northside (Muskegon,Mich)	5.4 NNE	598	29 S4	80 oct. All appchs blkd. Ctn-use strips.
(A) Oscoda AAF (Mich) (A)	3.5 NW;lake E	605	50h	
Park Twnship (Holland,Mich)	3 WNW;bay S	612	27 L4 S6	80 oct.No bcn.Lgts prior req. Poles S,SE,W.
Paw Paw (Mich)	2 N;riv E		26 S3	80 oct. Data unver.
Pontiac (Mich)	6.4 WNW	970	21h L4 S6	80,91 oct.
(P) Reynolds (Jackson, Mich)	2.5 WNW;RR S	990	40h L5 S6	80 oct.P-line SE,S.Lgts on req
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116.1
Roscommon (Mich)	2.5 SE;RR NE	1100	42	P-line S.
Roscommon Co.(Prudinville)	4.5 N;riv N	1150	24	Trees sur fld. (Mich)
SAGINAW H Fac. (Mich)	212 (SI)		MHT	(4)(cont)
➔ Saginaw (Mich)	4.5 E;RR N,S	601	33 L4 S6	80 oct. Poles S,SE,SW Lgts on req. Trees NW,NE
➔ St. Clair Co.(Port Huron,Mich)	5.5 SW;hwy S	650	23 L1 S5	80 oct.Poles NE,SE,SW
St. Helen (Mich)	0.9 SE;RR NE	1153	26	
Saugatuck-Douglas (Douglas, Mich)	2 S;hwy W		26 S1	73 oct. Data unver.
Seely's (Davison, Mich)	4 WSW;RR N	780	20 S6	80 oct.N,NE blkd.
SELFRIDGE Army Range (Mt. Clemens, Mich)	388 (DLD)	119°,1.2	SBMRAZ	(3); 126.18
SELFRIDGE Tower (Mich)	396 (126.18)+		CA (ILS-W)	(3) only.
(A) Selfridge (Mt.Clemens,Mich) (A)	3 E;lake NE	583	60h L5 S6	73,100 oct.IP-1.Poles E FOREIGN CLEAR.STN.
Shiawassee Co.(Owosso,Mich)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Skyhaven (Saginaw,Mich)	2 NNW;riv E	600	29 S2	80 oct. Trees NE
Sparta (Mich)	2.7 SE;RR W	752	25 S6	80 oct. Trees SE.
Timbers Sky Camp (S.Branch)	0.2 NE;riv E	950	24 S1	80 oct. (Mich)
(P) [Tri-City](Saginaw,Mich)	10 NW;RR SW	660	57h	"SVC & L6 LGTS FOR PCA
West's (Clio, Mich)	4 SW;rd E	690	21 S2	80 oct. ONLY"
White Cloud (Mich)	0.5 N	872	18	Twr SE.P-lines NE,SW
Wings (Utica, Mich)	2.5 SW;RR E	630	23 S1	73 oct.N,NE blkd.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

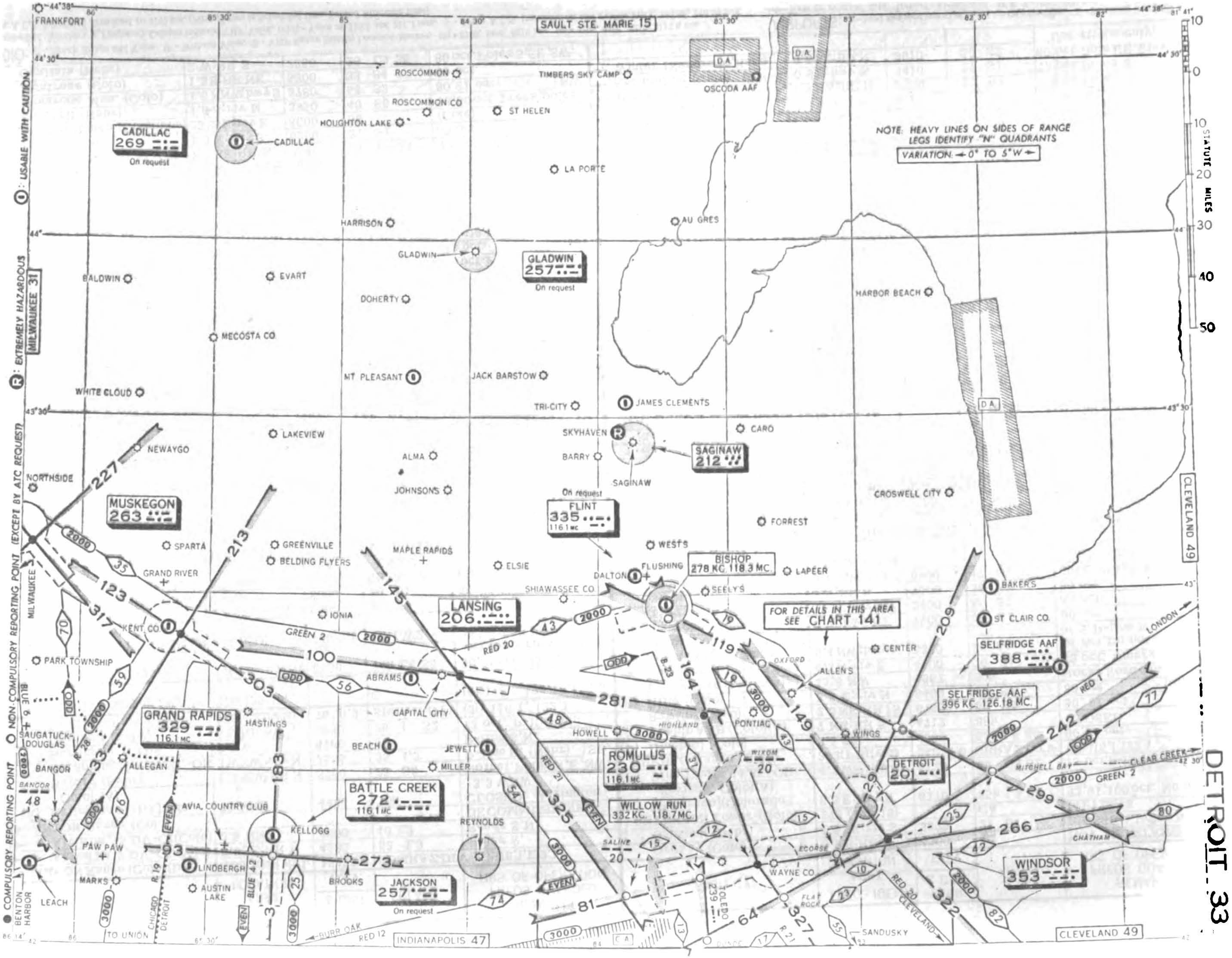
LOCATION	LC	L2R.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM- (0.23)	MM- ••••• (0.83)	OM- — — (4.31)	
					MMK-	OMK-	
				IM-	MM-	OM-	
					MMK-	OMK-	
				IM-	MM-	OM-	
					MMK-	OMK-	

NEW FACILITIES

(NG) Wayne Co. (Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct.1-ech main NG. ARPT OF ENTRY.
Flushing (Mich)	2 ESE;riv W		26 S4	80 oct.Soft-wet weather.
➔ Anchor Bay (New Baltimore)	0.5 NNE	615	25 S2	80 oct Trees sur fld (Mich)
➔ Armada (Mich)	3 NNE;RR 0.8 N	680	26 S2	80 oct S,W blkd Trees E
➔ Bad Axe (Mich)	1.2 SW	760	22 S2	80 oct.P-line NE,SE Twr
➔ Chesaning (Mich)	0.8 W;hwy NE	639	24 S1	80 oct P-line E,S NW
➔ City of Fremont (Fremont,Mich	2.8 SW;RR NW	800	30 S1	80 oct Poles S,NW Trees SW
➔ Daltons (Flushing,Mich)	2.2 E;riv 0.8 SW	735	26 S2	80 oct N,S appchs blkd NE,SE
➔ Holly (Mich)	1 NW;lk E;RR S	913	20 S2	80 oct Trees NE,W,S
➔ Iosco Co.(E.Tawas,Mich)	1 N;lake 0.5 N	597	19	P-line W
➔ Kanapee(New Hudson,Mich)	0.5 SW;RR SE	947	25 S1	80 oct N blkd
➔ Lowell (Mich)	1.3 N;riv SE	700	18	Trees NW
➔ McKay(Plainwell,Mich)	1.5 W;riv N	732	26 S2	80 oct Trees N,S,SW
➔ Morgan's(Albion, Mich)	2.2 E;hwy N	965	21 S6	80 oct P-line N Trees NE, S,SW.
➔ Wesler (Gobles,Mich)	0.6 SSW;hwy E	690	24 S2	73,80 oct E blkd P-line N Tree W
➔ Tawas City (Mich)	1 WSW;rd S	595	19 S1	80 oct.P-lines S,SE,SW
➔ WINDSOR Range (Ont.Can.)	353(QG)	243°,3.3	SBRAZ-T	3105,6210,3117.5

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
➔ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


SAULT STE. MARIE 15
FRANKFORT
ROSCOMMON
ROSCOMMON CO
HOUGHTON LAKE
ST HELEN
TIMBERS SKY CAMP
OSCODA AAF
D.A.
CADILLAC 269
On request
CADILLAC
LA PORTE
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 0° TO 5°W
HARRISON
AU GRES
GLADWIN
GLADWIN 257
On request
BALDWIN
EVART
DOHERTY
HARBOR BEACH
MECOSTA CO
MT PLEASANT
JACK BARSTOW
WHITE CLOUD
TRI-CITY
JAMES CLEMENTS
LAKEVIEW
SKYHAVEN
CARO
NEWAYGO
ALMA
BARRY
SAGINAW 212
SAGINAW
JOHNSONS
On request
FLINT 335
116.1 MC
CROSWELL CITY
NORTHSIDE
MUSKEGON 263
FORREST
SPARTA
GREENVILLE
BELDING FLYERS
MAPLE RAPIDS
WEST'S
ELSIE
FLUSHING
BISHOP 278 KC. 118.3 MC.
LAPEER
DALTON
GRAND RIVER
SHIAWASSEE CO
SEELY'S
BAKER'S
IONIA
LANSING 206
FOR DETAILS IN THIS AREA SEE CHART 141
KENT CO
ST CLAIR CO.
CENTER
SELFRIDGE AAF 388
PARK TOWNSHIP
ABRAMS
OXFORD
ALLENS
SELFRIDGE AAF 396 KC. 126.18 MC.
CAPITAL CITY
GRAND RAPIDS 329
116.1 MC
HASTINGS
HOWELL
HIGHLAND
PONTIAC
WINGS
SAUGATUCK-DOUGLAS
BEACH
JEWETT
MILLER
ROMULUS 230
116.1 MC
DETROIT 201
BANGOR
ALLEGAN
BATTLE CREEK 272
116.1 MC
AVIA, COUNTRY CLUB
WILLOW RUN 332 KC. 118.7 MC.
REYNOLDS
KELLOGG
PAW PAW
LINDBERGH
SALINE
ECORSE
WAYNE CO.
MARKS
AUSTIN LAKE
BROOKS
JACKSON 257
On request
LEACH
TO UNION
FLAT ROCK
TOLEDO 239
SANDUSKY
CLEVELAND
CHATHAM
WINDSOR 353
BURR OAK
INDIANAPOLIS 47
CLEVELAND 49
DETROIT 33
MILWAUKEE 31
CLEVELAND 49
STATUTE MILES
10
0
10
20
30
40
50
O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
AKRON Range (Colo)(Int.)	368(RN)(vhf)	154°,3.6	SBMRAZ-DTV	(4);116.1,122.1
★ Akron Int,9,DV-GI(Colo)	3.9 SE;RR N	4585	53 L3	Poles E.
★ Alvin Int,15,DV-GI(Colo)	3.5 NNE	3600	40 L2	Roads S,N.
ANTON Range (Colo)				DECOMMISSIONED
(A) Arlington #4 (La Junta, Colo) (A)	28 NNE	4424	70h	CLOSED. Arlington 3.3 WNW.
Bayard (Nebr)	1.3 SSW;RR N	3760	25 S2	No fuel. Poles N,E,NW,
★ Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	P-line E. (Nebr). SE.
Burlington (Colo)	0.5 W	4160	32	P-line S,N.
Chappell (Nebr)	3 E;RR SW	3830	26 L1 S2	73 oct. P-line W.
CHEYENNE Range (Wyo)	326(CX)(vhf)	76°,0.9	SBRAZ-DTV	(3); 116.1, 122.1
CHEYENNE Tower (Wyo)	278(126.18, 118.3)		C	(4);118.3,126.18,122.5
(NG) [Cheyenne] (Wyo)	1 N;lakes WNW	6156	79h L6 S6	80,91 oct.;73,91,100 oct. for Army. 80,100 oct,2-ech maint NG. Poles W.
COLORADO SPRINGS Range (Peterson) (Colo)	224 (CD)	166°,3.9	MRLWZ	
(P) Craig (Colo)	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Cress (Westcliffe,Colo)	6 NW	8000	30 S1	80 oct.
DENVER Range (Stapleton) (Colo)	379(DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER Range (Stapleton) (Colo)	109.1(DV) (vhf)	211°, 9.7	VAR-DTXV	(3);116.1,122.1
Doughty's (Julesburg)	12 ESE	3600	18	PRIV. Use in emerg.
Douglas (Akron,Colo)	0.8 N	4400	28 S1	73 oct. (Colo)
Eads (Colo)	1.3 WSW;RR N	4210	46 S6	80 oct. No sto. Poles NE.
EAGLE Range (Colo) (6 mi ENE Eagle)	108.3 (EQ) (vhf)		BVAR-DTV	3105,3117.5; 116.1, 122.1
Eagle (Colo)	4.5 WSW;RR N	6496	34	
Estes Park (Colo)	2 SE;riv N	7635	30	Closed till June 1947.
Flagler (Colo)	0.8 S;RR N	4975	48 S4	80 oct. 20' p-line E.
(P) Ft. Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct. Poles SE.
Fremont Co. (Canon City, Colo)	6.9 E;riv S	5350	49 S2	80 oct. Rnwy data unver. (Colo)
General Brees (Laramie)	4 W;riv SE	7270	63h L5 S6	73,91,100 oct. (Wyo)
Glenwood Sprgs. (Colo)	2 S	5900	38 S1	73 oct.
Granby (Colo)	1 ENE;riv W	8200	39 S1	80 oct.
Gregg (Pueblo, Colo)	6 N;RR,hwy E	5000	40 S1	80 oct.
Holyoke (Colo)	1.8 ESE	3720	35 S4	80 oct. RR NW.
Hugo (Colo)	1.5 E;RR S	5034	26 S1	80 oct.
Idle Acres (Potter,Nebr)	11.8 N;hwy N	4630'	21 S4	80 oct. P-line W. Data unver.
Julesburg (Colo)	2.8 SW;hwy W	3490	24 S6	80 oct.
LA JUNTA Range (AAF)	281(LH)(116.1)	194°,2.6	SBMRLZ-DTV	(4);116.1,122.1 (Colo)
LARAMIE Range (General Brees) (Wyo)	245(LR)(vhf)	137°,2.2	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Las Animas (La Junta, Colo) (A)	19 NE	4119	70h	CLSD. Las Animas 5.9 mi SSE.
Lorenzo (Nebr)	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct. Cattle on fld.
Medicine Bow,31,SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct. (Wyo.)
Meeker (Colo)	1.3 E;hwy S	6300	31 S1	80 oct
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	(Colo)
Mitchell (Nebr)	1.6 S;riv N	3950	40 S6	73,80 oct. Trees,poles
Montrose Mun. (Colo)	1.5 NNW;hwy S	5780	58 S2	80,91 oct. NW.
Montrose (Colo)	1.3 S;RR NE	5800	33 S4	80 oct.
Ogallala (Nebr)	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW.
Ordway (Colo)	0.9 S;RR N	4300	40	NOT MAINTAINED.
Oshkosk (Nebr)	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE
PETERSON Tower (Colo)	272 (126.18)		CA	(4);126.18
(A) [Peterson](Colorado Springs, Colo)(A)	6.3 E;hwy N	6170	85h L5 S6	73,91,100 oct. No sto.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	73 oct. P-line N. (Wyo)
PUEBLO Range (Colo)	302(PU)(vhf)	340°,2.0	SBRAZ-DTV	(3);116.1,122.1
(P) [Pueblo] (Colo)	2.1 SW	4853	53h L5 S6	80,91 oct.
(A) Pueblo AAB (Colo)(A)	7 NE;RR S.	4712	88h	CLOSED.
Rawlins (Wyo)	2.3 NE;RR 1 S	6780	52 S4	80, 91 oct.
(P) Rifle (Colo)	3.3 E;riv N	5400	42 S2	80 oct. (Colo.)
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 mi S.
→ Roderick (Lindon,Colo)	4.3 N;riv E	4900	26 S1	73 oct. Emerg only.
→ Royal Gorge (Canon City, Colo)	6.4 NW;hwy N	6320	26 S4	91 oct. Do not land N or S. P-line N.
(P) Saguache (Colo)	2 W;hwy NE	7700	48 S1	80 oct.
St. Francis (Kans)	1 SSE;riv NW	3400	35 S2	80 oct.
Salida (Colo)	4 W;RR S	7500	36 S2	80 oct.
Saratoga Mun. (Wyo)	0.7 SSW;hwy E	6900	47 S1	80 oct. P-line ESE.
→ Schwartz-Johnson (Sidney, Nebr)	1.6 SSE;RR N			ABANDONED
SCOTTSBLUFF Range (Nebr)	341(TF)(116.1)	301°,3.1	SBMRLZ-DTV	(4);116.1,122.1
(P) [Scottsbluff] (Nebr)	3.3 E;hwy S	3945	82h L5 S1	80,91 oct. Lgts on req.
Sharon Springs (Kans)	1.2 NW;RR S	3500	32 S1	80 oct. P-line E.
SIDNEY H Fac. (Nebr)	314(SD)(116.1)	350°,0.0	BH-DTV	(4);116.1,122.1
★ Sidney Int,50,SL-OH	3 W;RR N	4132	36 L3	(Nebr)
SINCLAIR Range (Wyo)(Int)	209(XP)(116.1)	80°,1.7	SBMRAZ-DTV	(4);116.1,122.1
★ Sinclair Int,27,SL-OH	3.8 ENE;RR S	6561	50 L3	
Stake's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct. (Colo)
STAPLETON Tower (Colo) [Stapleton](Denver,Colo)	278 (126.18, 118.7) 5 ENE;RR N	5320	AC (ILS) 70h L6 S6	(4);122.5,126.18,118.7 80,91,100 oct.
(P) Starr Nelson(Delta,Colo)	4 E;rd N	5200	40 S4	80 oct.
→ Teter (Fairplay,Colo)	3 SSE;hwy E	9700	63	
(P) Trading Post(Kit Carson)	0.8 NW;crk E	4290	40	PRIV. P-line S. (Colo)
Valley (Silver Cliff,Colo)	0.7 ESE	8000	40	Hwy W
Walden (Colo)	1.5 N;hwy W	8250	63 S1	80 oct.
Wamsutter Int,22,SL-OH	2.4 NNW;RR S	6812	50 L3	35' pole line SW. (Wyo)
Wray (Colo)	1.2 NNW;RR S	3400	30 S1	Ltd 73 oct.
(P) Young (Ft. Morgan,Colo)	6 N;hwy E	4460	54 S6	73,80 oct. Rnwy data unver.
Yuma (Colo)	1.4 SSE;RR N	4150	35 S6	73 oct. Poles S,SW

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
STAPLETON	110.3 ·-· ···	335	206°	IM-	MM-·-·-(0.65)	OM- ——(4.19)
					MMK- 335 ···—	OMK-359 —··
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bar J Lazy V (Potter,Nebr)	5.3 SW;rd E	4550	27 S2	80 oct.
O'Conta (Wisc)	1.5 SW;bay E	590	36 S2	80 oct. P-line N. Data unver.
(P) Sterling (Colo.)	2.8 W;RR S	4020	37 S6	73,80 oct.
→ Pickrel-Farmer (Tribune, Kans)	1.3 SW;RR N	3550	17 S2	80 oct. Poles N,NE;bldgs E
→ Kremmling (Colo)	0.9 E;hwy N	7410	27 S1	73 oct. Poles E
→ Winter (Kanorado,Kans)	0.6 SE;RR N	3910	29 S2	80 oct. Pole NE. Elev. NW. Use strips only.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ▶ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

ROCK SPRINGS 26 | CHART 27

DENVER 35

USABLE WITH CAUTION

EXTREMELY HAZARDOUS (EXCEPT BY A/C REQUEST)

NON-COMPULSORY REPORTING POINT

COMPULSORY REPORTING POINT

ROCK SPRINGS 290

SINCLAIR 209 116.1 MC

LARAMIE 245 111.1, 116.1 MC

CHEYENNE 326 111.1, 116.1 MC

SCOTTSBLUFF 341 116.1 MC

CHEYENNE 278 KC, 118.3, 126.18 MC

SIDNEY 314 116.1 MC

AKRON 368 111.1, 116.1 MC

EAGLE (VHF) U-108.3 111.1, 116.1 MC

DENVER 379 111.1, 116.1 MC

DENVER (VHF) W-109.1 111.1, 116.1 MC

STAPLETON 278 KC, 118.7, 126.18 MC

COLORADO SPRGS. 224

PETERSON AAF 272 KC, 126.18 MC

PUEBLO 302 111.1, 116.1 MC

LA JUNTA 281 116.1 MC

GRAND JUNCTION (VHF) V-1087

FOR DETAILS IN THE DENVER AREA SEE CHART 39

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: 15°E TO 13°E

WINSLOW 81 | ROCK SPRINGS 26

WINSLOW 81 | ALBUQUERQUE 83

ROCK SPRINGS, RAWLINS, GREEN 3, MEDICINE BOW, WAMSUTTER, SINCLAIR, SARATOGA, SALT LAKE CITY, DENVER, WYO., COLO., NEB., TWO RIVERS, SHERMAN HILL, DIAMOND, MEADOWS, ARCHER, BREES, RED 1, SILVER CROWN, AMBER 3, WALDEN, CRAIG, FORT COLLINS, ESTES PARK, GRANBY, MEEKER, DACONO, HENDERSON, WATKINS, COLDEN, AURORA, FRANKTOWN, CASPER, MITCHELL, SCOTTSBLUFF, RAPID CITY, BAYARD, IDLE ACRES, BAR J LAZY V, PINE BLUFFS, KIMBALL, LISCA, OSHKOSH, PATTY'S, OGALLALA, NORTH PLATTE, CHAPPELL, LORENZO, SIDNEY, JULESBURG, BIG SPRINGS, DOUGHTY'S, PAXTON, STERLING, HOLYOKE, N PLATTE, ALVIN, HAYES CENTER, YOUNG, DOUGLAS, BLUE 36, YUMA, WRAY, SMOKY HILL AAF, RODERICK, ST. FRANCIS, AKRON, GLENWOOD SPRINGS, RIFLE, EAGLE, TETER, STAKE'S, FLAGLER, BURLINGTON, HUGO, SHARON SPRINGS, TRADING POST, STARR NELSON, MONTROSE, MONTROSE MUN., SALIDA, ROYAL GORGE, FREMONT CO., MEEKER RANCH, GREGG, PUEBLO, PUEBLO AAB, CRESS, VALLEY, TRINIDAD, ORDWAY, ARLINGTON No. 4, EADS, LAS ANIMAS, ROCKY FORD, SAGUACHE, GARDEN CITY, OMAHA 37, COLO., KANS.

STATUTE MILES 25 0 25 50 75 100

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Abilene (Kans)	1.7 WSW;RR N	1100	29 S6	80 oct. Trees E. P-line
Arrow (Lincoln, Nebr)	4.8 NE;hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts. [when wet
Atwood (Kans)	2 N;hwy W	2900	26 S6	80 oct. Data unver. Soft
(P) Beatrice (Nebr)	3.5 N;hwy E	1260	38h L3 S4	80 oct. Twrs SSW; poles S. Rnwy data unver.
Belleville (Kans)	1.8 WSW;hwy S	1520	24 S2	73 oct.
Benkleman (Nebr)	1.2 NNE;RR SE	2990	28 S2	80 oct.
Bern (Kans)	0.6 S;RR N	1300	26 S1	80 oct. Pwr line N.
Blosser (Concordia, Kans)	1 SSE;hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
* Brainard Int, 82, SL-OH	5.5 SW;hwy W	1640	31 L3	(Nebr)
Broken Bow (Nebr)	2 N	2400	30 S6	80 oct.
(A) Bruning AAF (Nebr)(A)	7.7 E;RR N	1544	68h	CLOSED.
Central (Grand Island, Nebr)	1.7 NE;RR S	1851	33 S6	80,91 oct. P-lines W, N
(P) Clay Center (Kans)	1.5 W;hwy S	1200	30 S2	80 oct. Poles S, NW.
→ Clay Center (Nebr)	1.5 E;hwy N	1800	26 S2	80 oct. P-lines N.
Clothier (Cedar Point, Kans)	4 SSW;creek E	1320	20 S2	73 oct.
Colby (Kans)	1.8 N;RR S	3150	42 S2	80 oct. Poles SW, W.
Columbus (Nebr)	1.3 NE;RR S	1445	26 S6	P-line SSE, SSW.
Crete (Nebr)	1 S;RR NE	1368	24 L3 S6	80,91 oct Lgts prior req
David City (Nebr)	1.5 N;hwy W	1640	22 S2	80 oct. Windmill E.
Downs (Kans)	Adj SW;RR N	1550	20 S2	80 oct. RR NW. Data un- [ver
Eddie Hutton (Brewster, Kans)	1 SE;RR N	3420	35 S2	73 oct.
Elgin (Nebr)	0.8 SW;RR E	1930	16 S6	80 oct. Bldgs SE, N.
Elkins (Wakefield, Kan)	1 SSE;riv NE	1170	13 S1	80 oct. Poles W.
→ Ellinwood (Kans)	1.5 NW;RR S	1790	26 S6	73 oct. Poles N.
→ Emporia (Kans)	5.4 S;hwy E	1200	26 S6	80 oct. Poles E, NE
Fairbury (Nebr)	2.5 NNE;RR SE;hwy SE	1316	26 L S6	80 oct. Port rnwy lgts P-line W, NW, S.
(A) Fairmont AAF (Geneva, Nebr) (A)	4.8 NE	1639	70h	CLOSED
(P) Fremont (Nebr)	1.4 WNW; RRs NE	1203	38h S4	80,91 oct. P-line N, NE, E, SE.
→ Giffin-Orton (Hoisington, Kans)	See Hoisington Arpt under "New Facilities" - name changed.			
GOODLAND H Fac. (Kans)	353 (GN)		HW-T	
GOODLAND Range (Kans)				DECOMMISSIONED.
(P) Goodland (Kans)	2 NNE;hwy E	3689	37 S4	80,91 oct. P-lines SW,
Gothenburg (Nebr)	0.7 E;hwy S	2550	32 S2	80 oct. Trees NW.
GRAND ISLAND Range (Nebr)	263 (GI)(vhf)	165°, 1.3	SBMRLZ-DTV	(4); 116.1, 122.1
GRAND ISLAND AAF Tower (Nebr)				DECOMMISSIONED.
(A) Grand Island AAF (Nebr) (A)	3.5 NE;RR W	1843	72h	CLOSED.
(A) Great Bend AAF (Kans) (A)	4.5 WSW	1891	80h	CLOSED.
→ Great Bend Arpk. (Kan)	1.6 NNE;RR W	1850	26 S2	80 oct. Poles N, W.
(A) Harvard AAF (Nebr)(A)	2.5 NE	1817	76h	CLOSED.
Hastings (Nebr)	1.5 NW;RRs N, S	1940	35 S6	73 oct.
Hastings Sky Ranch (Nebr)	3.2 WSW;RR N	1960	26 L S6	80,91 oct. Port rnwy lgts. P-line S, W. [unver
Hawks (Bruning, Neb)	4.3 ESE. hwy N	1555	26 S2	80 oct. Soft when wet. Data
HAYES CENTER Range (Nebr)	(400)(KB)(vhf)	64°, 2.2	SBMRAZ-DTV	(4); 116.1, 122.1
* ▲ Hayes Center Int, 21, DV-GI (Nebr)	3 ENE;rd S	3074	51 L3	
Hays (Kans)	1.5 E;RR S	2020	29 L S6	80,91 oct. Port rnwy
Hebron (Nebr)	1 S;RR W	1458	26 S4	80 oct. S appch lgts. 6:1, SW 10:1.
→ Herington (Kans)	1.5 SE;hwy N	1450	26 S2	80 oct. Poles N, NW.
(A) Herington AAF (Kans)	7.5 ENE	1485	69h	CLOSED. (A)
Hewett's (Beaver City, Nebr)	2.5 NNE; hwy S	2300	40 S1	73 oct. Pole NNW, SSW. Bldg N.
→ Hiawatha (Kans)	1.3 WSW;RR E	1110	15 S1	80 oct. Appchs blkd.
Holdrege (Nebr.)	2 NNE;crk S	2324	26 S4	80 oct.
→ Holyrood (Kans)	0.5 ESE;RR N	1820	17 S4	73 oct. Poles N.
Huntoon (Topeka, Kans)	5.4 W;riv N	1000	18 S6	80 oct. Pwr line N.
Imperial (Nebr)	1 ESE;RR SW	3280	36 S4	80 oct.
Janssen Skytel (Mc Pherson, Kans)	1.5 SW;hwy N	1500	22 S6	80 oct. Hi-line W. Poles E.
KEARNEY Army H. Fac.	536 (DKR)	130°, 5.3	HW	(Nebr)
KEARNEY AAF Tower	396 (126.18)		CA	(4); 126.18 (8-1630)
(A) Kearney AAF (Nebr)(A)	4.5 ENE;RR S	2130	73h L5 S6	73,91,100 oct. JP-1. No sto
Kearney (Nebr)	4.5 S;riv N	2145	15 S1	80 oct. Trees N; p-line E
Larkinburg (Kans)	0.3 E;hwy N	947	27 S2	80 oct. Hi-lines N. Data unver.
Larned Mun. (Kans)	1.6 NNE	2012	33 S6	80,91 oct. RR SE.
LEBO Range (Int.) (Kans)	311 (LN)(vhf)	336°, 0.0	BMLZ-DTV	(4); 116.1, 122.1
* Lebo Int, 39, AQ-KC	4 ENE;RR N	1160	33 L3	(Kans)
→ Lenora (Kans)	1.2 NNW	2325	29 S2	creek NE. 80 oct.
→ Lexington (Nebr)	1.7 NW;RR S	2400	28 S6	80 oct. P-line NE, E, SE.
LINCOLN Range (Nebr)	385 (HK) (116.1)	170°, 2.4	SBMRLZ-DTV	(4); 116.1, 122.1
(NG) [Lincoln] [Nebr] →	5.5 NW;RR NE	1190	71h L5 S6	80,91,100 oct. 73,91,100 oct for NG.
Lyons (Kans)	1.4 W;hwy N	1950	26 S6	80 oct. P-line N.
Manhattan (Kans)	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan, Kans)	3.7 ENE;hwy S	1050	30 S6	80,91 oct. Poles sur fld.
→ Mankato (Kans)				ABANDONED
(P) Marion (Kans)	1.8 ESE;hwy N	1370	36 S4	80 oct. Appchs blkd.
MARSHALL Army Range (Ft. Riley) (Kans)	215 (DFY)	196°, 4.0	SBMRAZ	
MARSHALL Tower (Kans)	396 (126.18)		CA	(3); 126.18
(A) Marshall (Ft. Riley, Kans) (A)	1.8 SE	1062	45h L5 S6	73,91,100 oct. Ditch E, S.
McCook (Nebr)	2.2 E;RR S	2586	42 S4	80 oct. Windmill N. Hwy
(A) McCook AAF (Nebr)(A)	9 NNW;hwy E	2784	75h	TMP INACT. NO [S. FACS.
→ McPherson (Kans)	4 NNE;hwy W	1500	34 S6	80 oct. Soft when wet. Appchs blkd.
Moritz (Beloit, Kans)	1.2 NW;RR S	1420	24 S2	73 oct. Trees E.
MORLAND Range (Kans)				DECOMMISSIONED.
Moundridge (Kans)	2.2 WNW	1485	17 S2	Lid 80 oct. Poles W RR
(P) Norfolk (Nebr)	3 SSW;RR W	1572	58h S4	73 oct. Riv N. [NE.
NORTH PLATTE Range (Nebr)	236 (NQ)(vhf)	352°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
(P) [North Platte] (Nebr)	3.2 ESE;riv SW	2779	55h L5 S6	73,80,91,100 oct.
(P) Norton (Kans) →	0.7 NNW;hwy E	2365	52 S4	80,91 oct. P-line S.
Oberlin (Kans)	0.9 NW;RR SE	2684	25 S1	80 oct. P-line SE, NE.
Ohiowa (Nebr)	3 SW	1572	20	Fence sur fld. Data un-
OMAHA Range (Nebr)	320 (OH)(vhf)	146°, 0.8	SBRAZ-DTV	(3); 116.1, 122.1 [ver.
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE; lk W	982	54h L6 S6	73,80,91,100 oct. No contact lgts.
100th Meridian (Cozed, Nebr)	0.8 SW;RR N	2490	22 S1	80 oct. P-line E.
Ord (Nebr)	1.8 NW; Hwy E	2000	3 S4	80 oct. Use strips.
Overton Int, 69, SL-OH (Nebr)	4.8 E;RR S	2300	40 L3	Bldgs, trees NW; poles NE.
PHILLIP BILLARD Tower (Topeka, Kans)	278		C	(4)
[Phillip Billard] (Topeka, Kans)	3.5 ENE;RR S	879	42h L5 S6	80, 91 oct.
(P) Phillipsburg (Kans)	1.5 S;RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan, Kans)	1.4 NE;RR SE	1100	20 S4	80 oct. Poles SE, NW, NE
Republican City (Nebr)	0.5 NW;RR S		30 S6	80,91 oct. Flares in emerg.
Russell (Kans)	2.7 ESE;RR NE	1860	30 S4	80 oct. No sto. Poles N, S, NE.
SALINA Range (Kans)				DECOMMISSIONED.
Salina (Kans)	2.5 SE;riv W	1275	26 S6	80, 91 oct.
Schuyler (Nebr)	2.5 W; bet RR and hwy		25 S4	80 oct. Data unver
Scott City (Kans)	1.3 ESE hwy N	2980	25 S1	73 oct. P-line N, NE, NW, SW.
(A) Scribner AAF (Nebr) (A)	4.1 SSE;hwy N	1315	67h	CLOSED.
Seneca (Kans)	0.5 W;RR S	1250	24	Poles N, S.
Sky Village (Salina, Kans)	6.6 WSW;RR SE	1270	22 L S6	80 oct. Port rnwy lgts P-line S.
Smith Center (Kans)	1 SSW;RR NW	1806	27 S1	80 oct.
SMOKY HILL Army Range (Salina) (Kans)	344 (DSN)	170°, 5.05	BMRLZ-DT	(4)
SMOKY HILL AAF Tower (Kans)	396 (126.18)		CA (ILS-W)	(4); 126.18
(A) Smoky Hill AAF (Salina, Kans) (A)	4.5 SW;RR E	1289	100h L5 S4	73,91,100 oct. No sto.
Summerfield (Kans)	0.3 SSE;RR W	1450	20 S2	80 oct. P-line N, NW.
TARKIO H Fac. (Mo)	281 (TK)(116.1)		MHTV	(4); 116.1, 122.1
Tarkio, 10, KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct. Trees N.
TOPEKA VHF Range → (Kans)				DECOMMISSIONED
TOPEKA Army Range (Kans)	269 (DTO)	32°, 3.5	BMRAZ	(4)
TOPEKA AAF Tower (Kans)	206 (116.1, 126.18)		CA	(3); 116.1, 126.18
(A) Topeka AAF (Kans) (A)	6 S;RR W	1078	65h L5 S6	73,91,100 oct. JP-1. No sto.
Union (Lincoln, Nebr)	4.8 NNE;RR S	1140	18h L3 S6	80,91 oct. All lgts prior req.
WALDO VHF Range (Kans)				DECOMMISSIONED.
(A) Walker AAF (Hays, Kans) (A)	12.5 E;hwy S	1975	80h	CLOSED.
Waverly (Lincoln, Neb)	9 NE;RR SE	1180	20	Poles SE, SSW.
West Point (Nebr)	1.5 E;hwy W		16 S4	80 oct. Data unver.
Wood Arpk (Clay Center, Kans)	3.5 N;hwy W	1260	15 S6	80 oct. No sto. P-line W.
Wright Arpk (Abilene, Kans)	1 SSE;riv S	1150	13 S1	80 oct. S blkd.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
GRAND ISL. AAF (A)				DECOMMISSIONED
OMAHA	110.3	335	135°	IM- — · — · (0.78) OM- — — (4.90)
				MMK- 201 ···· OMK- 219 — — —
SMOKY HILL (A)	109.9	333.8	123°	IM- (0.19) MM- ····· (0.89) OM- — — (4.20)
				MMK- OMK-
				IM- MM- OM-
				MMK- OMK-

NEW FACILITIES

Hill City Mun. (Kans)	0.8 NE;riv S	2200	28 S2	Sto. SW blckd.
Mankato Mun. (new) (Kans)	1.4 NW;RR SW	1840	24 S6	80 oct. Windmill NE
Trenton Mun. (Nebr)	1.3 NW;RR S	2840	27 S2	80 oct. Poles SE.
Wahoo Mun. (Nebr.)	2.5 NE	1180	25	Poles S.
Cakland (Nebr.)	2 W	1320	28 S6	80 oct. Use strips.
→ Hoisington (Kans)	1.3 NE;hwy S	1870	25 S4	80 oct. Poles S.
→ Atwood (Kans)	2 N;hwy W	2900	26 S6	80 oct.
→ Burdett Fly Club (Kans)	1 SW;RR N	2140	20 S1	80 oct. Poles SE, S. Use strips.
→ Concordia (Kans)	1.7 S;hwy W	1510	20 L S6	80 oct. Flood, port rnwy lgts
→ Downs Mun. (Kans)	0.4 SSW;riv S	1500	22 S2	80 oct. N, NW blkd. Pole W
→ Ellsworth (Kans)	1 N; twr 0.8 S	1630	26 S6	80 oct. FEE. P-lines NE
→ Hoover (La Crosse, Kans)	0.5 ENE;RR S	2060	24 S2	80 oct. Poles S, N
→ Hoxie (Kans)	0.7 N;RR, hwy S	2665	20 S1	73 oct. Poles S, W
→ Marysville (Kans)	1.3 ENE	1240	26 S2	80 oct. P-lines N, S
→ Nessco (Ness City, Kans)	1.6 ESE;RR 0.6 N	2240	26 S2	80 oct. E, W rnwy unsafe
→ Ness Fly Club (Ness City)	1 ESE;RR N	2245	23 S2	80 oct. Poles N, S when wet
→ Oakley (Kans) [Kans]	0.6 SSW;RR N	3050	26 S2	80 oct. P-lines SE, S, NW, N
→ Ritter (Jet. City, Kans)	3.7 W;hwy N	1260	18 S2	80 oct. Poles NE, N. Use stps.
→ Sterling Air Svc. (Kans)	1.2 SSW; lk 0.5 NE	1630	19 S4	80 oct. Trees all appchs.
→ Trenton (Nebr)	1.2 NW	2840	27 S2	80 oct. P-line SE
→ Woodston (Kans)	0.8 N	1820	12	PRIV. Emerg use. Pole NE

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice, (vhf)-voice on 116.1 and 111.1 mcs. + Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

L-lighting facilities. S-servicing (see page xiii) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and not capitalized. h-hard surfaced runways. R-radio facilities.

CHART 27 | CHART 28

R EXTREMELY HAZARDOUS ○ USAMS WITH CAUTION

○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

COMPULSORY REPORTING POINT

NORTH PLATTE 236 111.1. 116.1MC.

GRAND ISLAND 263 111.1. 116.1MC.

KEARNEY AAF 396 KC. 126.18 MC.

HAYES CENTER 400 111.1. 116.1 MC.

KEARNEY AAF (W) 536 (R)

GOODLAND (W) 353

SMOKY HILL AAF 344

SMOKY HILL AAF 396 KC. 126.18 MC.

MARSHALL AAF 215

MARSHALL AAF 396 KC. 126.18 MC.

LINCOLN 385 116.1 MC.

OMAHA 320 111.1. 116.1 MC.

OMAHA 278 KC. 118.5. 126.18 MC.

TARKIO 281 116.1 MC.

TOPEKA AAF 269

TOPEKA AAF 206 KC. 116.1. 126.18 MC.

PHILLIP BILLARD 278 KC.

LEBO 311 111.1 116.1 MC.

FOR DETAILS IN THE OMAHA AREA SEE CHART 39

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: ← 12°E TO 9°E →

CONTROLLED ONLY BETWEEN 6500 AND 8500 FT M.S.L.

ALBUQUERQUE 83 — DENVER 35 — OKLAHOMA CITY 85 — OMAHA 37

STATUTE MILES

TO KANSAS CITY — TO ST. LOUIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST., ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Auburn (Nebr)	2.7 E;riv SW	960	29 S6	80 oct. P-line N,NW,NE
Beardstown (Ill)	1.5 SE;RR N,W		18 S2	80 oct. Data unver
→ Black Walnut (St. Louis, Mo)	18 NNW			ABANDONED
Blair (Nebr)	3 NNW;RR E	1050	24 S6	80,91 oct. Windmill NW.
(P) Boulder (Colo)	3 ENE;RR NW	5350	24 S6	80,91 oct. RR S.
BUCKLEY Tower (Colo)(NG)	201 (126.18)		CA	(3); 126.18 (8-16)
(NG)(N) Buckley (NAS) (Denver, Colo)	12.5 ESE	5642	80h	73,100 oct, 1-ech maint NG. To be taken over by Navy.
Calhan (Colo)	0.6 ESE;hwy N	6500	22 S1	80 oct.
* Chesterfield Int,4,LS-CG (Ill)	3 ENE;hwy N	612	26 L3	
Civil Air Patrol (Denver,Colo)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Clear Ridge (Omaha, Nebr)	5.2 NW;RR N	1230	28 S6	80 oct. P-line E.
COLORADO SPRINGS Range (Peterson)(Colo)	224 (CD)	166°, 3.9	MRLWZ	
→ Combs (Denver, Colo)	3 NE;RR N	5276	35 S6	80,91 oct. P-line N,S
Council Bluffs (Iowa)	3 SE;RR S	980	37 S6	80 oct. Bldgs SW.
→ Craig (Mo)	See Ward Arpt under "New Facilities" - name changed			
Creighton (Golden, Colo)	4 E;lake E	5600	30 S1	80 oct. NW blocked.
→ Creve Coeur (St. Louis, Mo)	14.5 WNW			ABANDONED
Crosier (Greeley, Colo)	3.5 E;rd,riv S	4648	34	73,91 oct.
Cyril Lebert (Lebanon, Ill)	0.5 SE;hwy N	440	22 S2	80 oct. Poles N,W,S.
DENVER Range (Stapleton)(Colo)	379 (DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER VHF Range (Stapleton) (Colo)	109.1 (DV)(vhf)	211°,9.7	VAR-DTXV	(3);116.1,122.1
Dunlap (Iowa)	0.5 WNW;RR SE	1160	30 S3	80 oct. P-line NNE
Eagleton (Decatur, Nebr)	1 S;riv NE	1100	26 S2	73 oct. Poles NE;trees NW.
East Colfax (Watkins, Colo)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N,NW
Edwardsville (Ill)	3.4 E;RR N	555	21 S2	No fuel. P-line E,S
Ellisville (Mo)	0.4 NE;hwy S	750	16 S2	80 oct.
Englewood (Colo)	6.8 SSE;hwy S	5520	45 S6	80, 91 oct.
Flagler (Colo)	0.8 S;RR N	4975	48 S4	80 oct. 20' p-line E.
Fleck's Lakeview (Rochester, Ill)	2.8 W;lake W	580	21 S6	80 oct. P-line W
Gundlach (Belleville, Ill)	1.8 E	514	23	Obsts sur fld.
H & S (Gillespie, Ill)	1 W;RR S	661	18	P-line N,E.
Harlan (Iowa)	5 SSW;hwy E	1196	27 S2	73 oct. Hi-line S,E.
Hew's (Humboldt, Nebr)	4.2 NNE	1200	13	Pwr line E. PRIVATE
Highland-Winet (Highland,Ill)	3.6 NE;RR S	535	24	P-line S.
Jacksonville (Ill)	3.9 S;hwy E	650	18 S6	80 oct P-line E.
Kratz (St. Charles, Mo)	1.1 ESE;RR S	442	30 L S6	80,91 oct. Port rnwy lgts.
Lakeside (E. St. Louis, Ill)	7 NNE;lake W	420	32 L S6	80,91 oct. Port lgts on req SE blocked
LAMBERT-ST. LOUIS Tower (St. Louis, Mo)	278 (126.18, 118.3)		AC (ILS-W)	(4); 126.18, 122.5, 118.3
(NG)(N) [Lambert-St Louis](Nas) (St. Louis, Mo)	10.8 NW;hwy N, W	552	60h L6 S6	80-100 oct. Ltd 100 oct, 2-ech maint NG. Rdo rqrd.
Longmont (Colo)	2.9 W;RR N	5030	40 S6	80,91 oct. Trees NW.
LOWRY Tower (Colo)	396 (126.18)+		CA ◆ 00.20	(3); 126.18
(A) Lowry (Denver, Colo) (A)	5.3 ESE	5412	83h L6 S6	91, 100 oct. JP-1
Lucas (Festus, Mo)	1.7 S;RR W	425	16 S2	73 oct.
→ Machens (Mo)	1 NNW			ABANDONED
Meremec (Valley Park, Mo)	1.5 ESE;riv N	440	30 L S2	80 oct. Port rnwy lgts. P-line S.
Missouri Valley (Iowa)	1.5 S;RR W	960	16 S2	80 oct.
Negus (Alexander, Ill)	2.8 WSW;RR SE	645	22	PRIVATE
(N) Neubeiser OLF (St. Louis, Mo) (N)	22 NNW;riv N	438	20h	CLOSED
Nichols (Colorado Springs, Colo)	2.8 NNE;hwy W	6200	42 S6	80,91 oct. P-line SE,NE,N
OFFUTT Tower (Omaha, Nebr)	396 (126.18)		CA	(3); 126.18
(A) Offutt (Omaha, Nebr) (A)	10 S;RR W	1046	61h L5 S4	91,100 oct. No sto
Oliver Ranch (Onawa, Iowa)	5 SE;hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
OMAHA Range (Nebr)	320(OH)(vhf)	146°,0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE;lake W	982	54h L6 S6	73,80,91,100 oct. No contact lgts.
Parks (East St. Louis, Mo)	4.2 SW;RR SE	410	26 L4	NW blk.
Parks Metropolitan (East St. Louis, Ill)	3.5 SSW;RR W	420	40 L S6	80,91 oct. Port rnwy lgts. 1700' paved rnwys.
PETERSON Tower(Colo)	272(126.18)		CA	(4);126.18
(A) [Peterson] (Colorado Springs, Colo) (A)	6.3 E; hwy N	6170	85h L5 S6	73,91,100 oct.
Pine Valley (Colorado Springs, Colo)	9.2 N;hwy E	6575	47 S6	80,91 oct. Poles E,W, NNW
Randolph (Iowa)	1.7 NNE;RR W	1050	20	
→ Rocky Mountain (Colorado Springs, Colo)	6 ESE	6100	35	
Ross (St. Louis, Mo)	4.8 NNW;RR SE	430	30 S6	80,91 oct. Poles sur fld.
Ruston (Denver, Colo)	10 NNW;hwy W	5550	40 S6	80,91 oct. P-line NE,SW, E,W blocked. Rnwy data unver.
→ Rutledge (Dupont, Colo)	2.1SSW;	5107	37 S6	Bet RR & hwy. 80,91 oct. Poles sur fld.
St. Charles (Mo)	5.3 NNW;RR N	470	29 S6	80 oct Poles E,N,NE,SE
ST. LOUIS Range (Lambert-St. Louis) (Mo)	209(LS)(vhf)	256°,2.2	SBRAZ-DTXV	(3); 116.1, 122.1
SCOTT Army Range (Bellev'l, Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill)	396 +		CA	(4)
(A) Scott (Belleville,Ill)(A)	7.5 ENE;RR S	447	55h L5 S5	73,91,100 oct.JP-1.
Shenandoah (Iowa)	2.8 W;RR SE	960	25 L S2	80 oct. Port rnwy lgts.
SKY RANCH Tower (Colo)	296		CI	(3); (8-17)
Sky Ranch (Denver, Colo)	12.6 E;RR S	5478	55 S6	73,80,91 oct.
SPANISH LAKE H Fac.(Mo)	219 (L)	69°, 6.8	FMHW	(Cont.) St. Louis
Springfield (Ill)	3.5 SW;bet RRs	606	31 L4 S6	80,91 oct. Use strips. Lgts prior req.
SPRINGFIELD,Ill,(Range)	239(ZD)	113°, 2.3	SBMRAZ-DT	(4)
STAPLETON Tower (Denver, Colo)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
[Stapleton] (Denver, Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
→ Starling (St. Louis, Mo)	14 SSW;riv,3 N	615	24 S2	80 oct. Trees ESE,SE,WNW.
Steckley (Weeping Water,Nebr)	3 S;RR,rd E	1260	22 S1	80 oct. N blk.
Sylvan Beach (Fenton, Mo)	2 NNW	442	42 L S2	80,91 oct. Port rnwy lgts. P-line N.
TARKIO H Fac. (Mo)	281 (TK)(116.1)		MHTV	(4);116.1,122.1
→ Tarkio,10,KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct.
Tecumseh (Nebr)	1 W;RR NE	1115	26 S4	80 oct. Trees W;p-line N.
Valley (Nebr)	1.8 NW;RR NE	1150	22 S1	80 oct.
Vest Aircraft Co.(Denver,Colo)	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.
Wadlow (Alton, Ill)	3.5 NNW	600	25 S4	80 oct.
Weiss (Kirkwood, Mo)	4 SW	430	15 S4	80 oct. P-line NE,N.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

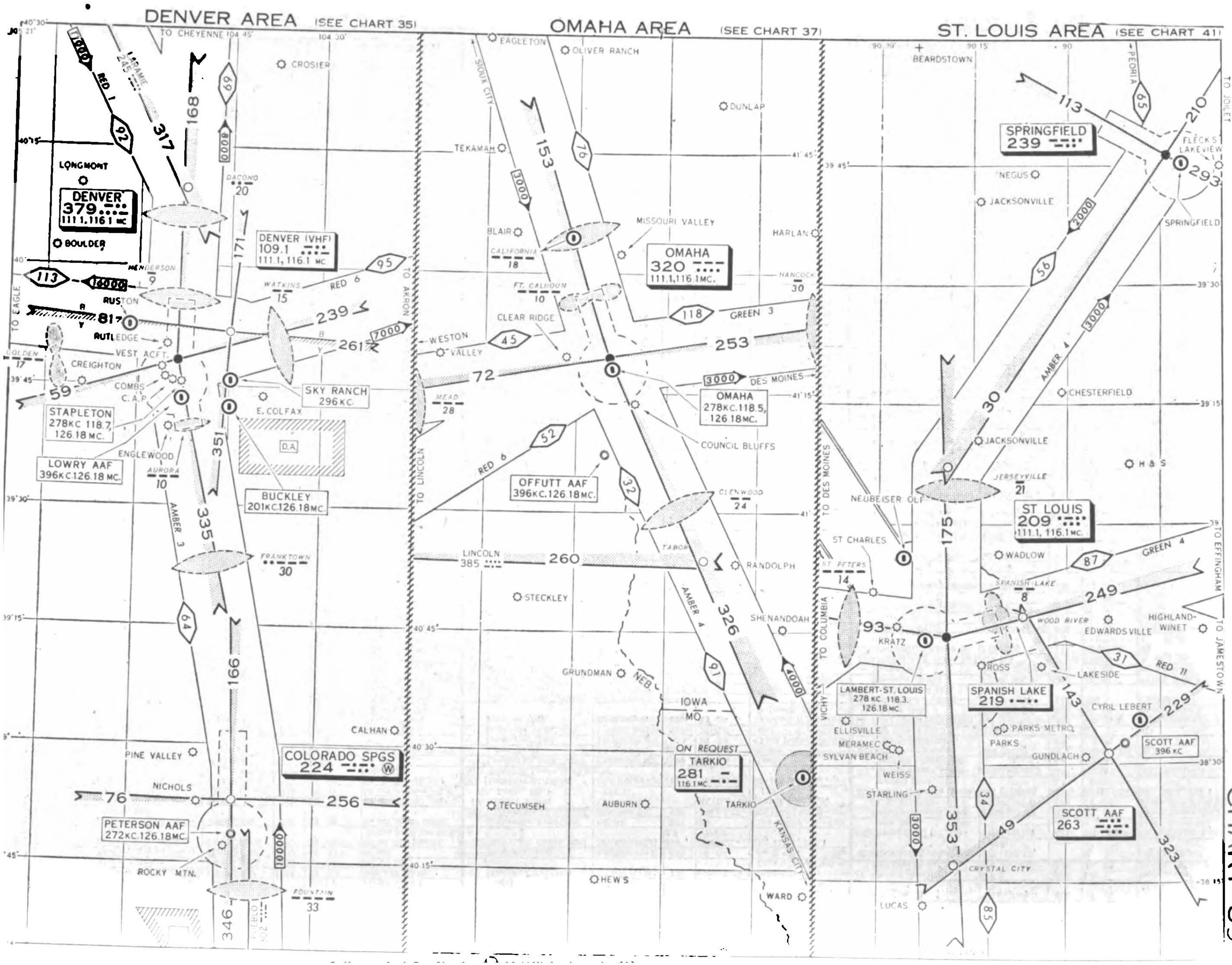
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ LAMBERT	110.3		238°	IM-	MM- (0.64)	OM- (3.98)
					MMK- 201 (0.60)	OMK-
OMAHA	110.3	335	135°	IM-	MM- (0.78)	OM- (4.90)
					MMK- 201	OMK- 219
STAPLETON	110.3	335	206°	IM-	MM- (0.65)	OM- (4.19)
					MMK- 335	OMK- 359

NEW FACILITIES

Tekamah (Nebr)	1.3 S;hwy W	1010	30 S2	80 oct.S blkd.
→ Lisco (Nebr)	0.5 W;RR N	3800	26	
→ Patty's (Lewellen,Nebr)	0.3 S	3300	26	P-line E.
→ Grundman, (Nebr. City, Nebr.)	1.1 SSW;hwy E	1150	28 S2	80 oct.
→ Falls City Mun. (Nebr.)	1.8 NE	960	29 S2	80 oct.
→ Ward (Craig,Mo)	0.6 NE;hwy S		25 S4	80 oct. P-line ESE

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


DENVER AREA (SEE CHART 35)
OMAHA AREA (SEE CHART 37)
ST. LOUIS AREA (SEE CHART 41)
DENVER 379 111.1, 116.1 MC
DENVER (VHF) 109.1 111.1, 116.1 MC
SKY RANCH 296 KC.
STAPLETON 278 KC 118.7, 126.18 MC.
LOWRY AAF 396 KC 126.18 MC.
BUCKLEY 201 KC 126.18 MC.
COLORADO SPGS 224 W
PETERSON AAF 272 KC. 126.18 MC.
OMAHA 320 111.1, 116.1 MC.
OMAHA 278 KC. 118.5, 126.18 MC.
OFFUTT AAF 396 KC. 126.18 MC.
TARKIO 281 116.1 MC
ON REQUEST
SPRINGFIELD 239
ST LOUIS 209 111.1, 116.1 MC.
LAMBERT-ST. LOUIS 278 KC. 118.3, 126.18 MC.
SPANISH LAKE 219
SCOTT AAF 396 KC
SCOTT AAF 263
TO CHEYENNE
TO EAGLE
TO AKRON
TO LINCOLN
TO DES MOINES
TO JOLIET
TO EFFINGHAM
TO JAMESTOWN
LONGMONT
BOULDER
CROSIER
DACONO
RUSTON
AUTLEDGE
VEST ACFT.
CREIGHTON
COMBS C.A.P.
E. COLFAX
ENGLEWOOD
AURORA
FRANKTOWN
CALHAN
PINE VALLEY
NICHOLS
ROCKY MTN.
FOUNTAIN
PUEBLO
EAGLETON
OLIVER RANCH
DUNLAP
SIOUX CITY
TEKAMAH
BLAIR
MISSOURI VALLEY
HARLAN
CALIFORNIA
WATKINS
FT. CALHOUN
CLEAR RIDGE
WESTON
VALLEY
MEAD
COUNCIL BLUFFS
CLEARWOOD
LINCOLN
STECKLEY
TABOR
RANDOLPH
SHENANDOAH
GRUNDMAN
NEB.
IOWA
MO
TECUMSEH
AUBURN
HEWS
KANSAS CITY
WARD
BEARDSTOWN
PEORIA
FLECKS LAKEVIEW
NEGUS
JACKSONVILLE
SPRINGFIELD
CHESTERFIELD
JERSEYVILLE
NEUBEISER OLF
H & S
ST CHARLES
ST PETERS
WADLOW
SPANISH LAKE
WOOD RIVER
EDWARDSVILLE
HIGHLAND-WINET
ROSS
LAKESIDE
CYRIL LEBERT
PARKS METRO
PARKS
GUNDLACH
ELLISVILLE
MERAMEC
SYLVAN BEACH
WEISS
STARLING
CRYSTAL CITY
LUCAS
KRATZ
VICHY
COLUMBIA
RED 1
RED 6
AMBER 3
AMBER 4
GREEN 3
GREEN 4
RED 11
DES MOINES
CHART 39

FACILITY	FREQ., IDENT., ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Adair (Iowa)	1.5 SSE;RR NW	1350	18 S1	Ltd 73 oct. Trees S.
ATLANTIC H Fac. (Iowa)	257(IZ)(116.1)		MHTV	(4);116.1,122.1
→ Atlantic, 4, CH-CC (Iowa)	1.9 W;RR E	1153	33 L3	Bcn 1/4 mi W.
Atlantic (Iowa)	4.6 NW;RR S	1353	21 S6	80, 91 oct.
Audubon Arwys (Iowa)	1 SSE;RR W	1300	15 S1	80 oct.
Bailey's (Brookfield, Mo)	2 WSW;hwy N	800	26 S1	80 oct. Pwr line SE. Poles E,SE,NW blckd
Bailey's Arpk (Chillicothe, Mo)	2 SSE;RR W	675	32 S6	80 oct. S,SW blckd.
Beaver (Des Moines)	3.4 NW	900	25 S6	80 oct. (Iowa)
→ Boonville (Mo)	1.5 NNW;riv S	602	26 S2	80 oct. P-lines NE,E.
Bowling Green (Mo)	1.6 NW;RR E	882	25 S2	80 oct. Poles S;pwr line SE.
BRADFORD H Fac. (Int.)	382 (MQ)		MHT	(4) (Ill)
* Bradford Int, 29, KC-CG (Ill)	4.5 NNE;	795	26 L3 S1	80 oct. P-line SW,NE.
(P) Bradley (Moberly, Mo)	3 NNE;hwy W	865	37h S6	80 oct. Obsts.
Briggs (Fiscus, Iowa)	4.2 NE;RR E	1370	21 S2	80 oct. Trees N.
BURLINGTON Range	326(BN)(vhf)	357, 1.9	SBRAZ-DTV	(4); 116.1, 122.1 (Iowa)
(P) Burlington (Iowa)	1.7 SSW	698	54h L5 S6	80, 91, 100 oct. Hwy E.
Butler, (Mo)	2N;RR,hwy W	870	26 S2	80 oct. Hedge N.
Cameron (Mo)	2 E;RR NW	1050	21 S4	80 oct. Poles N,W,NW.
Carthage (Ill)	1.5 SSW;RR E	665	24 S6	80 oct. P-line E.
(P) Cedar Rapids (Iowa)	6.7 SSW	864	55h L5 S1	80, 91 oct. RR E.
Centerville (Iowa)	3.5 SSW;RR N	1017	25 S2	80 oct. Use strips only.
Chariton C A P (Iowa)	2.3 NNE;RR SE	1050	16 S1	80 oct.
CHILLICOTHE H Fac (Mo)	242(CK)(116.1)		MHTV	(4);116.1,122.1
Chillicothe, 7, KC-CG	3 ESE;RR N, SW	780	25h L3	P-line S;trees SW. 4000' strip avail.
Clarinda (Iowa)	0.8 SE;RR W	1060	26 S4	80 oct.
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct. No sto. Port rnwy lgts. SW.
(P) Clinton (Mo)	2 NE;RR SE	800	36 S6	80, 91 oct. P-line N,S.
COLUMBIA Range (Mo)	379 CA)(vhf)	89, 3.9	SBRAZ-DTV	(4);116.1,122.1
→ Columbia (Mo)	2.4 NW;hwy S	777	33h L4 S6	80, 91 oct. Soft when wet.
Columbus Junction (Ia)	3 N;RR E	580	28 S2	80 oct. P-line N,E.
Cram (Davenport, Iowa)	2.5 NW;RR SW	646	21 S6	80, 91, 100 oct.
→ Creston Arwys (Iowa)	1.6 NE;RR W			ABANDONED
→ Daviess Co. (Mo)	1.1 W;RR N	930	19 S2	80 oct. Pole N.
Decatur (Ill)	4 NW	678	29 S6	80, 91 oct. P-line S,SW W, NW.
DES MOINES Range (Iowa)	212(DM)(vhf)	344, 2.0	SBRAZ-DTV	(3); 116.1, 122.1
DES MOINES Tower (Iowa)	278 (126.18, 118.3)		C	(4);126.18,122.5,118.3
(A) [Des Moines] (Iowa) Class (2B)	4.5 SSW	959	57h L5 S4	80, 91, 100 oct. RR W.
	1.9 ESE;RR S	786	30 L1 S6	80, 91 oct. Appchs blckd except E and N half W boundary.
Dodge (Iowa)	3.5 E;RR E	835	27 S6	80 oct. Hwy E.
Dressler (Anita, Iowa)	7 SSE;rd W	1250	17 S2	80 oct. Trees S.
Eads (Iberia, Mo)	1.1 W;hwy NE	960	32 S2	80, 91 oct.
→ Edwards (Grant City)	1.2 ENE;hwy S	920	23 S2	(Mo.) 80 oct. P-lines S
Fayette Flying Fld. (Mo.)	1.8 S;RR W	730	29 S2	80 oct. Trees W,S.
Fitzgerald (Mendota, Ill)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
Fordyce (Bethany, Mo)	4.8 ESE;rd W	1050	22 S2	80 oct. unver.
Fort Madison (Iowa)	1.5 N;RR W		27 S4	80 oct. Ltd sto. Data
→ Fulton (Mo)	3 WSW;hwy SE	875	15h S6	80 oct. P-line N,NE,S.
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct. Fld lgts prior req. E blocked.
Grand (Grand Mound)	1.2 SW;RR N	770	20 S2	80 oct. (Iowa)
Green (Mexico, Mo)	4.3 ESE;RR S	815	36 L S6	80 oct. Port rnwy lgts
Guthrie Center (Iowa)	0.5 NW;riv E	1074	21 S1	80 oct.
→ Hannibal (Mo)	4.3 WNW; hwy N	735	26 L S6	80 oct. P-line W,SW. Port rnwy lgts. Rough
Hillsboro (Ill)	1 NE	830	25 S4	Data unver.
Hi-Way (Piatt, Ill)	1.3 WNW;hwy S	665	20 S4	80 oct. 35°p-line S,E.
(P) Hunter (Cedar Rapids, → Iowa)	3 S;hwy E	732	27 L3 S6	80, 91 oct. Fld lgts prior req. Poles S,E.
Huston (Windsor, Mo)	4.3 E;hwy N	932	25 S1	80 oct.
IOWA CITY H Fac (Iowa)	248(IX)(116.1)		BHTV	(4);116.1,122.1
(P) Iowa City (Iowa)	1.7 SW;riv E	650	43h L1 S6	80, 91 oct. No sto.
Jefferson City (Mo)	2 N;hwy S	550	32 S6	80, 91 oct.
KANSAS CITY Range (Mo)	359(KC)(vhf)	145°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
NEW FACILITIES				
→ Warsaw (Mo.)	2.5 W;lk N,E,S	690	26 S4	80 oct. Trees W,S,E. Use strips
→ Zims (Warrenton, Mo)	0.4 ESE;hwy W	880	18 S2	80 oct. Trees E,W
→ Sky Haven (Warrensburg, Mo)	3.7 WNW;hwy S	850	24 S6	80, 91 oct. P-lines SE. WSW
→ Sky Lake (Tuscumbia, Mo)	8 WSW	588	25 S1	80 oct. Trees NNE

FACILITY	FREQ., IDENT ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
KANSAS CITY Tower (Mo) [Kansas City] (Mo)	278 (126.18, 118.3)		AC (ILS	(4); 126.18,118.3, 122.5.
	2.5 NW;riv W,S	739	52h L6 S6	80, 91, 100 oct. Poles E. Dike W. Flood lgts in.
Keokuk (Iowa)	4.6 NNW;riv E	670	28 S6	80, 91 oct. op.
KIRKSVILLE Range (Mo)	391(KR)(116.1)	333°, 0.9	BMRLZ-DTV	(4); 116.1, 122.1
Kirksville Arpk (Mo)	Adj SE	927	26	Clsd winter. NE.
→ Kirksville 12, KC-CG	7 SE;hwy NE	970	39h L3 S6	(Mo.) 80, 91 oct. P-lines
LAMBERT Tower (St. Louis, Mo.)	278(126.18, 118.3)		AC(ILS-W)	(4);126.18,122.5, 118.3
NG [Lambert-St.Louis] (NA) (NAS)(St. Louis, Mo.)	10.8 NW;hwy N, W	552	60h L6 S6	80-100 oct.;ltdo rqrd.
* Lamoni Int, 10, KC-MP	3 WNW;RR NE	1168	37 L3	(Iowa)
Leon (Iowa)	4.1 N;RR SE	1050	20 S2	80 oct.
Lexington (Mo)	3 WNW;RR NW	650	33 S6	73 oct. P-line S,W,SW
* Luray Int, 16, KC-CG	1.9 ESE;hwy N	727	26 L3	(Mo)
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73, 80 oct. N,NE blckd P-line E, SE.
Mader (Garnett, Kans)	2 WNW;hwy S	1060	26	
Manning (Iowa)	0.6 SW;RR W	1327	25 S2	73 oct.
Marceline (Mo)	1.5 N;RR SE	855	20 S1	80 oct. P-line NNE
MARSHALL H Fac. (Mo)	281(MH)(116.1)		MHTV	(4);116.1,122.1
* Marshall Int, 7, KC-LS	1.8 S;hwy E	800	39 L3 S2	80 oct. Silo NE corne
(P) Maryville Mun. (Mo)	2.2 WNW;hwy S	1154	25 S6	80, 91 oct (Mo)
Matanzas (Havana, Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
McCoy (Blue Mound, Ill)	5 W	660	16 S2	No fuel.
McVille (Mechanicsville, Iowa)	3.2 WNW;RR S	850	30 S6	80 oct. Poles S,W
Medbury (Armington)	1 NE	650	26	Data unver. (Ill)
→ Mel Adkins (Gravois Mills, Mo)	4.2 SSE;hwy W	950	19	Rough
Melbourne (Iowa)	1.5 SW	1000	20 S1	80 oct. Poles N.
Melbourne, com. (Iowa)	0.3 S;RR E	1000	21 S2	80 oct. P-line E.
MOLINE Range (Ill)	224(MO)(116.1)	142°, 12.0	SBRAZ-DTV	(4); 116.1 (ILS)
MOLINE ARPT Range (Ill)	278	86°, 2.3	ML	3105 (on req.)
(P) [Moline] (Ill)	4 S;hwy E,N	590	40h L6 S6	73, 80, 91 oct.; 100 oct for Army. Poles NW
Monmouth (Ill)	1.5 NNE;rd E	770	31 L1 S6	80 oct. P-line E,W,S.
MONTEZUMA H Fac.				DECOMMISSIONED
* Montezuma Int, 17, → OH-CG (Iowa)	3 E;hwy N	953	32 L3	Poles N,SW,W.
Morton (Ill)	3 W;hwy N		33 S2	80 oct. Use NE SW strip. Data unver.
Mt. Ayrport (Mt. Ayr, Iowa)	6.6 N;RR N	1100	21 S1	Ltd 80 oct. Poles N, NE.
Mt. Hawley (Peoria, Ill)	6.4 N;RR SW	700	28 S6	80, 91 oct. P-lines SE,
Mt. Pleasant (Iowa)	2.6 ESE;RR N	727	19 S2	80 oct. S,SW
(P) Muscatine (Iowa)	6 SW;RR SE	546	36 S6	80 oct.
Nashville (Ill)	1 E;lake W		20 S1	80 oct. Data unver
NEW FLORENCE H Fac. (Int.) (Mo)	248(ST)(116.1)		BHTV	(4);116.1,122.1
** New Florence Int, 17, KC-LS (Mo)	1 SSE;hwy N	885	40 L3 S1	80 oct.
→ Newton (Iowa)	1.5 ENE;hwy S	950	29 S6	80 oct. Poles S
Nicholas (Marshall, Mo)	3.6 S;hwy W	770	26 S4	80 oct. Pwr line S.
→ Niederhauser Arwys (Grinnell, Iowa)	4.5 E	1000	26 S1	80 oct. P-line S
OLATHE Navy Range (Kans)	420 (NUU)	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kans)	201(142.74)		CN (GCA)	(3);142.74 (8-18)
(N) Olathe Nas (Kans)(N)	5.2 SW;RR W	1085	53h L5 S6	100 oct.
OTTUMWA Tower (Iowa)	272 (142.74)		CN	(3); 142.74
(N) Ottumwa NAS (Iowa)(N)	6.4 NNW	841	52h L5 S6	73, 100 oct.
→ Ottumwa (Iowa)	3.6 N;RR N	830	32 S6	80, 91 oct. P-line W,
Pekin (Ill)	4 S;RR E	505	29 S6	80, 91 oct. P-lines SE.
Pella (Iowa)	3.5 SE;RR N	877	24 S6	80 oct. S,SW,W,NW.
PEORIA Range (Ill)	356 (PI)	178°, 2.3	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW;rd E	659	44h L5 S6	80, 91 oct. No flood or boundary lgts.
Phil-Larry (Roanoke, Ill)	4 W	474	23 S6	80 oct. Data unver.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
NEW FACILITIES				
→ Excelsior Springs (Mo.)	1.6 W;hwy S	900	10 S2	80 oct. Bldg SSW
→ Tyler (Villisca, Iowa)	0.5 E;riv E	1055	18 S1	80 oct. P-line S
→ Lenox (Iowa)	1 N	1200	22 S1	80 oct. Trees S

FACILITY	FREQ., IDENT ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Quincy (Ill)	2.8 SE;hwy E	650	26 S6	80, 91 oct. E blckd. P-line SE,S,SW.
(P) Quincy (new) (Ill)	9.5 E	760	54h	Data unver.
Red Oak (Iowa)	1.5 W;RR E	1044	26, 32	80 oct. P-line N.
ROSECRANS Tower (Mo)	278 (126.18, 118.7)		C	(4); 126.18,118.7,122.5
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW;riv SW	821	60h L5 S6	80, 91, 100 oct. Ltd 100 oct. 2-ech maint NG. Fld lgts
Roth (Oskaloosa, Iowa)	2 SSE;RR NE	850	20 S2	80 oct. Trees sur fld prior req
St. David (Ill)	1.5 SW;RR N	628	22 S2	80 oct. 200' stack NE.
ST. JOSEPH Range (Rosecrans) (Mo)	341 (ZJ)(vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
ST. LOUIS Range (Lambert-St.Louis) (Mo)	209(LS)(vhf)	256°, 2.3	SBRAZ-DTXV	(3);116.1,122.1
SCOTT Army Range (Belleville) (Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill.)	396		CA	(4)
(A) Scott (Belleville, Ill)(A)	7.5 ENE;RR S	447	55h L5 S5	73, 91, 100 oct. JP-1
Sedalia (Mo)	6.3 NW;RR S	820	30 S6	80 oct. Poles S.
(A) Sedalia AAF (Knobnoster, Mo) (A)	2.8 S;hwy N	848	72h	CLOSED
Seymour (Iowa)	2 NNW;RR S	1060	24 S1	80 oct. Hedge S
→ Slater (Mo)	0.8 NW;hwy N	850	26 S2	80 oct. P-line adj N.
SPANISH LAKE H Fac (Mo)	219 (L)	69, 7.8	FMHW	(Cont.) St. Louis
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4)
→ Springfield (Ill)	3.5 SW;bet RRs	606	31 S6	80, 91 oct. Use strips
Sterling (Ill)	1.4 N;hwy E	645	25 S6	80, 91 oct. E,SE blckd
* Stuart-Int, 8, OH-CG (Ia)	3.5 SE;rd E	1189	31 L3	P-line NE,E.
Taylorville (Ill)	1 SW-		26 S6	80 oct. Data unver.
→ Unionville Arwys (Mo)	1.5 ESE;hwy NE	1100	21 32	80 oct. P-line N.
Vandalia (Ill)	4.4 NW	532	39h L3 S6	80 oct.
* Van Orin Int, 34, OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vaughn (Trenton, Mo)	1.2 NNW;RR E	790	26	
Ventura (Ottumwa, Ia)	2.8 SSE;RR W	800	13 S6	80 oct. P-line N,W,NE
→ Versailles (Mo)	1.7 ENE;RR N	1050	20 S4	80 oct. P-lines sur fld. N/S strip unusable.
VICHY (AAF) Range (Mo)	344(OM)(116.1)	310°, 2.7	BMRLZ-DTV	(4);116.1,122.1
(A) Vichy AAF (Mo)(A)	1.5 NNW	1120	55h	CLOSED. Hwy SW.
Vogel (La Salle, Ill)	6.5 NNW;RR E	664	26 S2	80, 90 oct. Soft when wet. Poles N, W.
→ Warrensburg (Mo)	7.3 SSW;hwy E	860	27 S6	80 oct. Use strips only. P-lines SW,NW.
Washington (Iowa)	1.5 SSE;RR NE	769	26 S6	80 oct.
Weise Flying Service (Lone Tree, Iowa)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver.
Winterset (Iowa)	2 W;RR E	1130	21 S4	80 oct. Fence each end rnwy.
Wright (Garden City, Mo)	1.4 NNW;hwy SW	880	25 S1	80 oct. P-line S.

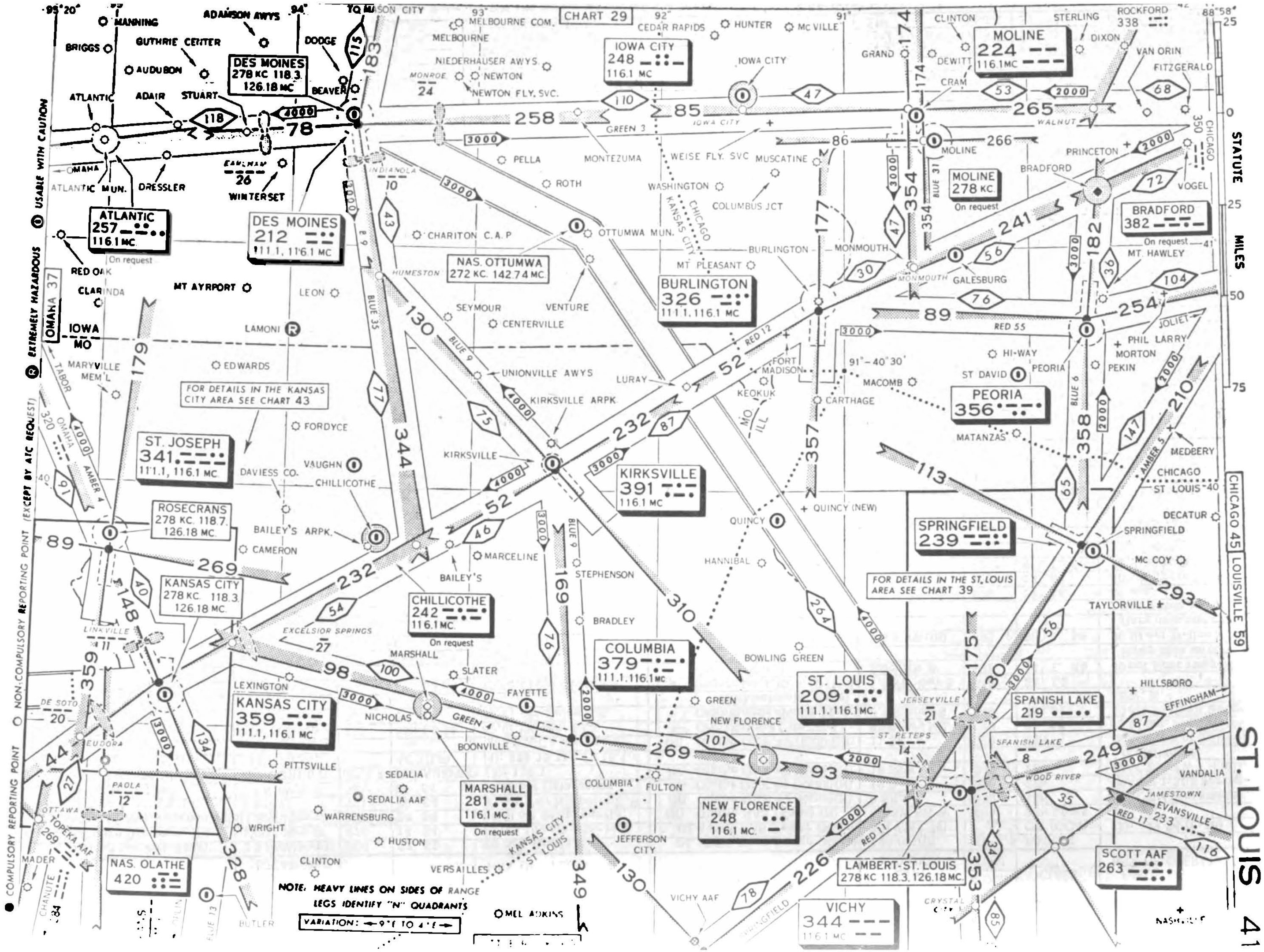
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
KANSAS CITY	108.9	333.8	173°	IM- ••••••(0.01)	MM- — —(4.65)
					MMK-221-•-•-(2.9) OMK-248-•-•(11.0)
LAMBERT	110.3		238°	IM-	MM- •—•—(0.64) OM- — —3.58)
					MMK 201 •••(0.60) OMK-
MOLINE	110.3	335	131°	IM-	MM- •—•—(0.71) OM- — —(4.4)
					MMK- OMK-
				IM-	MM- OM-

NEW FACILITIES				
Dewitt (Iowa)	1.5 ESE;RR S	710	23 S4	80 oct. S sided
Newton Fly. Svc. (Iowa)	3 W;hwy S	960	22 S2	80 oct. P-line SE.
Pittsville (Mo)	1.2 WNW;hwy S	925	20 S1	80 oct. P-line W. Trees
Stephenson (Macon, Mo)	3.5 SSE;RR W	850	26 S2	80 oct. P-line N E
Bradshaw (Nebr)	1.3 NNE	1700	26 S6	80 oct. P-line N,S,NW.
Hall (Stratton, Nebr)	1 SE;RR,riv N	2850	27	Poles W, NW. Use strips
Holdrege Mun. (new) (Neb)	2 ENE;RR,hwy S	2310	36 L1	Facs not installed but
Lakeside (Franklin, Neb)	5 N;lake N	2120	13	Soft when wet usable
Ravenna (Nebr)	1 NNE	2070	22 S2	80 oct. Poles W. Use stps.
York (Nebr) [Ia.)	1.8 N;hwy W	1662	30	Poles SW,NW. Use stps.
Adamson Arwys (Perry,	4.8 WSW;RR N	1000	17 S6	80 oct. P-line N.
Wyllies (Gorin, Mo.)	3 WNW;riv W	1640	14 S2	80 oct. Use strips only
Embry (Trenton, Mo.)	5 SSE;hwy E	800	26 S2	80 oct. P-lines E. Trees W
Depperman (Owensville, Mo)	0.7 NNW	900	28 S2	80 oct. Trees W,NW.
St. Clair (Mo.)	1.4 ENE	750	20 S2	80 oct. E,SSE,W blkd.
Palmyra (Mo.)	0.7 SE;hwy W	650	22 S2	80 oct. Trees S. P-lines W
Ace High (Galt, Mo.)	3 SW;hwy N	937	29 S6	80 oct. Poles SW,N.
→ Carrollton (Mo.)	4.0 W;hwy W	700	20 S2	80 oct. P-lines NNE
→ Eldon Model Arpk (Eldon,	0.9 NE;RR SE	910	33 S2	80, 91 oct. Trees SSW

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
* A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


CHART 29
95°20'
94°
93°
92°
91°
88°58'
DES MOINES
278 KC 118.3
126.18 MC
ATLANTIC
257
116.1 MC
On request
DES MOINES
212
111.1, 116.1 MC
IOWA CITY
248
116.1 MC
MOLINE
224
116.1 MC
MOLINE
278 KC
On request
BURLINGTON
326
111.1, 116.1 MC
NAS. OTTUMWA
272 KC. 142.74 MC
BRADFORD
382
On request
PEORIA
356
ST. JOSEPH
341
111.1, 116.1 MC
KIRKSVILLE
391
116.1 MC
KANSAS CITY
278 KC. 118.3.
126.18 MC.
CHILLICOTHE
242
116.1 MC.
On request
COLUMBIA
379
111.1, 116.1 MC
ST. LOUIS
209
111.1, 116.1 MC.
SPRINGFIELD
239
KANSAS CITY
359
111.1, 116.1 MC
MARSHALL
281
116.1 MC.
On request
NEW FLORENCE
248
116.1 MC.
SPANISH LAKE
219
NAS. OLATHE
420
VICHY
344
116.1 MC
LAMBERT-ST. LOUIS
278 KC 118.3, 126.18 MC
SCOTT AAF
263
ROSECRANS
278 KC. 118.7.
126.18 MC.
FOR DETAILS IN THE KANSAS CITY AREA SEE CHART 43
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 39
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 9°E TO 4°E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
STATUTE MILES
0
25
50
75
ST. LOUIS 41

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS OF OPERATION
Allman (Lenexa, Kans)	2.5 NNW; hwy N	900	22 S1	80 oct. Hedge E.
Ashburn (Chicago, Ill)	12 SW; hwy W	620	16 S4	80 oct. Unsafe after rain
Ashland Ave. (Chicago Hgts)	1.5 NW; hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora Airways (Ill)	3 NNW	701	30 S4	80 oct. Twr NE; poles E, W
→ Cedar Lake (Ind)	1.5 NNW; lk E	751	28 S4	73,80 oct. Data unver.
CHICAGO Range (Ill)	350 (CG) (116.1)	152°, 2.2	SBRAZ-DTXV (3); 116.1	
CHICAGO Tower (Ill)	278 (126.18, 118.7, 118.1)		AC (ILS)	(4); 126.18, 118.7, 118.1, 122.5 (GCA test basis)
[Chicago] (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
Chicago-Elmhurst (Elmhurst, Ill)	2.5 N; hwy SW	707	27 S6	80,91 oct. Poles S, E.
→ Chicago-Hammond (Lansing, Ill)	1.5 S; RR N	660	37 L3 S6	73,80,91 oct. Obsts sur fld.
(NG) Chicago-Orchard (Ill)	16 NW; RR W	657	58h L5 S6	80,91 oct. JP-1.
CHICAGO-ORCHARD Tower (Chicago, Ill)	396 (126.18)		C	(4); 126.18
Conard (Ottawa, Kans)	3.8 NNE; RR S	946	24 S6	80 oct. P-line N; hedge S
Elgin (Ill)	2.2 N; hwy W	770	24h S1	80,91 oct.
FAIRFAX Tower (Kans)	278 (126.18, 118.9)		AC	(4); 126.18, 122.5, 118.9
(A) Fairfax (Kans. City, Kans)	3 NE; RR E	742	65h L5 S4	81,100 oct. (A)
Fisher (Edwardsv'l, Kans)	1 ESE; RR N	770	26 S6	80 oct.
Gardner (Kans)	1.4 WSW	1070	39	Hwy S.
Gault (Wellsville, Kans)	0.8 ESE; RR N	1020	20 S1	80 oct. Trees E.
GLENVIEW Navy Range (Ill)	269 (NBU)	140°, 3.0	BMLZ-DT	(3); 140.58, 142.74
GLENVIEW NAS Tower (Glenview, Ill)	236 (142.74, 140.58)		CN	(3); 140.58; 3117.5 on req.
(N) Glenview NAS (Ill) (N)	1.6 NW; RR W	654	63h L3 S6	91,100 oct. No sto. RR E
Grayslake (Ill)	1.1 ENE; rd W	791	26	Trees W, S, E.
Hall's (Olathe, Kans)	2.6 SSE; RR W	1000	16 S2	73 oct. Cat'l on fld. P-
Harlem (Oaklawn, Ill)	2.2 WNW; hwy W	619	26 S6	80 oct. P-line E line N.
HARVEY Range (Rubinkam)	385 (GH)	90°, 2.2	MLWZ	(Ill)
→ Harrisonville (Mo)	2.1 W; RR N, S	910	18 S1	73 oct. Use strips only.
→ Hawk's (Atchison, Kans)	1.3 WNW	1000	15 S2	80 oct. Poles N, SE.
→ Heart of America (Kans. City, Kans)	4 E; RR E	759	23 S6	80 oct. Poles, trees S. Use strips only.
Hinsdale (Ill)	3 S; hwy SE	710	26 S6	73,80 oct. Rolling grnd
Howell (Blue Island, Ill)	3 W; hwy E	600	26 S6	80, 91 oct. strips only.
→ Independence (Mo)	5.8 ESE; RR S	825	24 S6	80,91 oct. Poles S. Use
JOLIET Range (Ill)	257 (JO) (116.1)	126°, 3.7	SBRAZ-DTV	(4); 116.1
Joliet, 22, LS-CG (Ill)	5 W; riv W	580	30h L4 S4	80,91 oct. Flood lgts prior req. after 2400.
Kane Co. (Elgin, Ill)	7 WNW; hwy E	910	21 S4	80 oct. Trees E, SE, NW
KANSAS CITY Range (Mo)	359 (KC) (vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower (Mo)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18, 118.3, 122.5
+ [Kansas City] (Mo)	2.5 NW; riv W, S	739	52h L6 S6	80,91,100 oct. Poles E. Dike W. Floodlgts inop
(P) Kansas City-Grandview (Kansas City, Mo)	16.4 S; RR E	1072	55h L5 S6	80,91 oct. No flood lgts. P-line NE, SW.
→ Lawrence (Kans)	2.5 NNE; hwy S	832	32 L3 S6	80,91 oct. No bcn lgts prior req. P-lines W, E, SE, NE.
→ Leavenworth Lecompton	3.6 WSW	1125	25 S1	80 oct. Trees N. P-line NE,
Lewis-Lockport (Lockport, Ill)	2.2 WNW; hwy E	664	26 S6	80,91 oct. (Kans) SW. Twr SE. Obsts sur fld
Mitchell (Lombard, Ill)	2.8 NNW	710	24	Data unver.
Momence (Ill)	3.5 SW; riv N	645	23 S2	80 oct. Trees NW, N, NE
Morris (Ill)	4.5 N; hwy W	590	21 S2	73 oct. Poles N, NNE.
OLATHE Navy Range (Kans)	420 (NUU)	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kans)	201 (142.74)		CN (GCA)	(3); 142.74 (8-18)
(N) Olathe NAS (Kans) (N)	5.2 SW; RR W	1085	53h L5 S6	100 oct.
(N) Olathe OLF #2 (Kans) (N)	5 SE	1090	16h	INACT. 4 W of Stanley.
(N) Olathe OLF #4 (Kans) (N)	10 S	1090	22h	INACT. 1.3 SE Spring-
(N) Olathe OLF #7 (Kans) (N)	16 SSW	940	23h	INACT. 4.3 W hill. of Hillsdale.
(N) Olathe OLF #9 (Kans) (N)	11 SE	1070	23h	INACT. 1 N of Stillwell
→ Ong (Kansas City, Mo)	9 SE; hwy NE	1050	31 S6	80,91 oct. Pwr line SW.
Osawatomie-Paola Mun. (Owawatomie, Kans)	3.8 N; pond S	960	25 S1	80 oct. P-line S. Hedge SW, N
* Osborn Int, 4, KC-MP (Mo)	1.5 NW; hwy S	1046	32 L3	
Ottawa (Kans)	5.3 S; RR W	975	34 L S6	80 oct. Port rnwy lgts. Rnwy data unver.
Pal-Waukee (Glenview, Ill)	5.5 WNW; RR S	642	30 L S6	80,91 oct. P-line N. Bcn flare pots, rdo rprs, Rnwy data unver.
Prosperi (Tinley Park, Ill)	1.7 SSW; hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW; RR N	650	18 S6	80 oct. Trees S. (Ill)
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW; riv SW	821	60h L5 S6	80,91,100 oct. Ltd 100 oct, 2-ech maint. NG. Fld lgts prior req.
ROSECRANS Tower (St. Joseph, Mo.)	278 (126.18, 118.7)		C	(4); 126.18, 118.7, 122.5
(P) Rubinkam (Harvey, Ill)	2.5 SW; hwy N	615	47 L1 S5	73,80,91 oct. Use W part
St. Charles (Ill)	3.5 E; RR E, S	760	18h	P-line N. only.
ST JOSEPH Range (Rosecrans)	341 (ZJ) (vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
→ SHERMAN Tower (Kans)	396 (126.18)+		CA	(3); 126.18
(A) Sherman (Ft. Leavenworth)	1 NNE; RR W	771	60 L5 S4	73,91,100 oct. (Kans) (A)
Sky Harbor (Northbrook, Ill)	1.6 NW; RR E	680	26 L S6	80,91 oct. Flare pots. P-line S.
Sky Haven (Bensenville, Ill)	1.5 SE; RR W, N	650	23 S4	80,91 oct. Use strips.
State Line Arpk (Stanley)	3.8 NE; RR E	1000	22 S1	80 oct. Poles E. (Kans)
Stinson (La Grange, Ill)	2 SE; hwy SE	644	25 S6	80,91 oct. P-line S, W
(P) Washington Park (Homewood, Ill)	1.5 SE; hwy E	625	30 S6	80,91 oct. Allway area
Will Co. (Steger, Ill)	0.5 S; RR W	740	15 S6	P-line S. No sto. or fuel
Wooddale (Ill)	1.5 N	711	30 S5	80 oct. Woods SSW; p-
York Township (Lombard, Ill)	2 SSW; hwy N	726	20 S6	80 oct. Use line W strips. P-line N, E.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO	109.9	333.8	132°	IM-	MM- ·—·—(0.79)	OM- ——(5.8)
					MMK- 201 ···	OMK- 219 ·—··
KANSAS CITY	109.9	333.8	173°	IM- ·····(0.01)	MM-	OM- ——(4.65)
					MMK-221 ·—·—(2.6)	OMK-248 ·—· (11.0)

NEW FACILITIES

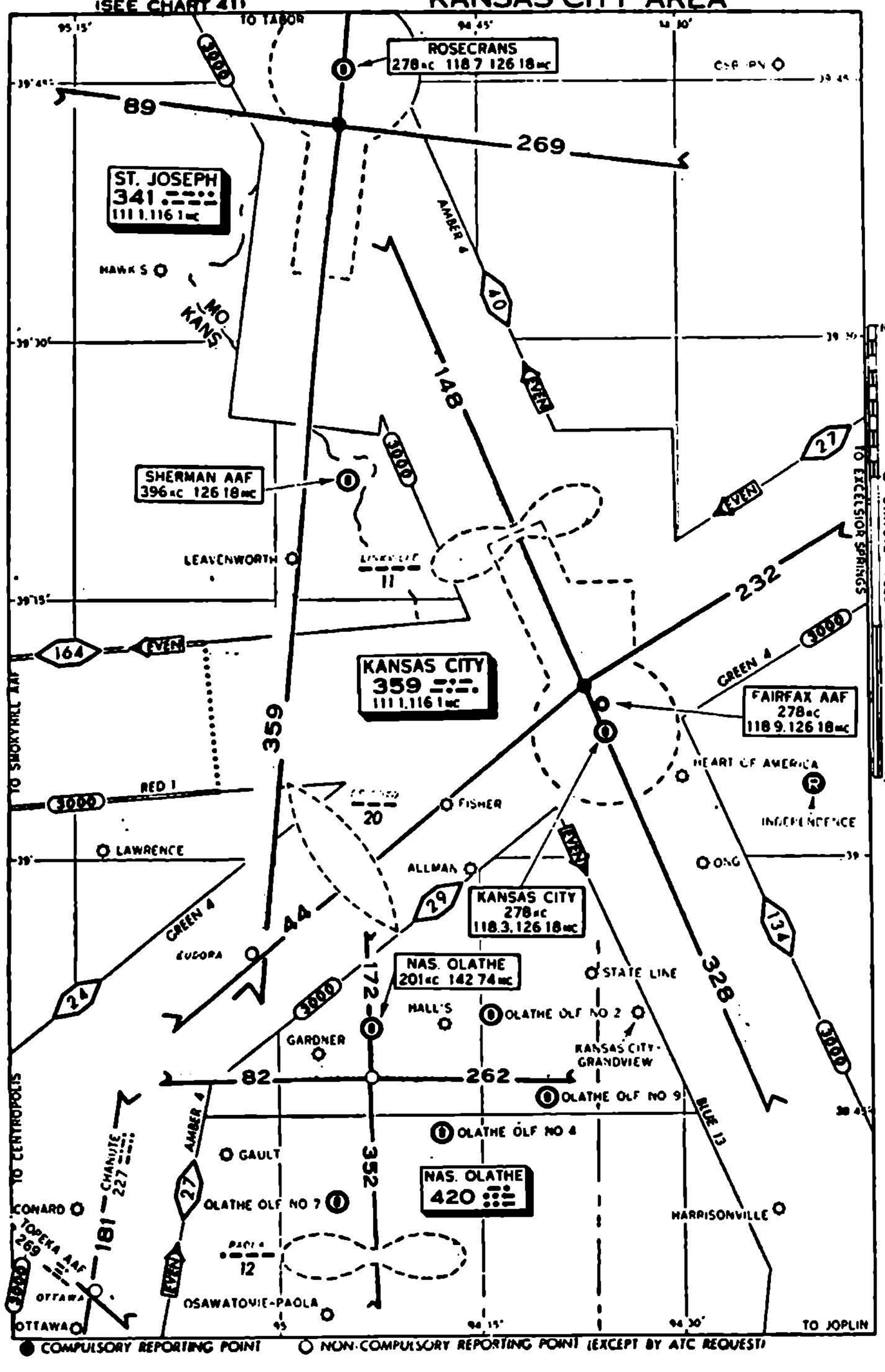
→ Triangle (Dyer, Ind.)	1.5 NE; RR E	630	33 S4	80,91 oct.
→ Lakeside (Gary, Ind.)	7.5 W		35 S4	73,80 oct. Data unver.
East Atchison (Rushville)	4.5 SW; riv W	790	24 S2	80 oct. N, NNW blkd. Use strips only. (Mo)
Glenota (St. Joseph, Mo)	6 WSW; riv N	800	26 S2	80 oct. N, E, W blkd. Use strips only.
Lake Contrary (St. Joseph)	6 SW; riv 2 N	800	21 S6	80 oct. Use strips only.
→ Lake Village (Ind.)	1 NW; hwy S	650	22 S2	80 oct. Data unver.
→ Crown Point (Ind.)	2 N	650	27 S6	80 oct. Poles E, NE.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

KANSAS CITY AREA

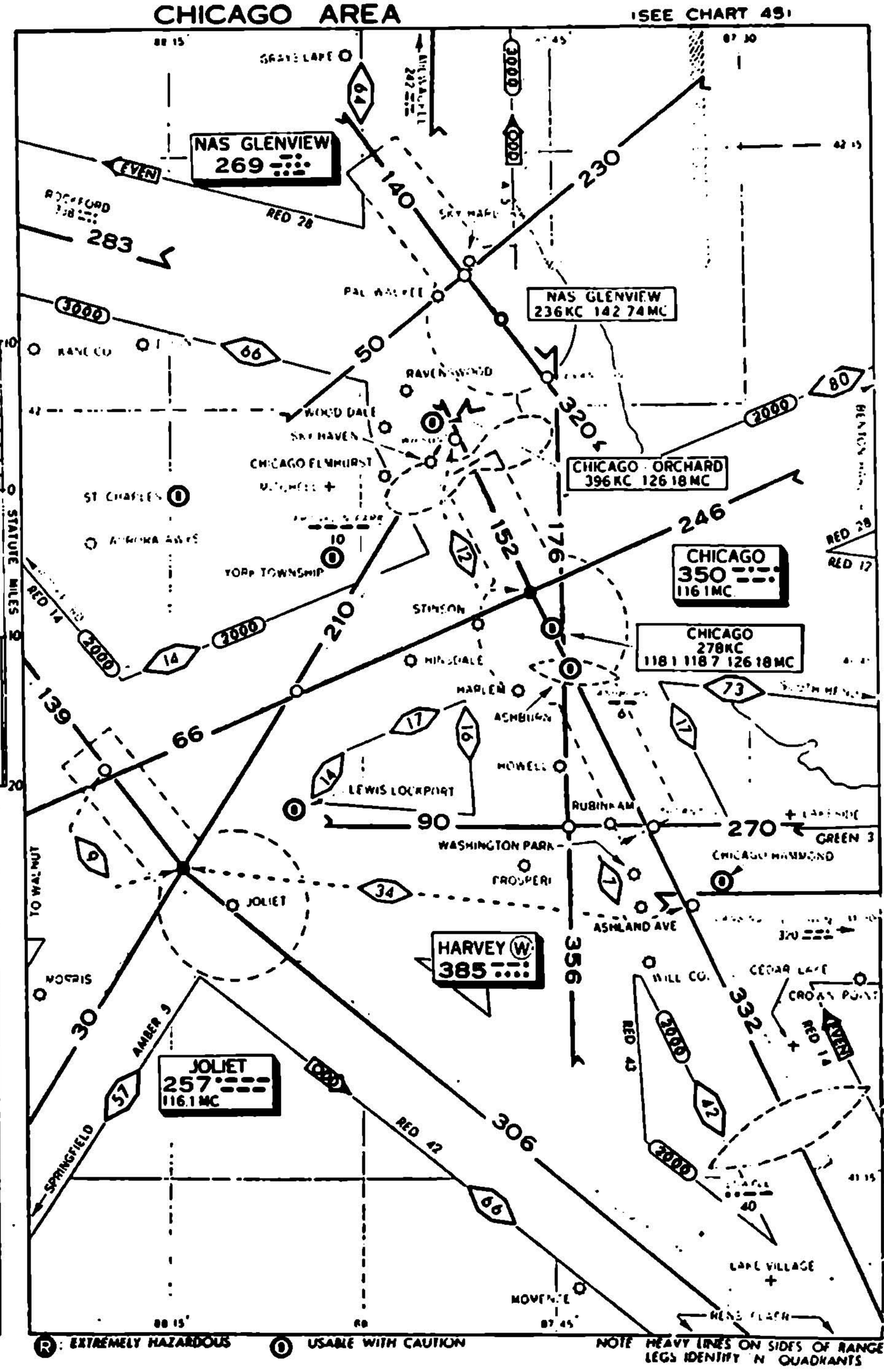
(SEE CHART 41)



● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

CHICAGO AREA

(SEE CHART 45)



(R): EXTREMELY HAZARDOUS (O) USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY IN QUADRANTS

CHART 43

CHICAGO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albertus (Freeport,Ill)	3.8 SE;RR S	740	26 S6	73,80 oct. RR W.
Aretz (Lafayette,Ind)	4 NE	500	35 S6	80 oct.Data unver.
→ Attica (Ind)	2.5 SSE;hwy W	647	26 S2	80 oct. P-line W.
Bellevue (Iowa)	3 N;RR W	652	19 S1	80 oct.
BENDIX Tower (Ind)	278 (118.3)		C	(4); 118.3,122.5
[Bendix](South Bend, Ind)	3.5 NW;hwy S	778	48h L3 S6	80-100 oct.P-line E,S.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct.Port rnwy lgts.
BRADFORD H Fac.(Ill)	382 (MQ)		MHT	(4)
Bradford Int,29,KC-CG (Ill)	4.5 NNE	795	26 L3 S1	80 oct.P-line SW,NE.
Cedar Lake (Ind)	1.5 NNW;lake E	751	28 S4	73,80 oct.Data unver.
Chain Lakes (South Bend, Ind)	5.2 W;hwy N,S	765	22 S3	80 oct.
Champaign (Ill)	2 NNW;hwy SW	753	28 S6	73,80 oct. W,NW,S blocked.
CHANUTE Army Range (Rantoul) (Ill)	365 (DNU)	43°,3.3	SBMRAZ	(3); 126.18
CHANUTE Tower (Ill)	396(126.18)+		CA	(3); 126.18
(A) Chanute AAF (Rantoul, Ill) (A)	1 SE;RR W	738	63h L5 S6	73,91,100oct.JP-1. Pole N
Cheever (Demotte,Ind)	3 W		29 S1	80 oct. Data unver.
CHICAGO Range (Ill)	350(CG)(116.1)	152°, 2.2	SBRAZ-DTXV	(3); 116.1
CHICAGO Tower (Ill)	278 (126.18, 118.7,118.1)		AC(ILS)	(4); 126.18,118.7,118.1, 122.5 (GCA test basis)
Chicago (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
City (So.Haven,Mich)	4 S;RR W	640	30 S4	73 oct. Trees W.
Clearview (Earlville)	3 E;hwy S		18 S1	80 oct.Data unver.(Ill)
Clinton Fly.Club(Ill)	4.8 NE	720	13	
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct.No sto.Port rnwy lgts.
Cooper (Tuscola,Ill)	1.6 SW;RR E	650	24 S2	80 oct.Poles NW,SE,E,
Cork (West Lebanon, Ind)	4 W		24 S1	80 oct. Obsts NE. NE Data unver.
Cram (Davenport,Ia)	2.5 NW;RR SW	646	21 S6	80,91 oct.
Crown Point (Ind)	2 N	650	27 S6	80 oct.No sto.Poles E,
Culver (Ind)	2 E;lake W	815	26	NE
Danville (Ill)	2.4 SSW;hwy W	640	33 S6	80,91 oct.N blkd.P-line N,NE.Hedge SW
Decatur (Ill)	4 NW	678	29 S6	80,91 oct.P-line S,SW, W, NW.
(P) Decatur Park (Ill)	4 E;RR,hwy S	679	53h L5 S6	80,91 oct.No flood lgts
Dixon (Ill)	1.9 ESE;RR S	786	30 L1 S6	80,91 oct.Appchs blkd except E, NW.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E. (Ill)
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct.Fld lgts prior req. E blkd.
Gamble (Hobart,Ind)	1.8 NNW;hwy S	650	25 S6	80,91 oct.P-line E,NE
Gary (Ind)	6 S;hwy W	610	23 S6	80,91 oct.P-line E,SE, S, W, SW.
GLENVIEW Navy Range (Ill)	269 (NBU)	140°, 3.0	BMLZ-DT	(3); 140.58,142.74
GLENVIEW Nas Tower (Ill)	236 (142.74, 140.58)		CN	(3); 140.58; 3117.5 on req.
(N) Glenview NAS (Ill)(N)	1.6 NW;RR W, E	654	63h L3 S6	91,100 oct.No sto.
Gordon (New Carlisle)	2.8 ESE;RR N	730	13 S1	Fuel avail.Poles E.(Ind)
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct.Port lgts on
Hamilton (Polo, Ill)	2.3 NE	795	25 S3	80 oct.P-line N. req. E blocked.
HARVEY Range (Rubinkam)(Ill)	385 (GH)	90°, 2.2	MLWZ	
Highland (Perrysville)	2.8 WNW	585	23 S2	Ltd 73 oct (Ind)
Hi-Way (Fiatt, Ill)	1 NE	630	25 S4	Data unver.
(P) [Hulman](Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Illini (Urbana, Ill)	2 NNE;hwy E	740	25 S6	80 oct.Floares on req. E,SE blkd.P-line SW.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
INDIANAPOLIS Tower (Ind)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7 (Exper. GCA)
(P) Indianapolis (Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct.Exper lgtg
Interstate (De Kalb,Ill)	1.8 E;RR W	900	34h	CLOSED.
Jasper Co.(Rensselaer, Ind)	1.5 WNW; hwy S	676	32 L3 S4	80 oct.
JOLIET Range (Int.)(Ill)	257(JO)(116.1)	126°, 3.7	SBRAZ-DTV	(4); 116.1
Joliet, 22, LS-CG (Ill)	5 W;riv W	580	30h L4 S4	80,91 oct.Flood lgts prior req after 2400.
Kankakee (Ill)	3.2 WSW; hwy E	625	26 S4	73,80 oct.Use strips only.Ditch N.
Kentland (Ind)	6 ENE		19	Data unver.
Kingman Fly Svc.(Ind)	0.5 E;hwy N	710	26 S4	80 oct.No sto.Data unver.
Kiswaukee (Sycamore, Ill)	2.5 SW;riv N, S, E	830	19 S6	80 oct.P-lines N, NW.
LAFAYETTE Range (Purdue Univ.)(Ind)	227 (LF) (116.1)	50°, 2.4	BMLZ-DTV	(4); 116.1
Lakeside (Gary, Ind)	7.5 W		35 S4	73,80 oct.Data unver.
Lake Village (Ind)	1 NW;hwy S	650	22 S2	80 oct. Data unver.
La Porte (Ind)	2.5 SSW;RR W	801	29 L3 S6	80 oct.S&SW blkd.
Lockwood (Frankfort, Ind)	2.5 S;RR W	873	20 S6	80 oct.E,SE blkd.
Logan (Logansport,Ind)	7 S	594	15 S1	80 oct.P-line S.
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct.No sto. Appchs blocked, except SW. Port lgts prior req.
McCOOL H Fac.(Int)(Ind)	359 (ML)		MHW	Oper. cont.
* McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	(Ind) P-line W.
→ Machesney,7,CG-Twin Cities (Rockford,Ill)	6 NNE;riv NW	735	29 L3 S6	73,80 oct.E,S blkd.P-line SE.
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73,80 oct.N,NE blkd. P-line E,SE.
Matanzas (Havana,Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Medbery (Armington)	1 NE	650	26	Data unver. (Ill)
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct.P-line S,W.
Midway (Goshen,Ind)	5 NW		36	Data unver.
MOLINE Range (Ill)	224(MO) (116.1)	142°, 12.0	SBRAZ-DTV	(4); 116.1 (ILS)
MOLINE ARPT Range (Ill)	278	86°, 2.3	ML	3105 (on req)
(P) [Moline] (Ill)	4 S;hwy E,N	590	40h L6 S6	73,80,91 oct.100 oct.for Army. Poles NW.
Monticello (Chalmers, Ind)	3 ENE;RR W	650	19 S2	80 oct. Hwy W.
→ Morton (Groveland)	0.5 NNE;hwy N	792	24 S2	80 oct.P-line N,W.(Ill)
Mt. Hawley (Peoria,Ill)	6.4 N;RR SW	700	28 S6	80,91 oct.P-lines SE,S.
Ockley (Ind)	1 W		23	Pwrlines N.W. SW Trees E.Data unver.
Ottawa (Ill)	Adj NW		22 S2	80,91 oct.Data unver.
Paul S. Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S4	80,91 oct. P-line NE, SW.
→ Pecatonica (Ill)	1 N;hwy E	750	24 S6	73 oct. P-line E.
Pekin (Ill)	4 S;bet RRs	505	29 S6	80 oct.P-line W,N,E.
PEORIA Range (Ill)	356 (PI)	178°, 2.3	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW rd E.	659	44h L5 S6	80,91 oct.No flood or boundary lgts.
Phil-Larry (Roanoke, Ill)	4 W	747	23 S6	80 oct. Data unver.
(P) Plymouth (Ind)	1.5 NW;RR E	898	32 S4	80,91 oct.Poles W,E.
Port O'the Woods (Annapolis,Ind.)	2.2 NNW	560	33 S4	80 oct.Trees E,NE,WSW
Powell Brothers (Sheldon, Ill)	2.2 S;hwy NE	690	20 S2	80 oct.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
Reimer (Lafayette, Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver.
ROCKFORD Range (Machesney)(Ill)	338 (RD) (116.1)	45°, 1.7	SBRAZ-DTV	(4); 116.1

FACILITY	FREQ., IDENT / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Rubinkam (Harvey,Ill)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct.Use W
Russell's (Hoopeston, Ill)	6.5 WNW; RR S		13	PRIVATE.Data part, unver.
St. David (Ill)	1.5 SW;RR N	628	22 S2	80 oct.200' stack NE.
Sandwich (Ill)	1 W;RR N		18 S4	80 oct. Data unver.
SOUTH BEND Range (Bendix)(Ind)	215 (SN) (116.1)	75°, 3.3	SBMRAZ-DTV	(3); 116.1
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4)
→ Springfield (Ill)	3.5 SW; bet RRs	606	31 S6	80,91 oct.Use strips. Lgts prior req.
Stair (Mulberry, Ind)	0.3 NE;hwy S	650	16 S4	80 oct.No sto. P-line S, Data unver.
Starke Co.(Knox,Ind)	1.7 S		26 S3	80 oct.P-lines ovr fld No sto.
Sterling (Ill)	1.4 NW; hwy E	645	25 S6	80,91 oct.E,SE blkd.
Stockton (Ill)	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Svc.(Ill)	2 ENE;hwy S	650	26 S4	80 oct. P-line E.
Triangle (Dyer,Ind)	1.5 NE;RR E	630	33 S4	80,91 oct.P-line S,SE. Bldg W.
Triangle Air Service (Wellsboro, Ind)	2 NNE; hwy S	800	23 S2	80 oct.
Twin Cities-Ross (Benton Harbor,Mich)	1.5 NNE; RR S	649	38h S6	80 oct. Poles E.
(P) University of Illinois (Champaign, Ill)	5.5 SSW; RR E	752	53h S6	80,91 oct. Flares on req.
Urschell (Valparaiso, Ind)	1.7 NNE; hwy E	766	26 S2	80 oct. P-line N.
* Van Orin Int, 34, OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vermillion (Danville, Ill)	4 E;RR N, SW	650	21 S4	80 oct.30' poles S.
Vogel (La Salle, Ill)	6.5 NNW; RR E	664	26 S2	80,90 oct.Soft when wet Poles N, W.

INSTRUMENT LANDING SYSTEMS (*Localizer, Glide Path in mcs, Compass Locator in kcs*)

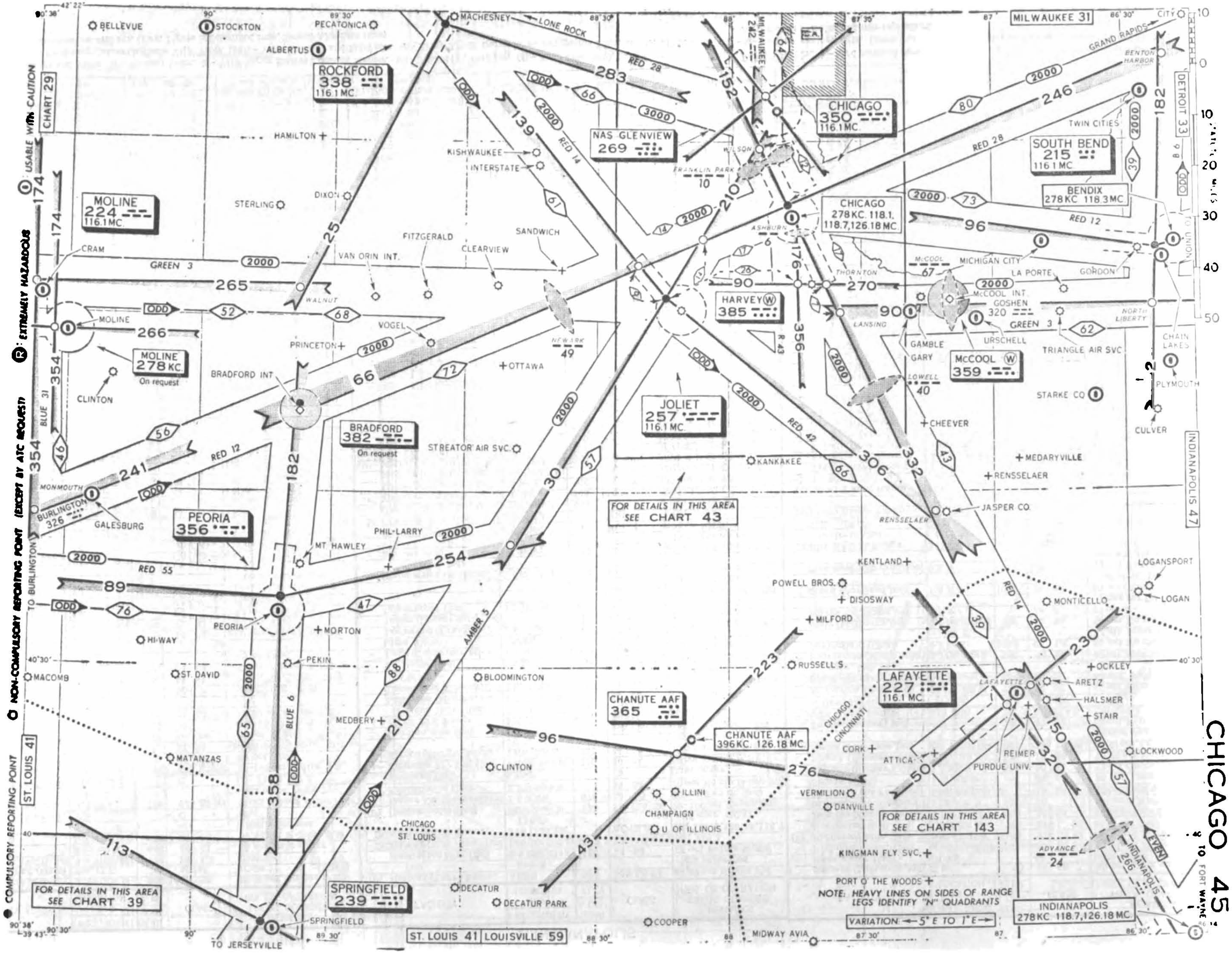
LOCATION	LC/LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CHICAGO	109.9	333.8	132°	MM- •-•-• (0.79)	OM- — — (5.8)
				MMK- 201 •-•-•	OMK- 219 •-•-•
MOLINE	110.3	335	131°	MM- •—•—• (0.71)	OM- — — (4.4)
				MMK-	OMK
				MM-	OM-
				MMK-	OMK
				MM-	OM-
				MMK-	OMK

NEW FACILITIES

Milford (Ill)	0.5 N; RR E	670	29 S5	80,91 oct. Tank ESE.
Kentfield (Ind.)	2.4 SSE;RR W	805	22 S4	80 oct.Poles N,NE,SW,W
Starke Co. (Knox,Ind.)	0.9 S;hwy E	714	29 S6	80 oct.P-lines NE,SE,SW,NW
Mid-City(Mich.City,Ind)	3 S	650	26 S4	80 oct.Wires N,S Data unver
Stewart Fld.(Danville,Ind)	1.5 E	750	25 S1	80 oct.Wires N,S Data unver
Elnore (Ind.)	.25 SE		18 S1	80 oct.P-lines N Data unver
Boswell (Ind.)	1 N		15 S4	80 oct.Data unver.
Fair Acres(Buck Creek,Ind)	0.5 E	595	26 S2	80 oct.Trees N Data unver
Skyway(Tolleston,Ind.)	4.5 N	630	18 S1	80 oct.Trees NE,Wires SE,NW
Kellerman Fld(N.Judson,Ind)	1.5 S	650	17 S1	80 oct.Wires SE Trees N

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


CHICAGO 45
MILWAUKEE 31
ROCKFORD 338 116.1 MC.
MOLINE 224 116.1 MC.
MOLINE 278 KC. On request
BRADFORD 382 On request
PEORIA 356
BURLINGTON 326
CHICAGO 350 116.1 MC.
NAS GLENVIEW 269
CHICAGO 278 KC. 118.1, 118.7, 126.18 MC.
HARVEY (W) 385
JOLIET 257 116.1 MC.
SOUTH BEND 215 116.1 MC.
BENDIX 278 KC. 118.3 MC.
McCOOL (W) 359
CHANUTE AAF 365
CHANUTE AAF 396 KC. 126.18 MC.
LAFAYETTE 227 116.1 MC.
SPRINGFIELD 239
INDIANAPOLIS 278 KC. 118.7, 126.18 MC.
ROCKFORD
MACHESNEY
LONE ROCK
BELLEVUE
STOCKTON
PECATONICA
ALBERTUS
HAMILTON
KISHWAUKEE
INTERSTATE
DIXON
STERLING
CRAM
GREEN 3
VAN ORIN INT.
FITZGERALD
CLEARVIEW
SANDWICH
WALNUT
MOLINE
VOGEL
PRINCETON
NEWARK
OTTAWA
BRADFORD INT.
CLINTON
STREATOR AIR SVC.
MONMOUTH
GALESBURG
MT. HAWLEY
PHIL-LARRY
PEORIA
HI-WAY
MORTON
PEKIN
MACOMB
ST. DAVID
MATANZAS
BLOOMINGTON
MEDBERY
CLINTON
CHICAGO
ST. LOUIS
DECATUR
DECATUR PARK
SPRINGFIELD
COOPER
TO JERSEYVILLE
ILLINI
CHAMPAIGN
U. OF ILLINOIS
KANKAKEE
FOR DETAILS IN THIS AREA SEE CHART 43
FOR DETAILS IN THIS AREA SEE CHART 39
FOR DETAILS IN THIS AREA SEE CHART 143
MILWAUKEE
FRANKLIN PARK
WILSON
ASHBURN
THORNTON
LANSING
McCOOL
MICHIGAN CITY
LA PORTE
GORDON
McCOOL INT.
GOSHEN
GREEN 3
GAMBLE
GARY
URSCHELL
TRIANGLE AIR SVC.
LOWELL
CHEEVER
STARKE CO.
PLYMOUTH
CHAIN LAKES
CULVER
NORTH LIBERTY
MEDARYVILLE
RENSSELAER
JASPER CO.
TWIN CITIES
GRAND RAPIDS
BENTON HARBOR
DETROIT 33
TO UNION
INDIANAPOLIS 47
KENTLAND
POWELL BROS.
DISOSWAY
MILFORD
RUSSELL S.
CORK
ATTICA
VERMILION
DANVILLE
PURDUE UNIV.
REIMER
ARETZ
HALSMER
STAIR
OCKLEY
LOCKWOOD
LOGANSPORT
LOGAN
MONTICELLO
KINGMAN FLY SVC.
PORT O THE WOODS
MIDWAY AVIA
ADVANCE 24
INDIANAPOLIS 266
TO FORT WAYNE
CHICAGO CINCINNATI
AMBER 5
RED 28
RED 14
RED 12
RED 42
RED 55
BLUE 6
BLUE 31
GREEN 3
ST. LOUIS 41
LOUISVILLE 59
CHART 29
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 5° E TO 1° E
ODD
EVEN
2000
3000
R 43
90° 38'
42° 22'
90°
89° 30'
88° 30'
88°
87° 30'
87°
86° 30'
39° 43'
90° 30'
40°
40° 30'

INDIANAPOLIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Adrian City (Adrian)	3 SW;RR N	800	25 S6	80,91 oct.Obsts sur fld.
ARCHBOLD H Fac.(Ohio)	371 (YV)		MHW	(Cont.) (Mich)
* Archbold Int,18,CG-LG	3.5 NNW;RR N	710	28 L3	(Ohio)
Attica (Ind)	2 S;hwy W	647	26 S1	80 oct.Data unver.
Auburn (Ind)	1.3 NNW;RR E	872	27 S6	80,91 oct.P-lines E,W. Soft when wet.
BAER Tower (Ft.Wayne)	278		C	(4)
(A) [Baer](Ft.Wayne,Ind)	7.5 SSW; RR E	799	63h L5 S4	91 oct.100 oct.Army Fld lgts prior req.
BENDIX Tower (So.Bend)	278 (118.3)		C	(4); 118.3,122.5
[Bendix](So.Bend,Ind)	3.5 NW;hwy S	778	48h L3 S6	80-100 oct.P-line E,S
Black Hawk (Sheridan)	5.3 N;hwy E	925	17 S2	80 oct. (Ind)
→ Bluffton-Wells Co.	2.8 WSW;RR S	820	32 S4	(Bluffton,Ind.)80 oct.P-line NE,ESE.
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. (Ohio)
Bringham (Portland,Ind)	1.5 E;RR E	1020	20	Poles S;120' tank SW.
Bryan-Defiance Mem'l (Defiance, Ohio)	5.2 NW;riv E	705	31 S2	73,80 oct.P-line S,E.
(N) Bunker Hill NAS (N)	1.8 W;RR N	798	50h	INACTIVE. (Ind)
→ Cadet (So.Bend,Ind)	6.5 NE;RR E	730	26 S4	80 oct.SE,E,SW,S blkd.
Cass Co.Memorial (Dowagiac,Mich)	1 NW	750	31 S4	80 oct.P-lines E,NE, S blocked.
Cedar Lawn (Kenton)	2.3 S;RR E	975	18 S2	80 oct.Poles E.(Ohio)
Chain Lakes (So.Bend)	5.2 W;hwy N,S	765	22 S3	80 oct. (Ind.)
Cheever(Demotte,Ind)	3 W		29 S1	80 oct.Data unver.
CLINTON CO.AAF Range	114.3 (DWO)		VARW	(8-1630 Mon.-Fri)
→ CLINTON CO. Army H Fac. (Ohio)	201	220° 0.2	MHW	(8-1630,Mon.-Fri.or on 30 min.notice)
CLINTON CO.Tower (O)	272 (126.18,		CA(ILS-W)	(3);126.18,137.7,116.1
(Wilmington, Ohio)	140.58,116.1)		(GCA)	Tr.on 137.88 on req.
(A) Clinton Co.AAF (Wilmington, Ohio) (A)	2SE;hwy NE	1062	60h L5 S1	73,91,100 oct.JP-1 Rnwy lgts 1 hr's notice
* Coldwater Int,4,DY-GO	2 NW;crk NW	898	33 L3	(Ohio)
Coons(Nevada,Ohio)	0.3 NE;RR S		21 S2	80 oct.Data unver.
Cork(W.Lebanon,Ind)	4 W		24 S1	80 oct.Obsts NE Data
Coxey's (Winchester, Ind)	1 ESE	1088	16 S6	80 oct.P-line unver. S,SW Stacks NW.
Crabill (Spri ngfld,Ohio)	2.5 SE;RR E	1040	29 S6	80 oct.P-line S.
Culver (Ind)	2 E;lk W	815	26	
Dahio (Dayton,Ohio)	8.5 W;hwy S	925	37 S4	80 oct.
DAYTON Range (Ohio)	245 (DY) (116.1)	90°, 3.2	SBMLZ-DTV	(3); 116.1
DAYTON Tower (Ohio)	278 (126.18, 118.9)		AC (ILS-W)	(4):122.5,126.18,118.9
(P) [Dayton] (Ohio)	10 N;hwy E	1007	55h L6 S6	73,81,91,100 oct.
Dr.Haines (Three Rivers, Mich)	2.3 NE:riv SE	820	26 S2	80 oct.N,E,S blkd. Poles N (Ind)
→ E.Richmond (Richmond)	3.7 ESE;RR E	1090	20 L S6	80 oct.Flares on req.
→ Elkhart (Ind)	2.7 NNW	752	30 S6	80 oct.N,NE,SE,NW blkd.
Elwood (Ind)	2 S;hwy NW	850	23 S6	80 oct.P-line S.
FINDLAY H Fac.(Ohio)	209 (JF)		BMHT	(4) (cont)
Findlay (Ohio)	1.5 SSW	800	27 L5 S4	80 oct. Hwy NW.
FORT WAYNE Range (Ind) (Baer Field)	251 (FW) (116.1)	51°, 3.5	BMRLZ-DTV	(4): 116.1
Franklin (Toledo,Ohio)	4.5 WNW	630	32 S4	80 oct.Poles sur fld RR S
Gamble (Hobart,Ind)	1.8 NNW; hwy S	650	25 S6	80,91 oct.P-line NE,E.
Gary (Ind)	6 S;hwy W	610	23 S6	80,91 oct.P-line E,SE,S.
Gordon (New Carlisle, Ind)	2.8 ESE; RR N	730	13 S1	Fuel avail. SW,W Poles E.
GOSHEN Range (Ind)	320 (GO) (116.1)	90°, 2.7	SBRAZ-DTV	(4); 116.1
(P) Goshen (Ind)	4.5 SSE	823	39 L3 S6	80,91 oct.P-line S,SE,SW
Grieser (Wauseon,Ohio)	2.5 E;RR N	750	24 S1	80 oct. Riv SW
Grimes (Urbana,Ohio)	1.5 N;RR W	1055	35 L4 S6	80,91 oct.Fld lgts prior
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct.Port lgts on req.P-line SW. req.
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE,SSW
Highland (Perrysv'l,Ind)	2.8 WNW	585	23 S2	Ltd 73 oct.
Hightman (Lebanon,Ohio)	3 E;RR W	880	16 S1	80 oct. Trees W,E.
Hillsdale (Mich)	1.6 NW;RR E	1160	19 S4	80 oct.Poles NE.
→ Hi-Way(Decatur,Ind.)	1.5 SW	775	26 S1	80 oct.Wires E.Data unver
(P) Hulman (Terre Haute, Ind)	5 ESE hwy N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Huntington Mun.(Ind)	2.5 SSE;riv S	825	22 S4	73 oct.P-line W,NW.
INDIANAPOLIS Range(Ind)	266 (ID) (116.1)	82°, 3.2	SBRAZ-DTV	(3); 116.1
INDIANAPOLIS Tower	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7 (Exper. GCA)
(P) [Indianapolis](Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct.Exper lgtg.
Jasper Co.(Rensselaer)	1.5 WNW	676	32 L3 S4	80 oct.Hwy S. (Ind)
Kendallville (Ind)	2.2 N;hwy W		25 S4	80 oct.No sto.P-line SW.
Kentland (Ind)	6 ENE,		19	Data unver. S.
→ Kingman Fly Svc.(Ind)	1 ESE;hwy N	710	20 S4	80 oct.P-line N,NE,Er.
Kirsch (Sturgis,Mich)	1 NW;RR E	922	24 S4	80 oct.Poles S.E.Use strips only.
Kokomo,mun.(Ind)	4.7 NE	827	40h L5 S2	80 oct.P-line N.Lgts
LAFAYETTE Range (Purdue Univ.)(Ind)	227 (LF) (116.1)	50°, 2.4	BMRL-DTV	(4); 116.1 prior req.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct.Pole N.(Ohio)
Lansdowne (Greenville) Ohio)	2 ESE;RR N	1208	19 S6	80 oct.Bldgs,hi-line N. Data unver.
La Porte (Ind)	2.5 SSW	801	29 L3 S6	80 oct.S&SW blkd.RR W
Legg (Coldwater,Mich)	1.5 NW	982	32 S4	80 oct. Trees E.
Lima (Ohio)	4 WNW	830	26 S6	80,91 oct.P-line N.RR
Lockwood (Frankfort,	2.5 S;RR W	873	20 S6	80 oct.E,SE blkd. NE.
Logan (Logansport) (Ind)	7 S	594	15 S1	80 oct.P-line S. (Ind)
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct.No sto.Appchs blkd except S,SW.Port lgts prior req.
Manchester (No.Manchester, Ind)	1.5 W;RR E	752	20 S2	80 oct. Poles S.
Marion (Ind)	3.8 SSW; hwy E	832	24 L S6	80,91 oct.P-line NE,E Port lgts on req.
Marion (Ohio)	2.5 WNW	915	28 S2	80 oct. RR S.
McCOOL H Fac. (Ind)	359 (ML)		MHW	Oper. cont.
* McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	(Ind) P-line W.
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Mettel (Connersv'l,Ind)	2.8 NNE	950	29 S2	80 oct. Bet RRs.
Meyers (Ft.Wayne,Ind)	3 SSE;rd S,E		24 S6	80,91 oct.Pwrline NE.
(P) Miami Univ.(Oxford,O)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
→ Mid City(Mich.City,Ind)	3 S	650	26 S4	80 oct.Wires N
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct.P-line S,W.
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct.Poles E,SW.
Midway (Goshen,Ind)	5 NW		36	Data unver.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct.Trees W.(Ohio)
Monticello(Chalmers)	3 ENE;RR W	650	19 S2	80 oct.Hwy W. (Ind)
Monroe (Newport,Mich)	3.5 SSE;lk SE	590	29 S4	80 oct.Trees NE,SE,SW
(P) Muncie (Ind)	3.5 N;RR SW	950	32h L4 S6	80,91 oct.Lgts on req.
National Avia.(Toledo, Ohio)	4.1 NNE; RR E	595	38 S6	91 oct.P-line S,W,NNE
New Westville (New Paris, Ohio)	2.8 S;RR S	1180	21 S1	80 oct.Poles E,NW,SE.
Niles-(Mich)	1.5 NE;RR NW	740	28 S2	80,91 oct.P-line NE,N
No.Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	No sto.Poles S. blkd.
Ockley (Ind)	1 W		23	P-lines N,W.Trees E.
PATTERSON Army Range (Fairfield)(Ohio)	379 (DPK) (137.88)	32°, 2.96	SBMRAZ-DTV	(4);137.88 Data unver
PATTERSON Tower	396 (126.18)+		CA(ILS-W) (GCA) :53.13	(4); 126.18
(A) Patterson (Fairfield) (A)	1.6 WSW	819	78h L6 S4	73,100 oct.JP-1.(Ohio)
Paul S.Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S4	80,91 oct.P-line NE,SW
Paulding Co.(Paulding, Ohio)	2.5 NE;RR W	720	26 S2	80 oct.Poles S.Data unv.
Peru (Ind)	3.5 WSW	650	24 S6	80 oct.S,SW blkd.Riv E
Piqua (Ohio)	4 WNW;RR S	1000	19 S2	80 oct.Poles S,SE,SW.
(P) Plymouth (Ind)	1.5 NW;RR E	898	20 S6	80,91 oct.N,SE apprch
Port Core (Rushsylvania, Ohio)	1.6 SSW; RR NW	1275	14	Poles NNE clear.
Port Koneta (Wapakoneta, Ohio)	2.5 NNE;RR E		26	80 oct. Data unver.
Port O'the Woods (Annapolis, Ind)	2.2 NNW creek N	560	33 S4	80 oct.Trees ENE,WSW
(P) Purdue Univ.(Lafayette, Ind)	2.5 W;RR N	605	35h L3 S6	80 oct.No sto.P-line N, stack NE
Reimer (Lafayette,Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver.
Richmond,com. (Ind)	4 WSW;hwy N	1075	38 L1 S6	80,91 oct.P-line N,E
(P) Richmond,mun.(Ind)	6 SSE;RR W	1139	55h L5 S1	80,91 oct.No flood lgts.
Rochester (Ind)	1.5 E;RR N	779	25 L S6	80,91 oct.Poles SE,NW,N.
Ruzicka (Kokomo,Ind)	2.5 S;hwy E	800	26 S6	80 oct. Pole E. NE blkd
St.Joseph Co.(Centerv'l)	5 SE;RR N	830	26	P-line N,NW blkd.(Mich)
Shaffer's (La Fontaine)	5 NE;hwys N,W		19 S4	80 oct.Data unver.(Ind)
Sidney (Ohio)	1 W;RR S		25 S2	80 oct. Data unver.
Skinner (Hicksv'l,Ohio)	1.6 NNW	810	26 S1	73 oct.Obsts sur fld RRS
Slager (Fremont,Ohio)	2 NW;RR SW	630	19 S6	73,80 oct.No sto.P-line
Smith (Ft.Wayne,Ind)	4.5 N;bet RRs	831	35h L4 S6	80,91 oct.Lgts N,E,SE. prior req.
Smith (Warsaw, Ind)	4 N	790	27 S2	80 oct.P-line NE,SSW
SOUTH BEND Range (Bendix) (Ind)	215 (SN) (116.1)	75°, 3.3	SBMRAZ-DTV	(3); 116.1
So.Dayton (Dayton,O)	5 SSW;RR W	750	32 S6	80 oct.No sto.Hills S.
Spink-Wawasee (Syracuse, Ind)	3.4 E	880	15 S1	80 oct. P-lines N,NE,S, SW.
→ Sportsman (Mishawaka)	3.7 NE;riv S	760	26 S6	80 oct.Appchs blkd exc. N,NW
Springfield (Ohio)	4.2 ESE: RR N	1050	27 L4	80 oct.No sto. (Ind.) Lgts prior req.
Stair (Mulberry,Ind)	0.3 NE;hwy S	650	16 S4	80 oct.No sto.P-line S
Starke Co.(Knox,Ind)	1.7 S		26 S3	80 oct.P- Data unv. lines sur fld.No sto
Steed (Portland,Ind)	1.5 NW	1030	20 S2	80 oct.Obsts N end NE/ SW strip. Data unver.
Stombaugh (Bryan,Ohio)	0.5 S		24 S4	80 oct.No sto.Fence E; wire W.Data unver.
TERRE HAUTE Range (Hulman) (Ind)	248 (TH) (116.1)	69°, 5.8	BMRLZ-DTV	(4); 116.1
Tiffin (Ohio)	1.9 N;RR W	750	26 S4	80 oct.Poles E.
TOLEDO Range (Ohio)	239 (TL) (116.1)	10°, 2.7	SBMRAZ-DTV	(3); 116.1
TOLEDO Tower (Ohio)	263		C	(4)
(P) Toledo (Ohio)	8.2 SSE	623	42h L5 S4	80,91,100 oct. RR W.
Treaty City (Greenv'l)	1.5 NNE	1060	20 S4	80 oct.P-line W.(Ohio)
Triangle (Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct. (Ind) Hwy W
Tri-Co.(New Holland)	3 ESE;RR N	850	21 S1	80 oct. (Ohio)
(P) Tri-State (Angola,Ind)	4.2 W;lk W	900	35 S4	80,91 oct.P-line SE,S,SW
→ Urschell (Valparaiso)	1.7 NNE;hwy E	766	26 S4	80 oct.P-line N.(Ind)
Waco-Troy (Troy,Ohio)	1.8 SW;RR E	870	30 S6	80 oct.No sto.All appchs
Van Wert (Ohio)	1 WSW;hwy S	785	26 S6	80,91 oct.Poles N,S,NW,NE. blkd.
Voss (Lewistown,Ohio)	5 WNW;hwy S		24 S2	80 oct.P-line S.Data unv
Wakefield (Huntington)	4 N;hwy E	750	30 S4	80 oct.P-lines SE,SW.(Ind)
Washington (Wash.C.H.)	4.5 ENE;RR S	910	22 S3	80 oct.P-line S.(Ohio)
West Side (Marion,Ind)	2.5 NW hwy S	835	26 S6	80, 91 oct.
Whittenberger (Wabash)	1.5 NNW	770	20 S2	80 oct. Hwy E. (Ind)
WRIGHT Tower (Ohio)	260 (126.1)		CA	3105,4495; 126.1
(A) Wright (Dayton, Ohio)	5 ENE;RR	800	72h L5	(A)

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mes, Compass Locators in ( ))

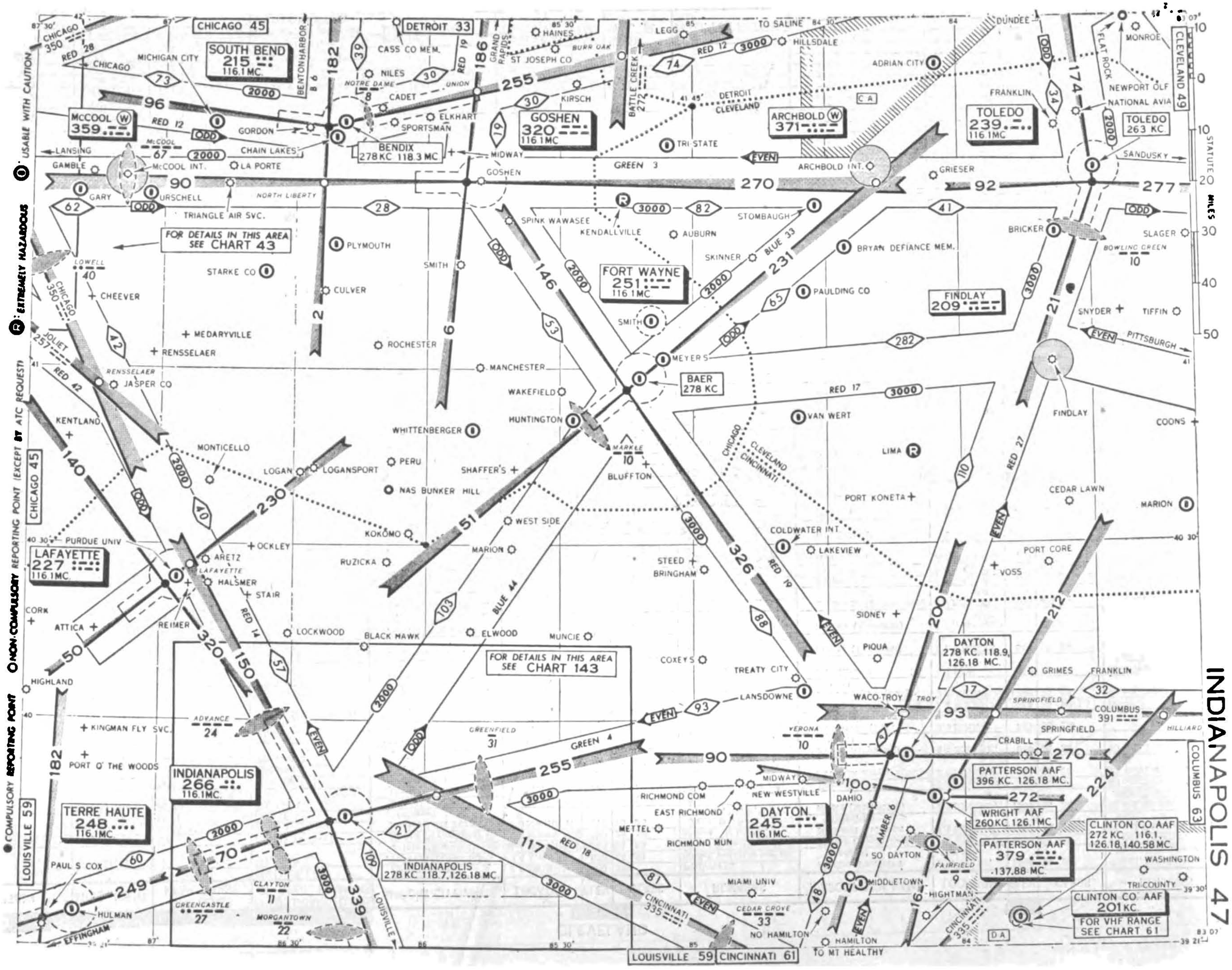
LOCATION	LC/LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-
					MMK-	OMK
DAYTON	110.3	335	55°	IM- ••••••(0.05)	MM-	OM- ——(4.3)
					MMK-	OMK
INDIANAPOLIS(I.S)	109.9	333.8	44°	IM-	MM- •—•—(0.89)	OM- ——(4.3)
					MMK- 201 —••	OMK- 219 ••
PATTERSON (A)	108.7	333.8	210°	IM- (0.09)	MM- •••••(1.12)	OM- ——(4.5)
					MMK-	OMK

NEW FACILITIES

→ Mishawaka (Ind.)	2SE	700	35 S4	80,91 oct.NNE/SSW.	
→ East Side(Elkhart,Ind)	2.5 E;RR N	750	28 S1	80 oct.	NNW/SSE blkd
→ Kentfield (Ind.)	2.4 SSE;RR W	805	22 S4	80 oct.Poles N,NE,SW,W	
→ Starke Co.(Knox,Ind.)	0.9 S,hwy E	714	29 S6	80 oct.P-lines NE,SE,SW,NW	
→ Custer (Monroe,Ind.)	2.5 WNW	612	40 L1 S2	80 oct.Trees N,S,W.	
→ Branch Co.(Coldwater, Mich)	2.7 WSW;RR S	990	31 S4	80 oct High lines sur fld	unver
→ Warsaw (Ind.)	3 NNE		30 S1	80 oct.Wires S,N,NE Data	
→ Miller(Liberty Center, Ind.)	1 NE	800		80 oct.Wires E Data unver	
→ Stewart Fld(Danville, Ind.)	1.5 E	750		80 oct.Wires N,S Data unver	

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) → New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


INDIANAPOLIS 47
CHICAGO 45
DETROIT 33
CLEVELAND 49
LOUISVILLE 59
CINCINNATI 61
COLUMBUS 63
SOUTH BEND 215 116.1MC
McCOOL 359
GOSHEN 320 116.1MC
BENDIX 278KC 118.3MC
ARCHBOLD 371
TOLEDO 239 116.1MC
TOLEDO 263 KC
FORT WAYNE 251 116.1MC
FINDLAY 209
BAER 278 KC
LAFAYETTE 227 116.1MC
INDIANAPOLIS 266 116.1MC
TERRE HAUTE 248 116.1MC
INDIANAPOLIS 278 KC 118.7,126.18 MC
DAYTON 278 KC 118.9, 126.18 MC.
DAYTON 245 116.1MC
PATTERSON AAF 396 KC. 126.18 MC.
PATTERSON AAF 379 137.88 MC.
WRIGHT AAF 260 KC 126.1 MC.
CLINTON CO AAF 272 KC 116.1, 126.18,140.58 MC
CLINTON CO. AAF 201 KC
FOR VHF RANGE SEE CHART 61
FOR DETAILS IN THIS AREA SEE CHART 43
FOR DETAILS IN THIS AREA SEE CHART 143
CHICAGO
MICHIGAN CITY
SOUTH BEND
NILES
CASS CO MEM.
HAINES
ST JOSEPH CO
BURR OAK
LEGG
TO SALINE
HILLSDALE
DUNDEE
ADRIAN CITY
FRANKLIN
MONROE
FLAT ROCK
NEWPORT OLF
NATIONAL AVIA
DETROIT
CLEVELAND
BATTLE CREEK
NOTRE DAME
CADET
UNION
ELKHART
SPORTSMAN
KIRSCH
GORDON
CHAIN LAKES
LANSING
GAMBLE
McCOOL INT.
LA PORTE
MIDWAY
TRI-STATE
GOSHEN
GREEN 3
ARCHBOLD INT.
GRIESER
SANDUSKY
GARY
URSCHELL
NORTH LIBERTY
TRIANGLE AIR SVC.
PLYMOUTH
STARKE CO
SMITH
CULVER
SPINK WAWASEE
KENDALLVILLE
AUBURN
STOMBAUGH
BRYAN DEFIANCE MEM.
BRICKER
SLAGER
BOWLING GREEN
LOWELL
CHEEVER
ROCHESTER
MEDARYVILLE
RENSSELAER
JASPER CO
MANCHESTER
WAKEFIELD
HUNTINGTON
MEYERS
SKINNER
BLUE 33
PAULDING CO
SNYDER
TIFFIN
PITTSBURGH
KENTLAND
MONTICELLO
LOGAN
LOGANSPORT
PERU
NAS BUNKER HILL
WHITTENBERGER
SHAFFER'S
MARKLE
BLUFFTON
VAN WERT
LIMA
FINDLAY
COONS
CHICAGO CLEVELAND CINCINNATI
PORT KONETA
CEDAR LAWN
MARION
COLDWATER INT
LAKEVIEW
PORT CORE
VOSS
PURDUE UNIV
OCKLEY
ARETZ
LAFAYETTE
HALSMER
STAIR
KOKOMO
WEST SIDE
MARION
RUZICKA
STEED
BRINGHAM
SIDNEY
PIQUA
CORK
ATTICA
REIMER
LOCKWOOD
BLACK HAWK
ELWOOD
MUNCIE
COXEYS
TREATY CITY
LANSDOWNE
WACO-TROY
TROY
SPRINGFIELD
COLUMBUS 391
GRIMES
FRANKLIN
HILLIARD
CRABILL
SPRINGFIELD
HIGHLAND
KINGMAN FLY SVC.
ADVANCE
GREENFIELD
VERONA
PORT O' THE WOODS
RICHMOND COM
EAST RICHMOND
METTEL
RICHMOND MUN
NEW WESTVILLE
MIDWAY
DAHIO
SO DAYTON
FAIRFIELD
MIDDLETOWN
HIGHTMAN
WASHINGTON
TRI-COUNTY
PAUL S COX
HULMAN
EFFINGHAM
GREENCASTLE
CLAYTON
MORGANTOWN
MIAMI UNIV
CEDAR GROVE
NO HAMILTON
HAMILTON
TO MT HEALTHY
CINCINNATI
LOUISVILLE
AMBER 6
GREEN 4
RED 18
RED 19
RED 17
RED 27
RED 14
RED 12
RED 28
RED 42
BLUE 44
CHICAGO 350
JOLIET 257
CLEVELAND CINCINNATI
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
STATUTE MILES

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
BISHOP (Flint)	278	C	(4);118.3,122.5
DETROIT CITY (Detroit)	278(118.5)	C	(4);122.5
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
➔ DETROIT	201 (D)	MHW;329°,2.2	(Cont.) Detroit
FLINT	335(FN)(116.1)	MHTV	(3);116.1
ROMULUS	230(DT)(116.1)	SBRAZ-DTV;86°, 2.8	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ;119°,2.0	(3); 126.18
Selfridge Field	396 (126.18) +	CA(ILS-W)	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
➔ YPSILANTI (Willow Run)			DECOMMISSIONED
Willow Run Arpt.	332 (118.7)	C(ILS-W)	(4); 118.7

OHIO

AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272(118.9)	C; 45°, 0.4	(4);122.5,118.9
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 201°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(3); 116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (IF)	BMHT	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
➔ HOMERVILLE FM			DECOMMISSIONED
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	230(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. . - - -)	FM; 280°, 26	Cleveland

CANADA

WINDSOR, ONT.	353(OG)	SBRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM- (0.23)	MM- ····· (0.83)	OM- -·- (4.31)
					MMK-	OMK-
WILLOW RUN			50°	IM-	MM-	OM-
					MMK 341 - (0.65)	OMK 356 ·-·- (5.80)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW, blkd
Ann Arbor	4 S	835	28 L5 S6	80 oct. NE blkd. SW
Baker's (Port Huron)	3 NNW;RR NNE	585	27 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	32 S2	80, 91 oct. N blkd.
Big Beaver	0.8 E;hwy W	650	21 S6	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct. P-line N
Burns (Detroit)	8.5 WSW;RR N	625	15 S6	80 oct. SW blkd.
Caro	3 WSW;RR SE	741	22 S2	80 oct. S,SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line N
Croswell City	1 W;RR, riv E	732	26 S1	80 oct. S blocked.
Dalton (Flushing)	2 ESE;riv W		26 S4	80 oct. Data unver.
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. P-line E.
DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	80,91 oct. Fee, com acft ARPT OF ENTRY.
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct. Poleline sur fld.
Gridley (Ypsilanti)	4.4 WSW;RR NW	640	24 S5	80 oct. Pole E;woods N.
Hance (Wyandotte)	2.5 W;hwy N,E	590	28 S6	80 oct. N blckd.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. P-line E, trees ENE, W, WSW, WNW
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct. Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	760	27 S6	80 oct. Obsts sur fld.
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct. Poles NW; bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct. Poles N,W.
Milan	3.8 SW;RR SE	705	23 S2	80 oct. Poleline N
Monroe (Newport)	3.5 SSE;lk SE	590	29 S4	80 oct. Trees NE,SE, SW.
Nan-Bar (Flat Rock)	0.7 ENE;RR N	590	28 S6	80 oct. Smudge pots prior req. Data unver.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	635	29 S4	80 oct. Poles NE,NW.
(N) Newport OLF (N)	3 W, hwy E	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct.
(NG) Romulus	See Wayne Co. under "New Airports" - name changed.			
Roseville	0.5 S;hwy W	610	31 S6	80 oct. SE,SW blocked
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct. Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct. Poles NE,SE,SW,NW. Lgts on req.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. N,NE blocked.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct. JP-1. Poles E. FOREIGN CLEAR STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	664	25h	P-line NNE. PRIV.
Tecumseh	1.8 NNE;riv SW	815	26 S6	80 oct. P-line S, W blkd
Thomas B. Joy (Detroit)	See Joy under "New Airports" - name changed.			
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct. 30' poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct. Pole line N.
Washtenaw (Ann Arbor)	5 W	867	26 S2	80 oct. Hi-line S. Data unver.
West's (Clio)	4 SW;rd E	690	21 S2	80 oct.
(P) Willow Run (Ypsilanti)	4 E;RR N; riv S	715	74h R2 L5 S1	90,100 oct. Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	23 S1	73 oct. N,NE blocked.

OHIO

(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct. No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80, 91 oct. Poleline W
(P) Bricker (Bowling ➔ Green)	1 NE;RR W	675	30 S4	80 oct. E blocked
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct. Data unver.
➔ Fenwick (Kellys Island) (NC)	1.3 NE;bay N	600	15	W blkd, trees S. Rough.
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct Pole line all sides.
Gage (Mansfield)	4.5 W;RR SE	1360	13 S2	73 oct.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy S	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	80 oct. P-line SE,S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto. Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct. Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE	1080	30 L S6	80 oct. Pole line sur fld.
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto. Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct. Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct. No sto. Poles SSW. Const. E, W rnwy
➔ Norwalk	0.8 NE;RR W	700	25 S4	80 oct. Poles W,SW.
Norwalk Airpark (NC)	2 NNE;RR W	690	29 S2	73,80,91 oct. Poles W, SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	29 S1	80 oct. Poles E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int, 4B, CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus (Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct. Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV. ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto. Pole line N,E,SE.
Snyder (Fostoria)	1 E;reservoir SSW		32 S1	80 oct. Data unver.
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct. No sto. Poles sur fld.
Tiffin	1.5 N;RR W	750	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	623	42h R2 L5 S4	80,91,100 oct.
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE. Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct. Pole line W. Rnwy data unver.
Willard	1.6 SSW;RR NE	960	22 S2	80 oct. Poles W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.

NEW AIRPORTS

➔ Akron-Canton, (Ohio)	See Akron-Canton Arpt-Co. Fld under "New Arpts"			
(NG) Wayne Co. (Detroit, Mich) (NG)	16 SW;RR N	630	61h R1 S3	100 oct. I-ech maint NG ARPT OF ENTRY.
Lodi (Ohio)	2.2 NE;hwy E	1135	25 S4	80 oct. Poles W, bldg NE
Joy (Detroit, Mich)	13 NE;RR W	616	24 S6	80 oct. Trees SW.
Akron-Canton Arpt - ➔ County Fld (Canton, Ohio)	8.5 NNW;RR W	1247	56h L5 S2	80,91 oct. No ben, flood lgts.

B-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NG-(not charted). ➔ NEW OR REVISED DATA

CLEVELAND 49

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ EXTREMELY HAZARDOUS
Ⓞ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RED AND GREEN LEGS IDENTIFY 'N' QUADRANTS.

DETROIT AREA

DETROIT 33
SAGINAW 212
FLINT 335 (116.1) On request
BISHOP 278 (118.3)
DETROIT 33
SELFRIDGE AAF 388
SELFRIDGE AAF 396 (126.18)
ROMULUS 230 (116.1)
HOWELL 48
WIXOM 20
WILLOW RUN 332 (118.7)
NAS. DETROIT 269 (142.74)
TOLEDO 263
TOLEDO 239 (116.1)
FINDLAY 209
DAYTON 245
COLUMBUS 63
COLUMBUS 391
HAYESVILLE 329
WINDSOR 353
DETROIT CITY 278
DETROIT 201
FOR DETAILS IN CLEVELAND AREA SEE CHART 141
CLEVELAND 344 (116.1)
PERRY 332 (116.1) On request
ROMULUS 230 (116.1)
AKRON 272 (118.9)
AKRON 362 (116.1)

JAMES CLEMENTS, SKYHAVEN, SAGINAW, CARO, CROSWELL CITY, MICH. 3 D.A., FORREST, DALTON, WEST'S, LAPEER, SEELY'S, BAKER'S, ST CLAIR CO. MUN., ALLEN'S, CENTER, OXFORD, PONTIAC, HIGHLAND, WASHTENAW, ANN ARBOR, GRIDLEY, McENNAN, SALINE, EGORSE, FLAT ROCK, NAN-BAR, MILAN, DUNDEE, TECUMSEH, MONROE, NEWPORT OLF, NATIONAL AVIATION, MICH. OHIO, FRANKLIN, DETROIT CLEVELAND, OHIO 6 D.A., PUT-IN-BAY, PENINSULA, SANDUSKY, VERMILION, ELYRIA, AVON LAKE, BRECKSVILLE, BOWLING GREEN, BRICKER, SLAGER, HINDE, NORWALK, PARKS, SNYDER, TIFFIN, FINDLAY, WILLARD, MANSFIELD, GAGE, PORT BUCYRUS, GALION, ASHLAND, WOOSTER, MEDINA PRICHARD, WESTFIELD, LING, AKRON-CANTON, NOBLE, MARTIN, McKINLEY, CLEVELAND, PITTSBURGH, KENT STATE, AKRON, MILLER, TAYLORCRAFT, PARKMAN, NORTH ROYALTON, HANCE, WAYNE CO., STINSON, KRIST-PORT, BERZ, WARREN, BIG BEAVER, McKINLEY, THOMAS B. JOY, ROSEVILLE, METTETAL, TRIANGLE, BURNS, NATIONAL FLY. SVC, HARTSELL AIR TERM, FORD, CHATHAM, CLEAR CREEK, PERRY, HAYESVILLE, TO NEWARK, TO PITTSBURGH, TO WELLSBURG, TO YOUNGSTOWN, TO LANSING, TO BURR OAK, TO FORT WAYNE, TO TROY, TO ARCHBOLD, TO ERIE

SCALE OF MILES 5 0 5 10

CAN. OHIO

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
➸ Albert (Wallaceton, Pa)	3 ENE;rd N	1750	30 S6	80,91 oct.P-lines sur fld.
Angola (N.Y.)	1.4 N;RR SE	610	15 S1	80 oct.
Arcade (N.Y.)	2 N;RR E,W	1740	22 S4	Ltd 80 oct. No sto.
Ashtabula (Ohio)	3.1 W;lake N	621	17 S2	80 oct.
Audubon (Getzville, N.Y.)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia (N.Y.)	2.4 NNE;rd W	910	30 S6	80 oct.P-line W Trees E.
Becker (Brockton, N.Y.)	0.7 S;RR S	320	15	
Bernard (Youngstown, Ohio)	3.4 E;lake NE	1140	28 S6	73,80 oct.P-line N,S,W.
➸ Bird (Youngstown, Ohio)	2.6 NE;RR W	1000	23 S4	80,91 oct. P-line W, N.E.
Braebreeze (Marchand, Pa)	0.3 N;RR NW	1600	18 S2	80 oct. Trees N,NE.
➸ Brockway (Pa)	1.3 NE	1700	18 S2	80 oct.Trees SE,NW
➸ Brokenstraw (Youngsville,Pa)	2.6 W,RR S	1230	19 S6	80 oct.P-line NE,SW,WSW
BROOKVILLE H Fac. (Pa)	391 (BR)		MHW	
* Brookville Int,45A,CG-LG (Pa)	2 WSW;RR E	1416	30 L3	Trees E,W,SW.
➸ Buffalo Arpk (Gardenville,N.Y.)	1.5 ENE;rd S	680	27 S6	80 oct.
BUFFALO Range (N.Y.)	260(BJ)(116.1)	230°, 0.9	SBRAZ-DTXV	(3); 116.1
BUFFALO Tower (N.Y.)	278 (126.18, 118.5)		AC	(4); 126.18,122.5,118.5
(A) [Buffalo] (N.Y.)	6.1 ENE;RR NE	711	56h L6 S6	80-100 oct.;100 oct.Army. ARPT OF ENTRY.
Butler-Alameda (Butler, Pa)	3.4 WNW	1340	24 S6	80 oct. P-line E.
CLEAR CREEK Range (Ontario,Can)	248 (QO)		BRAZ-T	(4)
Clearfield (Pa)	1.5 WSW;RR SE	1220	20 S1	80 oct. P-line NE.
Conneaut (Ohio)	See Lakeville			
➸ Conneaut Lake (Pa)	1.7 WSW;hwy SE	1250	19 S3	80,91 oct.P-line SE end.
Conway (Pa)	0.7 N	950	24 S4	80 oct.Hill N.Rnwy data
Country Club (Clarence,N.Y.)	2.3 E;RR S	800	36 L S6	80 oct. Trees SW. unver. Port lgts on req.
County (No.Tonawanda,N.Y.)	3.4 E;RR SW	577	21 S4	80 oct
DUNKIRK H Fac. (N.Y.)	239 (DK)		MHW	
(P) Dunkirk (N.Y.)	3 E;RR N,S	692	40h L5 S6	80, 91 oct
➸ Dubois (Pa)	1.7 ESE;RR NE	1575	30 S6	80, 91 oct P-line W.
ERIE Range (Port Erie) (Pa)	371(ER)(116.1)	64°, 2.0	SBMRAZ-DTV	(4); 116.1
➸ Erie City (Kearsarge, Pa)	0.5 W;hwy E	900	29 L S6	80,91 oct.Port rnwy lgts. P-line SE.
➸ Erie County (Erie, Pa)	11.6 SW;hwy N	805	24 S6	80 oct.P-line SSE,NW.
Falconer (N.Y.)	1.3 NNE;RR S	1250	22 S4	80 oct Obsts sur fld.
Fredonia (N.Y.)	3.5 W;RR SE		27 S2	80 oct P-line N,E.
Gowanda (N.Y.)	1.4 NNW;crk W	760	22 S6	80 oct. No sto.
Graf (Lockport, N.Y.)	2.8 N;RR S	380	15 S6	80 oct.
Green (Ridgeway, Pa)	3 NW;hwy 1 E	1720	21 S1	80 oct.
➸ Greenville (Pa)	3 W; RR E	1180	17 S2	80 oct. P-line S,SW.
Grove City (Pa)	2.1 SSE;RR E	1275	19 S4	80 oct.
Hall (Warren, Ohio)	3.5 ENE;RR NW	900	26 S2	73,80 oct.Poles E.
Hamburg Arpk(N.Y.)	2 NNW;RR,hwy W	722	23 S2	80 oct. P-line NE.
Harri-Emery (Bradford,Pa)	2.3 WSW;hwy N	1490	26 S1	80 oct.
Hayes (Blasdell, N.Y.)	0.7 SSE;RR,E,W	723	20 S4	80 oct. No sto.
Jamestown (N.Y.)	4.1 N;hwy E	1719	27h S6	80 oct. Trees S.
Keystone Park (Emporium,Pa)	0.5 SW	1210	15	P-line SW,NE.
➸ Kylertown (Pa)	1 WNW	1660	40 S6	80 oct. Trees N,WNW.
Lakeview (Burt, N.Y.)	2.2 W;RR S	300	13	
Lake View (N.Y.)	1.5 E;hwy W	750	19 S2	80 oct.
Lakeville (Conneaut, Ohio)	2 ESE;hwy S	670	18 S1	80 oct.
Lee (Lockport, N.Y.)	1.8 SSE;hwy N	640	18h S2	80 oct. P-line N.
(P) McKean Co. (Bradford, Pa)	11 S;RR SW	2140	45h S1	80 oct.
Medina (N.Y.)	2 W;RR S	500	21 S1	80 oct. Obsts sur fld.
Mercer (Pa)	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
➸ Merry's Pymatuning(Linesv'l,Pa)	1.5 NW;RR E	1200	21 S2	80 oct.P-line NNE.
MILBROOK Range (Pa)	109.1 (MC)		VARW	
Mount Jewett (Pa)	0.8 ESE;hwy N	2240	19 S2	80,91 oct.Trees NE,W.
NIAGARA FALLS Tower (N.Y.)	272 (126.18)		CI	(4); 126.18,122.5(8-20)
(P) Niagara Falls (N.Y.)	4 E;RR N	587	55h L5 S4	80-100 oct.IP-1.No sto.
New Castle (Pa)	4 WNW;hwy SE	1080	29h S5	80 oct.
Olean (N.Y.)	1.8 SE;RR N	1440	22 S6	80 oct.Trees W,N;hill S
Orchard Park (N.Y.)	2.2 N;hwys W	775	20 S3	80 oct.
Osceola Mills (Pa)	0.5 NE;hwy N	1640	26 S2	80 oct. P-line E.
Palmer (Olcott, N.Y.)	1.2 SSW;RR S	315	17 S2	73 oct. P-line E.
➸ Parker Cramer (Clarion, Pa)	1 ENE;riv N	1480	28 S6	80,91 oct. Trees N,E,S.
Patterson (Beaver Falls,Pa)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville, Pa)	3 SSW;hwy E	1365	20 S2	73 oct.
Pembroke Arpk(E.Pembroke,N.Y)	2.5 W;hwy S	900	17 S2	80 oct. Trees SW,W.
➸ Penn-Mead (Meadvi lle, Pa)	4 SW;hwy E	1365	20 S3	80 oct. Trees N,E,S,W.
Perry Central (N.Y.)	1.7 NNW;lk SSW	1400	23	P-line,trees N,E.
Perry (Mars, Pa)	5 E;hwy E	1060	16 S6	80 oct.No sto.P-line E.
PHILLIPSBURG Range (Pa)	224(MJ)(116.1)	169°,5.0	SBRAZ-DTV	(4); 116.1(Black Moshannon)
PHILIPSBURG Range (Pa)	108.7 (MJ)		VARW	
➸ Philipsburg,51A,CG-LG (Pa)	See Black Moshannon,51A,CG-LG under "New Facilities"-name changed			
➸ Pittsburgh-Butler (Butler, Pa)	6.2 SSW;hwy E	1235	49 L1 S6	80 oct. Flood lgts on req
➸ [Port Erie] (Erie, Pa)	6 WSW;RR SE	735	45h L6 S6	80,91 oct P-line E,S
➸ Port Lawrence (Corry, Pa)	1.2 S;RR N	1745	23 S2	80 oct.Trees SE,W,NW.
Port Meadville (Meadville,Pa)	3.4 W;hwy S	1400	32h L4 S6	80,91 oct.Flood lgts on req.
Port Warren (Warren, Ohio)	1.5 N;RR W		24 S1	80 oct. Data unver. Trees NE
Punxsutawney (Pa)	3 NE;hwy S	1470	22 S2	Ltd 80 oct.P-line ESE,S.
Ripley (N.Y.)	1.4 WNW;lake N	650	22 S4	80 oct. No sto.
St. Mary's (Pa)	3.2 ESE;RR W	1900	21	
Salamanca (N.Y.)	1.6 W;RR, N,S	1370	12 S6	80 oct.
Scott (Lancaster, N.Y.)	1.5 E;RR N,S	680	22 S1	80 oct.P-line SW.Rnwy data
Shawnee (North Tonawanda,N.Y)	4.5 NNE;riv SE	580	33 S6	80 oct.P-line E,W. unver.
Sheridan (Williamsville, N.Y.)	2.5 NE;hwy SE	640	38 S6	80 oct. No sto.
Silver Creek (N.Y.) (NC)	1 WSW;hwy SE	720	11	Trees E,NW.
Silver Springs (N.Y.)	0.5 E;lake NE	1420	15 S1	80 oct.
➸ Sky Harbor (Williamsfield,Ohio)	1 S;hwy E			ABANDONED.
➸ Splane Memorial (Oil City, Pa)	4.1 NNW;hwy E	1490	22h S6	80,91 oct. Trees N,E,S
Springville (N.Y.)	1.5 NE;RR W	1395	26 S4	80 oct.P-line N,E.Rnwy data unver.
Steffen (E. Amherst, N.Y.)	3.5 N	582	22 S6	80 oct. Obsts sur fld.
Swaney (E.Liverpool, Ohio)	4.9 NW;crk SE	1170	22 S2	80 oct.
Titusville (Pa)	3.7 WSW	1600	23 S6	80 oct.Pwr line E,NE.
Tonawanda (N.Y.)	3 SSW;RR E	610	30h S4	80 oct.Rough.Obsts sur fld.
TORONTO Range (Ontario,Canada)	368 (YZ)	17°, 4.0	SBRAZ-TX	3105,6210,3117.5
Transit (Depew, N.Y.)	2 SSW;RR N	670	13 S2	80 oct.Trees,bldg E.
➸ Tyndall (Warren, Ohio)	6 NNW;RR E	940	28 L1 S4	80 oct. N,S,W blkd.
➸ Utahville (Pa)	1 N;RR S	1800	22 S6	80 oct. Ltd 91 oct.
➸ Warren (Pa)	2 WSW;RR N	1100	23h S6	80 oct. P-line WNW.
➸ Warren Airways (Ohio)	2.3 WNW;hwy N	900	25 S4	80 oct.Trees S,WNW.
Watson (Youngstown, Ohio)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
Werle (Dunkirk, N.Y.)	1.8 ENE;RR N,S	640	22 S1	80 oct.Poles,trees sur fld.
Westfield (N.Y.)(NC)	1.5 WSW;hwy N	758	18 S1	S blocked.
Wilson Flying Field (N.Y.)	2.5 SSW;RR NW	310	18	ESE blocked.
YOUNGSTOWN Range (Ohio)	212(CT)(116.1)	185°,3.4	BMRLZ-DTV	(3); 116.1
YOUNGSTOWN Tower (Ohio)	278		C	(4)
[Youngstown] (Ohio)	11 N;hwy E	1178	39h L5 S6	80,91 oct.100 oct.on req

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

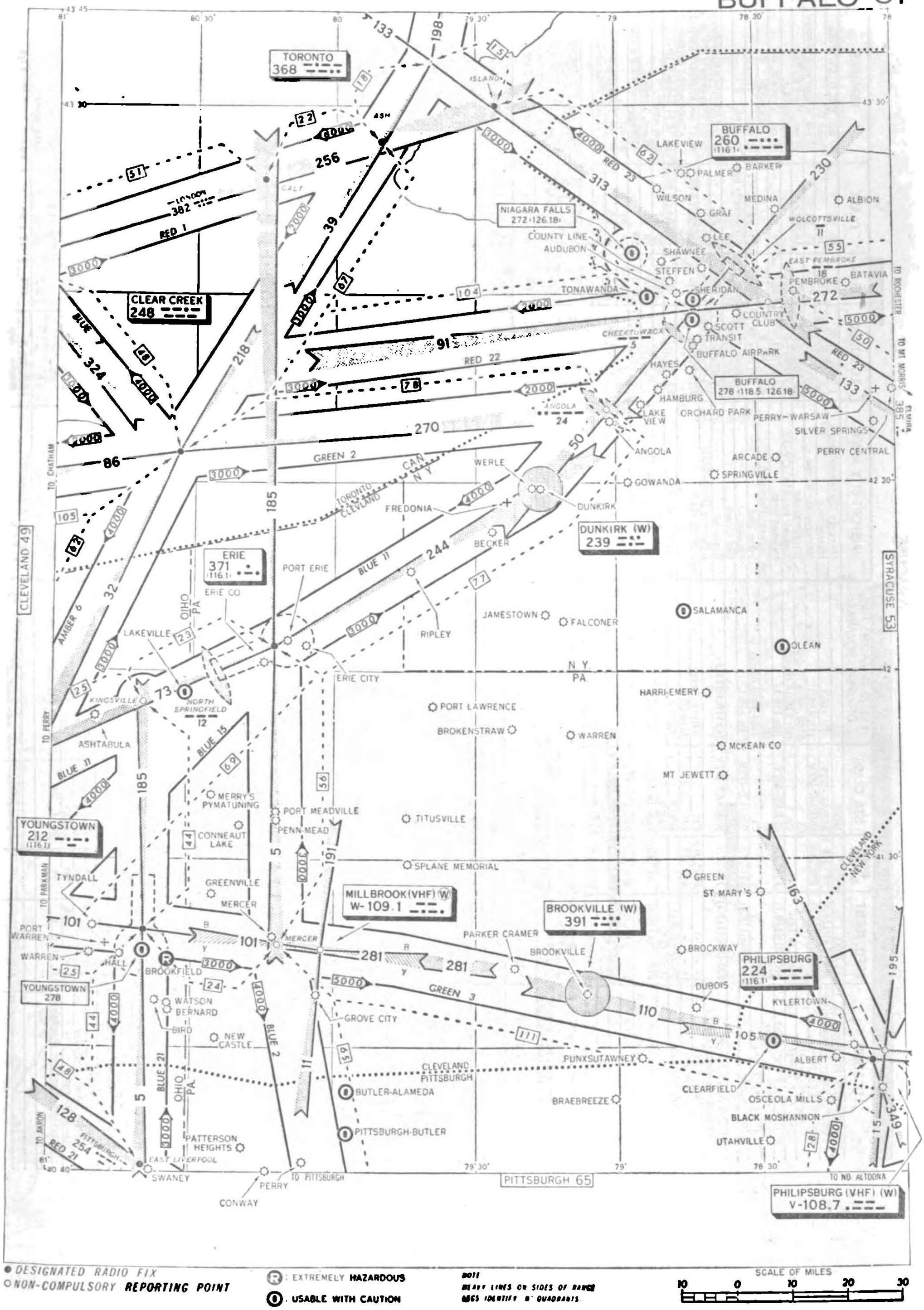
NEW FACILITIES

Perry Flying Svc.(N.Y.)(NC)	3.3 W;RR 3W	1640	21	P-line NNE. Reported ABANDONED.
Perry-Warsaw (Perry,N.Y.)	3 WNW;hwy N		15 S2	80 oct.
Brookfield (Ohio)	0.8 W;RR W	1130	20	Poles N, E
➸ Black Moshannon,51A,CG-LG	7 E;hwy N	1940	30h L3	(Philipsburg,Pa)

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
➸ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

BUFFALO 51



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ : EXTREMELY HAZARDOUS
Ⓤ : USABLE WITH CAUTION

NOTE
HEAVY LINES ON SIDES OF RANGE
MEGS IDENTIFY 'B' QUADRANTS

SCALE OF MILES
10 0 10 20 30

SYRACUSE

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
DANSVILLE MH Fac.	212 (DA)		MHW	
ELMIRA Range (Chemung Co.)	385 (EA)(116.1)	75°,1.8	SBRAZ-DTV	(4); 116.1
ROCHESTER Range	206 (RC)(116.1)	298°,2.2	BMRLZ-DTV	(4); 116.1
Rochester Tower	278		CI	3105, 4495 (8-24)
ROME AAF Tower	396 (126.18)+		CA	(4); 126.18 (8-22)
SYRACUSE Range (Mun.)	350 (SR)(116.1)	178°,2.2	SBRAZ-DTV	(3); 116.1
Syracuse Mun. Tower	278		C	(4)
TRI-CITIES Tower	278		CI	3105,6210 (days)
UTICA Range	359 (UA)(116.1)	151°,3.0	BMRLZ-DTV	(4); 116.1
		PENNSYLVANIA		
ALLENTOWN Range (Allentown-Bethlehem)	320 (XA)(116.1)	192°,2.7	SBMRAZ-DTV	(4);116.1,122.1
LAKE CAREY FM	(- - - -)	360°,20.8	FM	Wilkes-Barre
SLATINGTON FM	(- - - -)	290°,12	FM	Allentown
SUNBURY MH Fac.	353(SV)(116.1)		MHTV	(4);116.1
SUNBURY Range	108.3 (SV)		VARW	
WILKES-BARRE Range (Wilkes-Barre-Scranton)	272 (WI)(116.1)	91°,4.0	SBMRAZ-DTV	(4); 116.1
WILLIAMSPORT Range	375(IA)(116.1)	281°,7.0	BMRLZ-DTV	(4); 116.1
	NEW RADIO FACILITIES			
WATERTOWN(N.Y)	109.1(WB)		VARW	
ALLENTOWN Range (Pa)	109.1(XA)	178°,5.7	VARW	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Martins Creek (Belvidere)	3 SSW;riv SE	340	25 S6	80,91 oct.Pole line N.
		NEW YORK		
Angelica	1.5 WSW;RR N		18 S1	80 oct. Data unver.
Auburn	3.7 NNW;lake E	525	24 S4	80 oct.Poles,trees sur fld
Bath-H'sport	2 SSW;hwy SE	725	18 S1	80 oct.Hill 0.6 E.Data unver.
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct. Trees N.
Bonnie Brae (Owasco) (NC)	1.7 SW;RR W	960	17	Cattle on fld.
Boonville	4.5 ESE;riv NE	1273	29 S1	80 oct. Obsts sur fld.
Drizee (Pittsford)	2 E; RR N	422	25 S4	80 oct. Pole line S, NW.
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage	1 E; RR NW	740	20 S1	80 oct. Hi-line W.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct. Pole line E.
(P) CHEMUNG CO. (Elmira)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate University (Hamilton)	5.4 N; RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct. Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30 S6	80 oct. Wooded ridge E.
Costa's (Painted Post)	2.7 NW	960	16 S1	80 oct. Trees W, NW.
Crowner (Wellsville)	1 W; RR E	1506	22 S2	80 oct. Obsts sur fld.
(P) Dansville	1 NW; RR NE	662	40h L3 S6	80 oct. Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct. Trees S,W.
Elmira	2 SSW;RR E	890	16	Trees adj NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy N	980	14	Trees WSW.
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct.No sto.Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct.Brush WNW.Rnwy data
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW. unver.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct. 3' fence E,S,SE.
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct. Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W	525	27 S6	80 oct. Trees E.
➔ Ithaca	1.3 NW;inlet E	386	25h L1 S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct. Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct. Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct.Pole line NE.
Martin (Montour Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct. Pole line S.
Meacham-Genesee (Rochester)	6 S; RR N	564	22 L S6	80 oct. Floodlgts in emerg.

NEW YORK

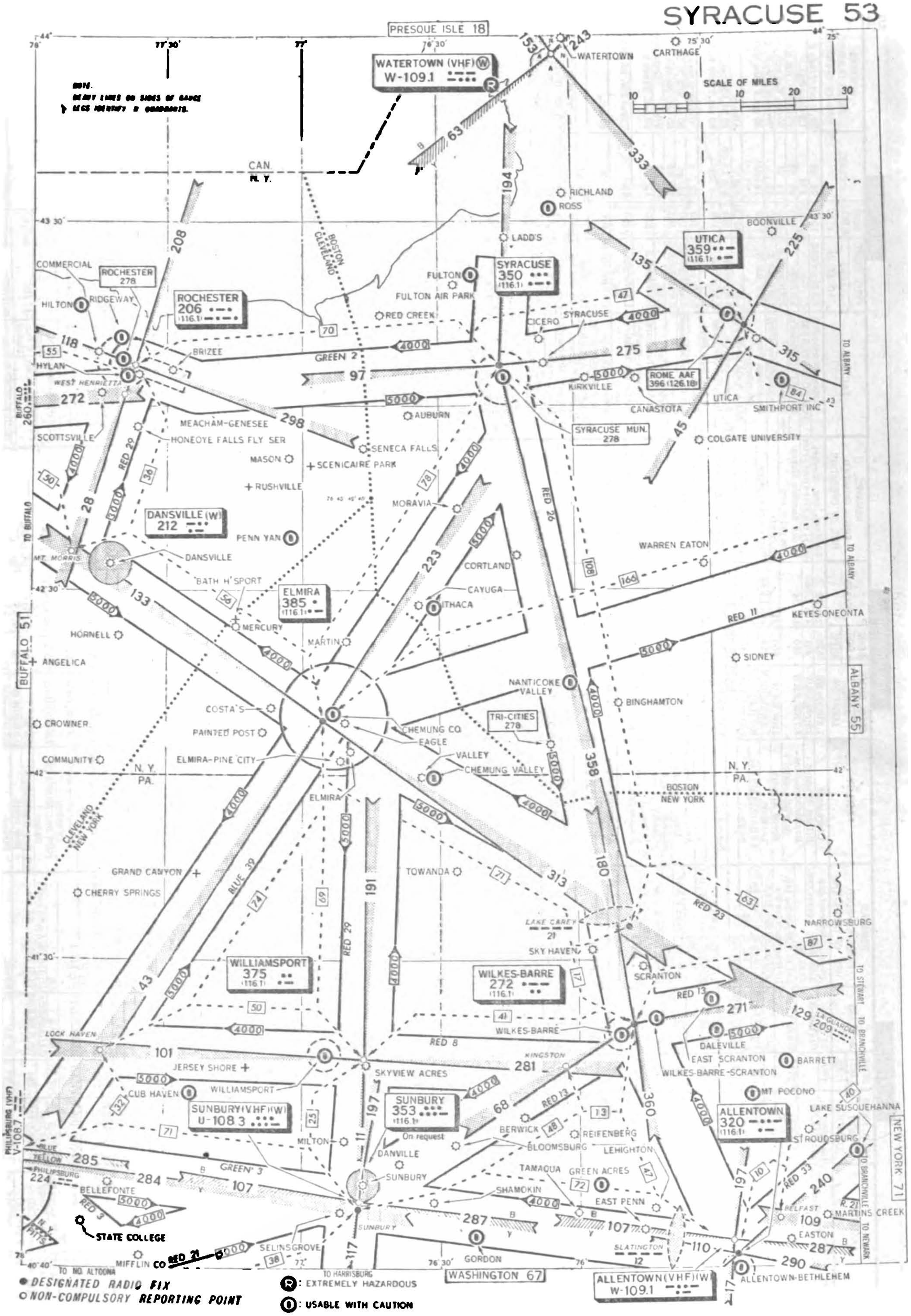
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct. Hill W. CLOSED
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
Moravia Air Haven	1 NW; RR E	730	20 S1	80 oct. S approach blocked.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct. Mtns N, NE.
* Newark Int. 27A, CV-AZ	1.3 NNW;rd N,E			ABANDONED
Painted Post	4.4 SW;RR W	950	19 S2	80 oct. Trees E, W.
➔ Parker (Palmyra)	2.8 S; RR N			ABANDONED.
Penn Yan	1.1 S; lake W	850	20 S2	80 oct.
Pulaski	See Ross Arpk. under "New Airports"- name changed.			
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct.
Richland	0.6 NE;RR SW	560	21 S4	80 oct.Hi-line S.No Sto.When wet
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct.Pole lines W,NW,SE Ctn.
(N) ROCHESTER	3.7SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OF ENTRY NATS(Hospital flights)
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct. JP-1.
Rushville	2.5 NNE	1120	20 S1	Data unver.
Schoharie Co.(Richmondville)	1.3 NE;RR N	1000	16 S1	80 oct, Trees E.
Scottsville	1 N; RR W	600	10	Allway area: 1000 x 1000'.
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct. Pole line S.
Smithport Inc. (Utica)	3.5 SSE	1150	20h S1	80, 91 oct. Data unver.
(P) Syracuse	3.5 NNE;hwy W	419	55h	
SYRACUSE MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct. Rdo rec rqrd.
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80 oct.Twr W;hill N;trees E
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct. Wooded ridge E.
(P) Watertown	5.9 WNW;hwy N	325	50h L5 S4	80,91 oct. ARPT OF ENTRY

PENNSYLVANIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only. Fld lgts on req.req.
Barrett (Canadensis)	1.8 N;hwy SW	1450	18 S2	No fuel. Trees E.
➔ Bellefonte	4.3 ESE;hwy N	1045	21 L3 S6	80, 91 oct.
Bloomsburg	0.8 ESE;riv S	478	32 L5 S6	80,91 oct.Pole lines SW,E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	24 L S4	80 oct.Lgts prior req.
Cherry Springs (Galeton)	10 SW;hwy 1 S	2265	19 S2	80 oct. Trees W,SE,NW.
➔ Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S6	80 oct. Pwr line E.
Daleville	0.6 N;hwy W	1775	19 S4	80 oct. Hill S.
Danville	2.2 SW;RR N	480	22 S3	80 oct. Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct. Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct.
East Scranton (Scranton)	7.3 ESE;lake E	1660	23	Trees S, N.
Gordon	1.8 W; RR E	960	18 S2	80 oct. Hill S.
Green Acres(Beaver Meadows)	2S	1260	20 S4	80, 91 oct. Pole line ENE
Lehighton	0.9 WSW;hwy NW	502	18 S5	80 oct. Trees WSW.
Mid Valley (Olyphant) (NC)	3 N; rd NE	1580	20	
➔ Milton	0.8 S;RR W	450	27 S6	80 oct. P-line W,SW.
Mt. Pocono, 21, BJ-LG	1.5 NW;hwy NE	1925	26h L3 S1	80 oct. Pole line NE.
Nicholson-Mt View (Nicholson)	4.8 ENE;crk NW	1280	39 S1	80 oct.50' trees S.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
Scranton	7.2 WNW;hwy N	1150	24h L3 S6	73-91 oct.Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
➔ Skyhaven (Tunkhannock)	0.3 S; RR N	639	20 S6	80,91 oct.P-line,trees SW.
➔ State College Air Depot	3.4 E;hwy S	1200	17 S6	80 oct. P-line NW
Stroudsburg-E.Stroudsburg (Stroudsburg)	2.5 NNE;hwy S	426	22 S4	80 oct.
(P) Sunbury	2 NNE	443	35 S3	80 oct. No sto.
* Tamaqua Int, 61B, CG-LG	2.2 WNW;hwy W	1260	30 L3	
➔ Towanda	1.5 SSE;RR W	700	25h S2	80 oct. ENE,NE blkd.
Wilkes-Barre-Wyoming Val'y	3.5 NNE;riv S	546	35h R1 L3 S4	80, 91 oct. Lgts emerg
(P) Williamsport	5.1 E; riv S	526	43h R1 L5 S6	80,91 oct.Stack ESE,ENE only
	NEW AIRPORTS			
Nanticoke Valley Arpk (Maine,N.Y.)	4 NNE;hwy E	975	18 S2	80 oct.Data unver.
ScenicAire Park (Geneva,N.Y.)	2 S;lake E	550	27 S2	80,91 oct.Data unver.
Valley (Sayre, Pa.)	2.7 WNW	800	29 S6	80 oct.
Wilkes-Barre-Scranton	10 NE;		52h R1 L3	(Wilkes-Barre, Pa)
Jersey Shore (Pa)	1.5 E	530	28 S4	Data unver
Ross Arpk (Pulaski)	3 SE; riv N	500	25 L S6	80 oct. Port rnwy lgts. Trees
Skyview Acres, (Muncy, Pa.)	1.4 NE;cty SW	500	26 S2	80,91 oct.P-line S,SE [WSW
Grand Canyon (Wellsboro, Pa)	4 W	2000	35 S2	80 oct.Data unver.
Mufflin Co (Reedsville, Pa)	2.7 N;hwy W	830	37 S4	80 oct.
Eerwick (Pa)	2.2 ENE	620	24 S4	80 oct.P-line E,NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). ➔ NEW OR REVISED DATA.

SYRACUSE 53


PRESQUE ISLE 18
WATERTOWN (VHF) W
W-109.1
WATERTOWN
CARTHAGE
SCALE OF MILES
10 0 10 20 30
CAN.
N. Y.
RICHLAND
ROSS
LADD'S
BOONVILLE
UTICA
359
SYRACUSE
350
ROCHESTER
206
ROCHESTER
278
COMMERCIAL
HILTON
RIDGEWAY
FULTON
FULTON AIR PARK
RED CREEK
CICERO
SYRACUSE
BOSTON CLEVELAND
BRIZEE
GREEN 2
HYLAN
WEST HENRIETTA
KIRKVILLE
ROME AAF
396 (126.1R)
UTICA
CANASTOTA
SMITHPORT INC
AUBURN
SCOTTSVILLE
MEACHAM-GENESEE
HONEOYE FALLS FLY SER
SENECA FALLS
SYRACUSE MUN.
278
COLGATE UNIVERSITY
MASON
SCENICAIRE PARK
RUSHVILLE
MORAVIA
DANSVILLE (W)
212
PENN YAN
DANSVILLE
MT. MORRIS
BATH H'SPORT
ELMIRA
385
MERCURY
MARTIN
CORTLAND
CAYUGA
ITHACA
WARREN EATON
KEYES-ONEONTA
HORNELL
ANGELICA
SIDNEY
NANTICOKE VALLEY
BINGHAMTON
COSTA'S
CROWNER
PAINTED POST
CHEMUNG CO
EAGLE
TRI-CITIES
278
COMMUNITY
ELMIRA-PINE CITY
VALLEY
CHEMUNG VALLEY
N. Y.
PA.
BOSTON
NEW YORK
ELMIRA
GRAND CANYON
CHERRY SPRINGS
TOWANDA
LAKE CAREY
SKY HAVEN
NARROWSBURG
WILLIAMSPORT
375
WILKES-BARRE
272
SCRANTON
LOCK HAVEN
WILKES-BARRE
JERSEY SHORE
SKYVIEW ACRES
KINGSTON
DALEVILLE
EAST SCRANTON
BARRETT
WILKES-BARRE-SCRANTON
CUB HAVEN
WILLIAMSPORT
SUNBURY (VHF) (W)
U-108.3
SUNBURY
353
On request
MILTON
DANVILLE
SUNBURY
BERWICK
REIFENBERG
BLOOMSBURG
LEHIGHTON
MT POCONO
ALLENTOWN
320
LAKE SUSQUEHANNA
STROUDSBURG
TAMAQUA
GREEN ACRES
SHAMOKIN
EAST PENN
BELLEFONTE
PHILIPSBURG
224
STATE COLLEGE
SELINSGROVE
MIFFLIN CO
TO NO. ALTOONA
TO HARRISBURG
GORDON
SLATINGTON
12
BELFAST
MARTINS CREEK
EASTON
ALLENTOWN-BETHLEHEM
WASHINGTON 67
ALLENTOWN (VHF) (W)
W-109.1
TO BUFFALO
TO ALBANY
ALBANY 55
NEW YORK 71
BUFFALO 51
PHILIPSBURG (VHF)
V-108.7
BUFFALO
260
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION

CONNECTICUT

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
→ Bethany	1.3 N;hwy E	680	21 L2 S6	80 oct. No bcn.Lgts
→ BRADLEY Tower	284 (126.18)		CI (ILS-W)	3105,4495; prior req. 126.18
(NG) Bradley (Windsor Locks)	2.8 WNW; RR,riv E	171	50h R1 L1 S6	Ltd 73,100 oct.No sto. No trans facs for NG.
BRAINARD Tower (NG) [Brainard](Hartford)	278 (118.5) 2.8 SE;RR W	18	AC 48h R2 L5 S6	(4);126.18,122.5,118.5 73,100 oct.No facs for NG
BRIDGEPORT Tower (P) [Bridgeport]	269 (118.7) 3.5 ESE	9	C 48h R2 L5 S4	(4); 122.5, 118.7 80, 91 oct.
→ Canaan	1 N;RR W	680	20 S4	80 oct. Poles WSW.
Danbury	2.5 SW;RR N	454	44h S6	80 oct.P-line WSW,SSE. S blkd.
Doane (Essex)	1.2 SW;RR E,N	30	21 S6	80,91 oct.Trees N,NW
Groton Trumbull	2.8 SE;RR W	10	50h	(Groton)
Hammonasset (Madison)	2 E;hwy N	15	14 S2	80 oct.Trees W.Use NE/SW strip only.
HARTFORD Range (Brainard)	329(HT)(116.1)	323°,2.3	SBMRAZ-DTV	(3) ; 116.1
Kinsley (Somers)	2.5 NNW;RR W	200	19	
→ Lufbery(Wallingford)	0.6 WSW;RR E	80	22 S6	80 oct.Trees S
MERIDEN FM	(- - -)	244°, 17.6	FM	Hartford
MERIDEN Tower	278		CI	3105,4495 (days)
Meriden	2.7 SW;RR E	102	35 R1 L3 S6	80 oct.Hi-line W,S.
Milford	1.5 SSW;RR NW	10	20 S1	80 oct.
→ Monroe	0.7 SSE;rd E	620	20 S4	80 oct. Rd W. Trees S
[New Haven]	3.5 SSE;hwy N	4	42h S6	80,91 oct;ltd 100 oct.P-line NW.
RENTSCHLER Tower	254 (126.18)		CI	(3);126.18
Rentschler(E.Hart'd)	1 S;riv W	45	58h R1 L5 S6	80,91,100 oct.
→ Salem	2.1 E;lk NNE	400	21 L S6	80,91 oct.Trees S
Southington	3.5 NNE;RR W	200	21 S4	80 oct. Port lgts.
Stephenson (Bristol)	1.5 ESE;RR N	240	18 S6	80,91 oct.
Waterbury	2.6 S;RR E,W	843	20 S6	80 oct. (Plymouth)
Waterford	1.7 N;RR SSE	60	20 S6	80 oct.Trees,hill S.
Watertown	2.2 S;lk N	660	19 L S4	80 oct.Port rnwy lgts on prior req.
→ West Haven	2.7 SW;hwy E	15	18 S4	80 oct.Trees NE. W blocked.
→ Windham	3.5 NNW;RR S	238	44h S1	80 oct.Trees NE,ENE.

MASSACHUSETTS

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Adams	1.3 SSE;RR W	1400	18 S1	80 oct.
Agawam Land & Seaplane Base	0.5 S;riv E	50	16 S6	80 oct.P-line SE.
[Barnes](Westfield)	3 NNE;RR W	268	50h R1 L5 S6	80,91 oct.
Bowles (Agawam)	2.4 WSW;trk E	190	40 S4	80 oct.P-line S,SSE,NW,
Brookfield's	1 W;RR SW	680	20 S6	80 oct.P-line SW. W.
East Brookfield	1 W;hwy N	640	15 S4	No fuel,no sto.
Fair View Farm (Williamstown)	4 SW;riv E	954	23 S1	80 oct.P-line ENE. Hill NNE. Lgt acft only.
Gardner	2 SW;hwy N	1020	18 S4	80 oct.
Great Barrington	2 WSW;riv N	726	27 S6	80,91 oct.Obst sur fld.
Hiller(Barre Plains)	2 SW;riv W	589	25 S1	80 oct.
La Fleur(Northampton)	1.2 ENE;riv SW,N	120	26 S4	80 oct. No sto.
Metropolitan(Palmer)	5 N;riv W	400	19 S6	80 oct. Hill N.
(P) Orange	1.5 SE;hwy SE	555	50h S1	80 oct. Poles NE.
Pilgrim(Northampton)	9 N	120	16 S3	No sto. Data unver.
→ Pittsfield,3B,AZ-BW	2.4 WSW;hwy NW	1170	27 L3 S1	80 oct.P-line N.
Southbridge	1.7 N	700	27 S1	80 oct.Trees W,N
Springfield	2.3 NE;RR S	205	26 S6	80,91 oct.Bldgs W.
Stevens (N.Adams)	2.8 WSW;RR N	690	12	Emerg. only.
Turners Falls (Montague)	4.2 N	350	33 S6	80,91 oct. Wooded ridge SE,SW.
WESTFIELD Range (Barnes)	230(WJ) (116.1)	27°,1.7	BMRLZ-DTV	(4); 116.1
WESTOVER Army Rng	272 (DOJ)	239°,2.7	BMRAZ	(3)
WESTOVER Tower	396(126.18)+		CA(ILS)(GCA)	(3);126.18 (Appch cont.)
(A) Westover (Chicopee Falls) (A)	3.8 NNE;riv W	244	70h R3 (L6) S6	73,91,100 oct. No sto.
West Springfield	2.2 WNW;riv E	50	18 S1	80 oct.

NEW HAMPSHIRE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Claremont	1.3 W;riv NE	520	28h S2	80,91 oct. req. (Keene)
Dillant-Hopkins	2 S;riv,RR W	481	40h L S6	80,91 oct.Flare pots prior
Brattleboro-Hinsdale (Hinsdale)	2.7 NW;RR W	360	18 S4	80 oct. Landing flares on prior req.
Keene Airpark	3 NW;RR W	500	21	CLOSED
Lebanon	3.3 WSW;RR N	579	40h L5 S4	80 oct.Rdo repairs.
LEBANON MH Fac.	209 (LP)		MHW	
Newport	2 NNW;RR W	780	20 S4	80 oct.P-line E.

NEW JERSEY

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Sussex	1.2 WSW;RR S	420	25 S1	80 oct.200' knoll NNE.

NEW YORK

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Accord (NC)	0.7 N;RR S	260	19	PRIV.Trees S,NE,SW.
Aero Lake & Seaplane Base (Kingston)	3.7 SSE;RR W	220	23 S4	80 oct. Trees S.
ALBANY Range	365(AZ)(116.1)	196°,3.1	SBRAZ-DTV	(3); 116.1
ALBANY Tower (P) [Albany]	278 (118.3) 6.9 NNW;riv N	283	AC 35h R2 L5 S6	(4); 116.1,118.3,122.5 80,91,100 oct.ARPT OF
Amsterdam	6 N;rd NW	887	18 S6	80 oct,ltd 91 ENTRY. oct.Use strips only.
Arlington(Poughkeepsie)	1.5 E;RR E	280	18 S2	80 oct. P-line NE,trees SW.
AURIESVILLE FM	(- - - -)	302°, 27.2	FM	Albany.
(P) Ballston Spa	3 N;RR E	433	40h S4	80,91 oct.
Briggs (Carlisle)	0.6 SE;RR W	1320	12	
Catskill Valley (Catskill)	1.5 SW	100	26 S3	80 oct.Data unver.
Christie (New City)	1.5 N;RR E	150	16 S4	80 oct. P-line SW.
COLONIE LFM	(- - -)	206°,5.7	LFM	Albany
Cooperstown	1.4 NNW;RR SE	1660	16 L S4	80 oct.Pole S.Port lgts.
Cozine (Rhinebeck)	0.5 SE;RR W	200	20 S1	87 oct. Pole-line W.
Cliff Haven(Accord)	11 W;RR S	260	16 S1	80 oct.
Croton Arpk.	4.8 SW;riv SW	280	13	Hill SW. (Peekskill)
→ East Greenbush	0.8 NW;RR W	260	43 L S6	80 oct.Port rnwy lgts.P-
East Hampton	2.5 W;RR S	40	25 S4	80 oct.No sto. line N.
(A) Elizabeth (Fisher's Island) (A)	W end Island	7	29h L4	No bcn.
Farly's (New Baltimore)	3 S;RR W	10	20 S1	80 oct. Trees N.
* Ft.Plain Int,40A,CV-AZ	3 NNW;RR NE	720	35 L3	
Freedom Plains	2 W;rds N,E	340	11 S1	80 oct.Pwr line S.(Billings)
Fulco(Johnstown)	1 SE;hwy S	840	22 S4	80 oct.No sto
→ GLENS FALLS MH fac	206(GB)(116.1)		MHTV	(4);116.1 Data unver.
Glens Falls,	2.6 NW;rd S	474	36h S6	80 oct.
Glove City	1.5 NE;RR S	860	17 S1	80 oct. (Gloversville)
Halcott(Halcott City)	1 N		10 S1	80 oct. Data unver.
Hayduk (Herkimer)	0.6 SSW;RR N	400	12 S4	Ltd 80 oct.P-line E.
Huguenot(Port Jervis)	3.3 NE;RR SE	480	21 S6	80 oct.Trees SW.
Intercity (Schenect'y)	3.6 SSE;RR NE	340	20 S4	80 oct.
Kingston	1.5 NW;RR S	150	17 S4	80 oct.P-line NW.
(P) Kingston-Ulster	2.7 N;RR E	160	30 S4	80 oct.No sto.P-line E.
Lime Ridge(Beekman)	1.3 SE;RR S	420	16 L2 S6	80 oct.All lgts prior req.
Livingston Manor	0.5 SE;RR W		21h S4	80 oct.;91 oct.req.Data
→ Long Meadow (Rexford)	1.5 NE;RR N,S W	380	20 S1	80 oct.E,NNE unver. blkd.
Mahopac	1 NNW;lake E		20 S1	80,91 oct.
Margaretville-Fleischmanns(Marg'v)	0.2 S;riv W		21 S4	80,91 oct.No sto.P-line NE. Data unver.
→ Mattituck	0.8 ESE;bay S	30	25 S6	80,91 oct. Poles N.
→ MEDWAY FM				DECOMMISSIONED
Miller (Nyack)	1.8 WNW;riv E	70	17 S6	80 oct.No sto.P-line SW.
Millerton	1.5 N;RR W	1000	13 S1	80 oct.Trees N.
Montgomery	1 WSW;riv W	393	22 S6	80 oct.Trees N,brush E.
(A) Montgomery U.S. Mil.Acad.#1 (A)	2 SW	355	35h	CLOSED.
Monticello-Sullivan County	1.4 S;RR E	1500	30 L S4	80 oct.No sto.Port rnwy lgts.Rnwy data unver.
Newburgh-Walden (Walden)	2.2 SSW;riv W	404	32 S6	80,91 oct.Obsts sur fld.
NEW HACKENSACK Range	236(NX)(116.1)	5°,5.3	SBRAZ-DTV	(4) ; 116.1
(P) New Hackensack	0.5 W	166	35h R1	Obsts NE.
New Paltz	0.8 W;RR E	190	20 S1	80 oct. NNE
Pisoco	0.5 N;hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush
Plateau(Northville)	2.5 E;riv ESE	1040	24 S6	80,91 oct.Trees S. Rough.
PORTCHESTER FM	(. . -)	42°,16.5	FM	La Guardia
Randall's(Middlet'n)	1.8 ESE	520	20 S2	80,91 oct. RR NW.
→ Ravena	1.2 N;riv 2 E	180	14 S1	80 oct. Lgt acft only.
Rockland(New City)	1 SSE;RR E	240	14	Trees W;Hwy E. (NC)
Sacandaga Park (Northville)	1 SW;RR W	770	13 S1	80 oct.P-line WSW.
SARATOGA SPGS FM	(-)	28°,24	FM	Albany
(P) Schenectady Co.	3 N;RR SE	362	50h L5 S6	80,91,100 oct.
→ Schuylerville,Land & Seaplane Base	2.5 S;riv E	100	25 S1	80 oct.Trees N,S.
→ Selkirk	2.7 E; hwy E	160	22	P-line E,trees S.
→ Sky Haven(Delanson)	0.9 NW;RR SE	1100	17 S2	80 oct.ESE,W blocked.
Somers	0.6 SE;RR E,S	563	20 S4	80 oct. No sto.
Spring Valley	0.3 E		19 S2	Fuel. Data unver.
Stanton's Newburgh Cub Port (Newb'g)	5.3 NW;RR S	520	12 S2	80 oct. Trees S.
Starhaven(Middletown)	1.3 NW;RR SW, N	750	29	Trees SW, SE, NW.
Steenburgh Avia. Svc.(Gloversville)	1.5 ENE;RR N	900	8 S1	80 oct.
STEWART Army Rng	335(DMU)		MRLW	
STEWART Tower	396 (126.18)	125°,2.4	CA	(3); 126.18 (7-23)
(A) Stewart(Newburgh)	4 NW;hwy N	474	60h R1 L5 S6	100 oct. JP-1. (A)
Stone Arabia	3.6 ENE;hwy E	880	18	P-line NNW.(Ft.Plain)
Stormville	1 ENE;RR S	350	23 S4	80 oct.No sto.Trees NE
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	(LG-UL)
* Ticonderoga Int,22	2.7 NNE;rd E	210	32 L3 S1	80 oct.Obst sur fld.
→ Troy	2 SSE; lake N	327	30 L4 S6	80,91 oct. ENE,W blkd.
Valley Air Park	1.5 NNW	635	20 S4	Data unver.(Middleb'g)
→ Vaughan(Johnstown)	1 E;hwy W	760	18	Use in emerg only.
(A) Wallkill,U.S. Mil.Acad.#2 (A)	3 NW;riv E	340	35h	CLOSED
Wappingers Falls	0.9 SE;rd S	152	21 S4	80 oct.P-line E,W,S.
[Warren Co.](Glens Falls)	2.4 NNE;rd N	325	40h R1 L5 S1	80,91 oct.
Warwick-Wickham	4.5 NE;RR W	540	24 S4	80 oct.Ridge N.
WESTCHESTER CO. Tower	260		C	(4)
(P) Westchester Co. (White Plains)	4 NE;lake W	435	50h R1 L5 S6	80,91 oct.days.
White(Bedford)(NC)	3.6 SE;hwy E	475	12	
Wingdale	1.5 NE;RR W	400	25 S4	80 oct.No sto.ROUGH.
Wurtsboro	2 NE;RR E,SE	560	31 S6	80 oct.Obsts sur fld.

PENNSYLVANIA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Matamoras	0.5 SSE;riv SE	450	18h L4 S6	80 oct.No bcn.Lgts prior req

VERMONT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Bennington	2.5 WNW	830	13 S1	80 oct.470' hill WNW.
→ Equinox(Manchester)	1 SE;riv S,N	700	18 S4	30,91 oct.
→ Fair Haven	1.5 NNW	370	20 S4	80 oct.
Hartness(Springfield)	3.8 NNW;riv E	570	20 S6	80 oct.
Rutland	5.8 SSE;hwy W	784	40h L3 S4	80 oct.No sto.All lgts
→ Twin State (White River Junction)	1 SW; riv, RR E	540	18h L S6	80,91 oct. prior req. Port rnwy lgts on req.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WESTOVER (A) (L6)	109.9	333.8	239°	IM- (0.49)	MM- ····· (0.79)	OM- — — (3.38)
WESTOVER (A) (L6)	109.5	332.6	59°	IM- (0.02)	MM- ····· (0.72)	OM- — — (4.42)
BRADLEY	110.3	335	58°	IM-	MM- •— •— (0.66)	OM-
					MMK-201 •— — —	OMK-219 — — —
					MMK-	OMK-

NEW FACILITIES

Island (Shelton,Conn.)	0.3 E;riv E,W		19 S4	80 oct.No sto.Data unver.
Duanesburg, (N.Y.)	0.3 S;hwy W,N	700	22	Sto.
Westchester (Armonk)	0.5 SSE	380	23 S6	80,91 oct. N.Y.
Prattsville (N.Y.)	1 S	1200	16 S2	80 oct.Data unver.
QUABBIN (Army) FM (Mass)		59°,8.5	FM	Westover
QUABBIN (Army) H Fac (Mass)	317 (D)	59°,8.5	FMHW	(Cont.) Westover
BRIDGEPORT Range	221(WQ)	231°,4	MRLW	(4) (Conn)
Simsbury (Conn)	2.6 NNE;RR W	170	17 S6	80 oct.Trees SE.
Jewett (Jonesville,N.Y.)	0.5 NE	340	22 S2	80 oct.
Middlebury (Vt)	2.5 SE;hwy W	440	17 S4	80 oct.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page xiii)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

ALBANY 55

● COMPULSORY REPORTING POINT
C NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

R EXTREMELY HAZARDOUS O USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY ■ QUADRANTS.

PRESQUE ISLE 18
TICONDEROGA
On request
GLENS FALLS 206 (116.1)
BURLINGTON 323
BLUE 18
30
FAIR HAVEN
RUTLAND
NORTHFIELD 6000
MONTPELIER BLUE 4 7000
TWIN STATE
LEBANON(W) 209
LEBANON
BLUE 40
NEWPORT
HARTNESS
CLAREMONT
10 STATUTE MILES 20 30
10 CONCORD
BOSTON 57
PISECO
D A
WARREN CO
GLENS FALLS
HUDSON FALLS
SACANDAGA PARK
CORINTH
MOREAU
PLATEAU
STEENBURGH
GLOVE CITY
AMSTERDAM
BALLSTON SPA
SARATOGA SPRINGS
24
N.Y.
VT.
EQUINOX
VT.
N.H.
GREEN 2
4000
VAUGHAN
LONG MEADOW
SCHUYLERVILLE
208
HAYDUK
FULCO
SCHENECTADY CO
FORT PLAIN
84
3000
122
AURIESVILLE
27
ALBANY 365 (116.1)
BENNINGTON
KEENE
DILLANT-HOPKINS
STONE ARABIA
SKY HAVEN
166
BRIGGS
COOPERSTOWN
4000
INTERCITY
STEVENS
BRATTLEBORO-HINSDALE
RED 11
6000
VT. N H MASS
GARDNER
27
293
SCHOHARIE CO.
ALBANY 278 RC 118.3 MC
DUANESBURG
VALLEY AIRPK
5000
COLONIE
TROY
FAIR VIEW FARM
ADAMS
5000
64
TURNERS FALLS
ORANGE
118
GARDNER
BOSTON 263
42 30
WESTOVER AAF 272
207
PILGRIM
144
72
149
239
QUABBIN(W) 317
HILLER
EAST GREENBUSH
SELKIRK
RAVENA
FARLY'S
PITTSFIELD
3000
GREEN 2
4000
LaFLEUR
QUABBIN
WESTOVER AAF 396 (126.18)
E. BROOKFIELD
SYRACUSE 53
15
BLUE 18
86
N.Y.
MASS.
GREAT BARRINGTON
BARNES
WESTFIELD 230 (116.1)
METROPOLITAN
SOUTHBRIDGE
BOSTON
HALCOTT
MARGARETVILLE — FLEISCHMANNS
CATSKILL VALLEY
4000
59
30
SPRINGFIELD
329
W. SPRINGFIELD
KINGSTON-ULSTER
COZINE
193
CONN.
CANAAN
21
BLUE 41
BOWLES
KINSLEY
303
WOODSTOCK
42
MILLERTON
BRADLEY 284 RC 126.18 MC
AGAWAM
WALLKILL NO 2
KINGSTON
ARLINGTON
SIMSBURY
30
244
3000
BOSTON NEW YORK
CLIFF HAVEN
AERO LAKE
NEW HACKENSACK
SOUTHINGTON
WEATOGUE
14
LIVINGSTON MANOR
NEWBURGH-WALDEN
NEW PALTZ
FREEDOM PLAINS
81
STEPHENSON
RENTSCHLER 254 (126.18)
158
STEWART AAF (W) 335
WAPPINGERS FALLS
15
258
WINGDALE
4000
RED 13
LIME RIDGE
WATERBURY
HARTFORD 329 (116.1)
WINDHAM
MONTICELLO
MONTGOMERY
WURTSBORO
87
STANTON'S
272
STORMVILLE
5000
WATERTOWN
MERIDEN 18
3000
323
40
SALEM
MONTGOMERY NO 1
94
BETHANY
BRAINARD 278 RC 118.5 MC
NEW HACKENSACK 236 (116.1)
BROOKFIELD
LUFBERY
MERIDEN 278
SALEM
58
263
WATERFORD
STARHAVEN
HUGUENOT
RANDALL'S
MATAMORAS
4000
63
RED 33
RED 23
STEWART AAF 396 (126.18)
DANBURY
55
64
AMBER 7
MONROE
DOANE
GROTON TRUMBULL
MAHOPAC
SOMERS
45
3000
231
BLUE 41
HAMMONASSET
ISLAND
135
NEW HAVEN
WEST HAVEN
2000
SUSSEX
38
WARWICK-WICKHAM
CROTON
28
LA GUARDIA 209
222
MILFORD
ELIZABETH AAF
129
63
WESTCHESTER
338
248
GREEN 5
BRANCHVILLE
N.Y.
N.J.
CHRISTIE
51
80
324
NY 3
DA
240
4000
SPRING VALLEY
238
BRIDGEPORT(W) 221
BRIDGEPORT 269 RC 118.7 MC
3000
87
5000
51
ALLENTOWN 320
LA GUARDIA 209
MILLER
NEWARK 341
PORT CHESTER
16
NEW YORK 71
MITCHELL AAF 227
MATTITUCK
EAST HAMPTON
WESTCHESTER CO 260 RC
SUFFOLK CO
75
74 30'
74
73 30'
73
72
44
43 30'
42
41
72 48'
72 30'
TO ELMIRA
TO UTICA
TO WILKES-BARRE
TO LAKE CAREY
TO MOOSUP

RADIO

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS GUARDED, HRS OF OPER., REMARKS
BRUNSWICK NAS			DECOMMISSIONED
PORTLAND	206(PW)(116.1)	BMRLZ-DTV, 149°, 2.2	(4), 116.3
YARMOUTH FM (Navy)			DECOMMISSIONED

MASSACHUSETTS

BEDFORD (Army)	522 (DBH)	MH	Operates cont.
Bedford AAF	212(126.18,137.88)	CA	(3):126.18,137,88
BOSTON (Logan)	263(BW)(116.1)	SBRAZ-DTV	(3), 116.1
BRANT ROCK FM (Navy)	(- -)	FM, 141°, 20.2	Squantum NAS
EASTON FM (NAVY)	- - -)	FM, 218°, 17.7	Squantum NAS
EVERETT LFM	(- - - -)	LFM, 298°, 4.2	Boston
FRANKLIN FM	(. . . . . -)	FM, 238°, 28.7	Boston
LOGAN (Boston)	278 (118.7 126.18,119.9)	AC 238°, 1.4	(4), 122.5,126.18, 118.1, 118.7
PEABODY FM	(-)	FM, 31°, 9	Boston
SOUTH BOSTON LFM	(- - -)	LFM, 238°, 4.7	Boston
SOUTH WEYMOUTH (Navy)			DECOMMISSIONED
South Weymouth NAF	3295 (142.74)	CN	(3), 142.74, (8-1630, Mon-Fri.)
SQUANTUM (Navy)	472(NZW)	BMRLZ	(3):142.74 flt opers.
Squantum NAS	323(142.74)	CN(GCA); 321°, 3.7	3105, 4495, 142.74 (8-30 min before sunset)

NEW HAMPSHIRE

BOSCAWEN FM	(- - - -)	FM, 332°, 14.2	Concord
CONCORD	251 (CN)(116.1)	BMRLZ-DTV 332°, 1.9	(4), 116.1
GRENIER (Manchester) (Army)	334(DUR)	SBMRAZ	(3)
Grenier Field	278(126.18)	CA(ILS), 352°, 0.4	(3):126.18

RHODE ISLAND

CHARLESTOWN NAAS	269(142.74)	CN	3105; 142.74 (0700-1800)
GREENE (Providence)	278 (118.9)	AC	(4); 118.9, 122.5
PROVIDENCE (Greene)	347(PR)(116.1)	BMRLZ-DTV; 47°, 3.2	(3):116.1
QUONSET POINT (Providence) (Navy)	356 (NCO)	BMRLZ; 339°, 2.2	3105; 142.74
Quonset Point NAS (Providence)	227(142.74) (126.18)	CN(GCA)	(3), 142.74, 140.58, 126.18

[illegible] RADIO FACILITIES

DEDHAM Mass. FM	- - - - -	FM; 238°, 14.4	
MOOSUP, Conn. FM	(- - - -)	FM, 286°, 18.6	Boston
PROVIDENCE, R.I. Rng	108.7(PR)	VARW	Providence

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs; Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRENIER (A)	109.5	332.6	352°	IM- (0.03)	MM- ·····(0.71)	OM- (5.00)
					MMK- 201 ·-·	OMK- 219 ··--
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Foster (Stonington)	See Stonington under "New Airports" - name changed.			
Plainfield	1.5 SSW; RR NW	160	19 S6	73,87 oct. Data unver.
* Putnam Int, 14, LG-BW	1.7 WSW; RR 1.4 E	460	22 L3	Emerg use. Trees NNE, SSW.

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC (not charted). → NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Biddeford	2 SSW; RR NW	110	22	P-line SE.
(N) Brunswick NAS (N)	1.5 SE; RR N	77	16 S2	CLOSED;
Douglas (Brunswick)	3.5 W, RR SE	170	15	80 oct.
Hilltop (West Buxton)	0.8 WSW, RR S	300	22 S4	80 oct. Poleline ESE.
Kennebunk	1.6 SW	50	16 S1	80 oct.
Merrymeeting (Bowdoinham)	1 SSE; riv E	60	18 S1	80 oct. Trees N, S.
PORTLAND	2 W, riv E	60	43h R1 L5 S6	80, 91 oct.
Port of Maine (South Portland)	1.8 SSW, RR E	40	28 S6	80 oct. Rnwy data unverified.
Riverside Airpark (Brunswick)	1 WNW, RR S	60	18 S4	80 oct. No sto. Trees NNW
(P) Sanford	4 SE, hwy N	243	60h L5 S6	80, 91 oct.
Scarboro	2 W, RR SSE	20	25 S2	80 oct.
Stover (Freeport)	3.5 NNW	180	11 S1	80 oct.

MASSACHUSETTS

Ames (Brockton)	3 WSW, RR W	120	20 S6	73 oct. RR S.
Auburn	2 SW, RR W, E	700	15 S1	80 oct. Lgt acft only.
(A) Bedford AAF (A)	1 S	128	50h R2 L5 S6	73, 100 oct; JP-1.
(CG) Beverly	3 NW, lake E	108	50h L5 S1	80, 91 oct.
Bolton (Clinton)	2.3 NE, RR W	400	17 S6	80 oct. Trees around fld. RR S.
Boston-Metropolitan (Canton)	1 W, riv W	50	21 S6	80 oct. Trees NW.
Brockton	2 S, hwy E	128	22 S6	80 oct. Poles E, W. Rnwy data unver.
Cape Cod (West Barnstable)	2.1 SW, lake SW	100	25 S2	80 oct.
Country Club (Wareham) (NC)	1.3 E, riv S	25	17 S4	80 oct. P-line, trees N
Chatham	1.7 WNW, lk E	66	14 S4	80 oct. P-line NW.
Eastham	1.2 NW; hwy E	50	20 S4	80 oct, FEE. Rnwy data unver. Smudge pots prior req.
Edgartown	2 S, rds E, NW	20	30 S4	80 oct. P-line E.
Falmouth (NC)	2.5 NE	40	18 S4	80 oct Data unver
Fitchburg	2.5 SE, bet RRs	334	45h S6	80 oct Knolls, dike S.
(A) Fort Devens AAF (A) (Ayer)	See Ayer, Mass under "New Arpts" - name changed			
Franklin-Norfolk (Norfolk)	2.5 WNW RR SSE, NW	140	20 S6	80 oct. Pole line S
Grafton (No Grafton)	0.7 SSW, riv N	450	30 S6	80 oct. Wooded hill S
Groton	4.6 WNW, RR W	280	28 S6	80 oct
Haverhill	2 NNE, lake S	125	17 S6	80 oct Stack S; pole line NW
HYANNIS	1.2 N, RR E	56	39h L5 S6	80, 91 oct. Lgts prior req
King (Taunton)	4.5 ESE, RR N	45	26 S6	80 oct. P-line NNE.
(P) LAWRENCE	2.5 ENE, lake E	155	40h L5 S6	91 oct days. P-line SSE.
Leicester	2 N	1140	15h S4	80 oct. Reservoir SE
(NG) LOGAN (Boston)	1.5 E in harb	12	70h R2 (L5) S6	80, 91, 100 oct. Rdo rqrd FEE Ltd 80, 100 oct, minor rprs for NG.
Mansfield	2 SSE, RR NE	124	25 S2	80 oct Pole line NWNE
Marlboro	2.4 E, RR WSW	265	15 S4	80 oct. Ridge SSE, NNW
(N) MARTHA'S VINEYD. (Vineyard Haven)	4.3 S, rd S	68	38h L5 S4	80, 91 oct. Lgts prior req Obsts SE side TMP INACT. NO NAVY FACS
Mendon	0.3 S, lake W	450	18 S4	80 oct. No sto. P-line N, NW
Myricks (Berkley)	3 E; RR SW	65	20 S6	80 oct. SSW blkd.
NANTUCKET	2.6 SE, rd N	47	40h L S6	80, 91 oct. Port lgts.
(P) New Bedford	2.5 NNW, RR W	78	50h L5 S2	No fuel.
North Shore (Essex)	See Cape Ann Airways, under "New Airports" - name change			
Norwood	1.8 E, riv E	55	40h L5 S1	80, 91 oct.
Oak Bluffs	0.8 SW, rd W	20	20	Avail emerg only.
(N) Otis OLF (Falmouth)	9 NNE	126	70h	INACTIVE (N)
Plum Island (Newburyport)	2.3 SE, riv N	15	25 L1 S6	80 oct. Pole line E.
Plymouth	SSE	149	25	Data unverified.
Providence (Seekonk)	2.1 ESE, rd NE	25	17 S4	80 oct. Pole line NNE
Revere	1 N	20	21h L S6	80, 91 oct. Port lgts, fee Data unverified.

MASSACHUSETTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Richardson (Dracut)	2 NNW Lowell	115	21 S4	80 oct. P-line ENE; No sto.
Shawsheen Pines (Billerica)	2.7 E, RR NE	110	24h S6	80, 91 oct. Ltd sto. Rnwy data unver. Trees NE, E, SE
Sherman Memorial (Mansfield)	See Clifford Sherman Memor'l under "New Arpts" - name changed.			
(N) South Weymouth NAF	1.5 SSE, RR W	152	45 R1 L5 S4	100 oct. B-2 lgts.
Spencer (N)	3.5 NNE	1040	17 S6	80 oct.
(N) Squantum NAS (N)	0.8 W, bay N	10	41h R2 S4	91, 100 oct. No sto. No ngt flying.
Westboro	1.9 WNW, hwy N	310	13 S6	80 oct.
Wilkins (No Attleboro)	2 NE, lake NW	200	18 S6	80, 91 oct. Pole line ESE.
WORCESTER	3.5 W, RR SE	1009	55h	

NEW HAMPSHIRE

Boire (Nashua)	2.8 WNW, RR N	185	20h L3 S6	80, 91 oct. Lgts prior req. P-line S
CONCORD	1.5 E, riv W	346	40h R1 L5 S6	80, 91 oct
Daniel Webster (Nashua)	3.8 NNW; riv E	195	25 S6	80, 91 oct. ENE, NNW blkd.
Gate City (Nashua)	4 S		20 S4	80 oct. Data unver
(A) Grenier (Manchester)	4 S, RR E	230	70h R3 L5 S6	73, 91, 100 oct. (A)
Hampton	1.6 N, RR W	80	20 S5	80 oct. No sto. Trees N, S.
Hooksett Land & Seaplane	2 S, RR E	187	20 S6	80 oct. No sto.
Laconia	3.8 NNE; lk 1 NNE	536	36h L5 S6	80, 91 oct. Lgts prior req.
Lakes Region (Wolfeboro)	2.6 W, RR E	580	14	CLOSED
Merrimack Bay (Concord)	5 NNW, RR W	260	15 S2	80 oct. Poleline S.
Plymouth Mun. Arpk	3.5 WNW, RR N	506	18 S2	Ltd 80 oct. Poleline N
(P) Portsmouth	3 W, bay W	94	50h L5 S6	80, 91 oct.
Wayside (Sommersworth)	2.4 W, RR N	212	15 S2	80 oct. Trees SSE.

RHODE ISLAND

(N) Charlestown NAAS (N)	1.9 SW, hwy N	32	58h R1 (L5) S1	91, 100 oct. No bcn.
GREENE (Providence)	7 S, RR W	53	41h R2 L5 S6	80, 91 oct.
Newport Arpk	3.5 NNE	150	24 S6	80, 91 oct. P-line NNE.
Mineral Springs (Providence)	4.6 NW, hwy E	240	11 S4	73 oct. No sto. Trees surround field
(N) Quonset Point NAS (Providence) (N)	16.5 S	14	60h R2 L5 S6	91, 100 oct. NATS
Riconn (Greene)	1.8 WNW, RR S	390	20 S6	80 oct. Rnwy data unver.
Smithfield	1 NE, RR W	400	17 S6	80 oct. Flares on req.
Westerly	2.4 SSE	81	40h	Riv. E.
Woonsocket	2.5 E, riv WSW	400	20 S2	80 oct.

NEW AIRPORTS

(N) Plymouth, Mass. DLF (N)	4.5 SW	140	28	
(A) Ayer, (Mass.)	1.5 NW; riv W	268	52h	
Conway Valley (Conway, N.H.)	0.6 WNW; RR NNE.	460	26 S5	80, 91 oct. Poles SW.
Clifford Sherman Memor'l (Mansfield, Mass)	3 SSW; RR W	130	17 S1	73 oct. Trees sur fld.
Cape Ann Airways (Essex, Mass)	0.9 NNW. Riv E, SE.	20	14 S1	80 oct.
Provincetown Land Fld (Mass)	2 WNW	5	17 S4	Fuel. No sto. Data unver. Lgt planes.
De Florez (Woodstock, Conn)	2.4 SSE; hwy W	450	19 S4	80 oct. Trees N.
Coventry (R.I.)	2.8 ESE; hwy S	260	17	Private. S appch blkd.
New Meadows (West Bath, Me)	2.3 WNW; lk W	40	12	PRIVATE.
Stonington (Conn)	1 NE; RR S	5	18 S6	80 oct. Lgt acft only. Rdo rprs.

BOSTON 57

ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA

STATUTE 5 MILES

PRESQUE ISLE 18
CONWAY VALLEY
PLYMOUTH MUN
PORTLAND 206 (116.1)
AUGUSTA
MERRYMEETING
DOUGLAS
NEW MEADOWS
NAS BRUNSWICK
RIVERSIDE
STOVER
PORTLAND
PORT OF MAINE
HILLTOP
LACONIA
LAKES REGION
SCARBORO
BIDDEFORD
KENNEBUNK
SANFORD
WAYSIDE
BOSTON 263 (116.1)
BOSTON AREA
BEDFORD AAF 212 KC 126.18, 137.88 MC
EVERETT
REVERE
LOGAN 278 KC 118.1, 118.7, 126.18 MC
BEDFORD AAF 522
SOUTH BUSTON
CONCORD
CONCORD 251 (116.1)
PORTSMOUTH
HOOKSETT
GRENIER AAF 278 KC 126.18 MC
HAMPTON
BOSTON ATC
ME 3 D.A.
GRENIER AAF 338
N.H. 1 D.A.
CHESTER
HAVERHILL
PLUM IS
BOIRE
DANIEL WEBSTER
N. H. MASS
GATE CITY
GLOW
RICHARDSON
GROTON
AYER
FITCHBURG
LAWRENCE
CAPE ANN AWYS.
BEVERLY
PEABODY
SHAWSHEEN PINES
LITTLETON
BOLTON
WESTBORO
LEICESTER SPENCER
MARLBORO
WORCESTER
GRAFTON
AUBURN
FRANKLIN NORFOLK
DEDHAM
FRANKLIN
HARTFORD
WOONSOCKET
SMITHFIELD
MINERAL SPRINGS
PUTNAM
PLYMOUTH
PLYMOUTH OLF
KING
MYRICKS
PROVIDENCE
GREENE 278 (118.9)
PROVIDENCE 347 (116.1)
HARTFORD
RICONN 106
PLAINFIELD
MOOSUP
RED 13
NAS. SQUANTUM 323 KC 142.74 MC
NAS. SQUANTUM 472
NORWOOD
BOSTON METRO
NAF. SO. WEYMOUTH 3295 KC 142.74 MC
GREEN 2
AMES
BROCKTON
EASTON
WILKINS
MANSFIELD
C SHERMAN MEM'L
SCALE
NAS. SQUANTUM 472
EAST BOSTON
SOUTH BOSTON
BRANT ROCK
PROVINCETOWN
EASTHAM
CAPE COD
CHATHAM
OTIS OLF
HYANNIS
C.A.
NEW BEDFORD
FALMOUTH
MASS R.T.
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
NEWPORT
OAK BLUFFS
MARTHA'S VINEYARD
EDGARTOWN
NANTUCKET
MASS. 2 D.A.
MASS 2 D.A.
MASS 1 D.A.
NAS. QUONSET PT 227 KC 142.74, 126.18 MC
NAS. QUONSET PT. 356
NAAS. CHARLESTOWN 269 (142.74)
STONINGTON
WESTERLY
CONN R.T.
FOR PROVINCE VHF RANGE SEE CHART 144
D.A.
TO MONTPELIER
TO LEBANON
ALBANY 55
ALBANY 365
TO WOODSTOCK
TO SALEM
BLUE 4
BLUE 41
BLUE 40
AMBER 7
GREEN 2
RED 11
CAMBER
G.5

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

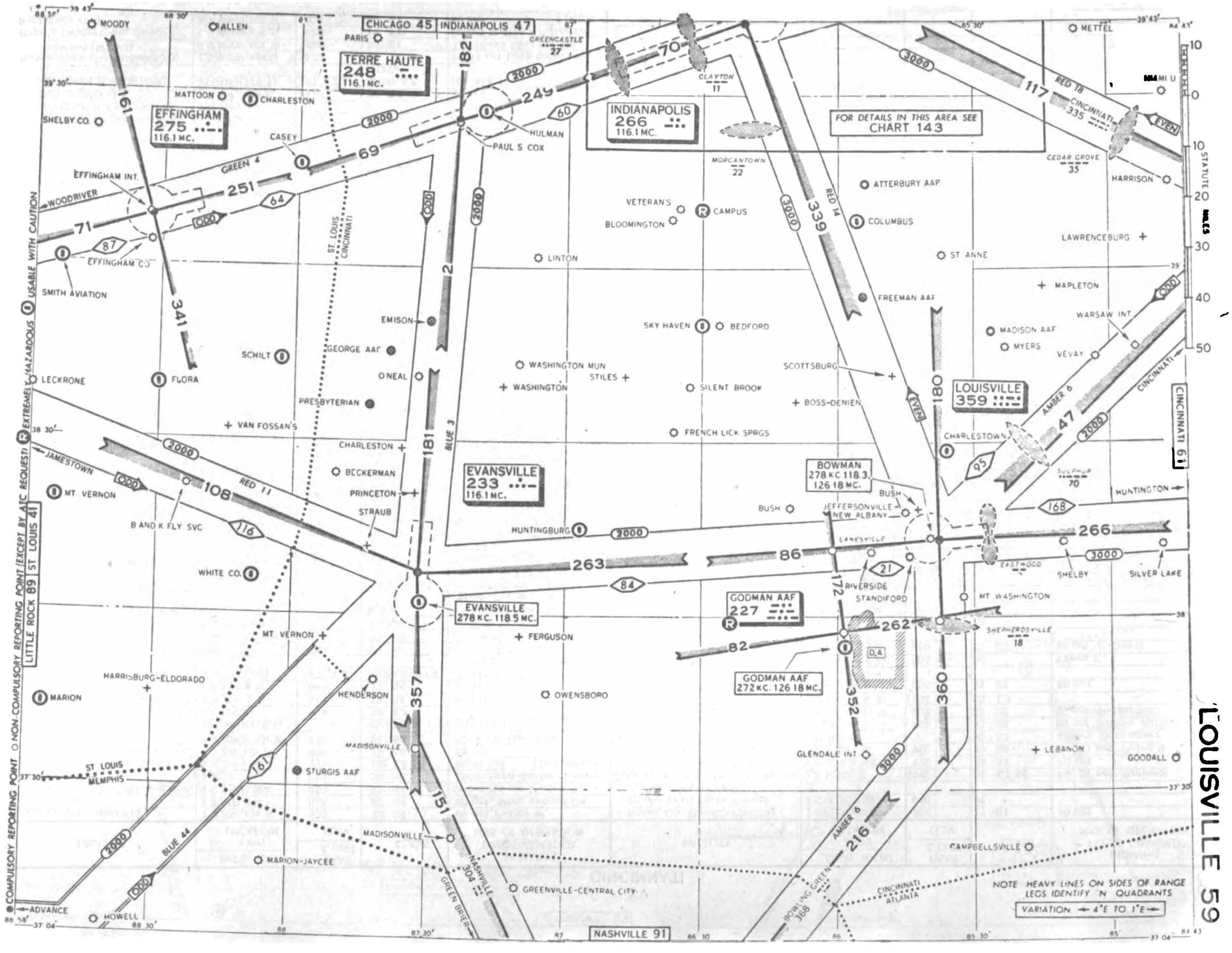
Ⓡ EXTREMELY HAZARDOUS Ⓓ USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF BLOCK LEGS IDENTIFY 8 QUADRANTS.

FACILITY	FREQ., IDENT. / ARPT LOCATION	BEAR. & DIST. / ELEV	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Allen (Arcola, Ill)	2 W;RR N,E	665	20 S6	80 oct. P-line N,E.
(A) Atterbury AAF (Columbus,Ind)	3.5 N;RR SE	651	50h	TMP INACT NO FACS (A)
B & K (Fairchild, Ill)	1.4 WSW;RR S	500	26 S5	80 oct. P-line N.
Beckerman (Mt. Carmel, Ill)	4 W; RR S	424	23 S2	80 oct. P-line N.
(P) Bedford (Ind)	3.5 SE	682	19 S6	80 oct.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct. Port rnwy lgts. Trees N,S of t when wet
Boss-Denien (Salem, Ind)	3 WNW;RR N		26 S6	80 oct. P-line S. Data unver.
BOWMAN Tower (Louisville,Ky)	278(126.18,118.3)		AC	(4); 122.5,126.18,118.3
[Bowman] (Ky)	5.5 ESE	546	44h L5 S6	80,91 oct. No flood lgts.
Bush (Jeffersonville, Ind)	3 NE		20 S2	80 oct. Data unver.
Bush (Ramsey, Ind)	1.5 WSW;hwy N	680	12 S4	73 oct.
Campbellville (Ky)	2 ENE;RR NW	500	18 S4	80 oct. Hills NE,SE.
Campus (Bloomington, Ind)	1.5 ENE;RR S	883	22 S4	80 oct.
Casey (Ill)	1 NW	645	26 S4	80,91 oct. Data unver.
Charleston (Ill)	1.3 SW;RR NW	690	26 S6	80,91 oct. Flares on req. P-line N,E,W.
(P) Columbus (Ind)	5 SSW;hwy E	617	45h L5 S4.	80,91 oct. No bcn,no flood. Lgts on req
EFFINGHAM Range (Int.)(Ill)	275(EF)(116.1)	341°,0.0	BMRLZ-DTV	(4); 116.1
Effingham Co. Mem'l (Ill)	3.6 S;hwy W	585	30 S6	80 oct.
★ Effingham Int,10,LS-ID (Ill)	2.5 N;RR E	608	26 L3 S1	73 oct. on req.
(A) Emison (Oaktown, Ind)(A)	3.6 WSW	425	45h	CLOSED.
EVANSVILLE Range (Ind)	233(EV)(116.1)	177°,5.7	SBRAZ-DTV	(3); 116.1
EVANSVILLE Tower (Ind)	278 (118.5)		C	(4); 118.5, 122.5
[Evansville] (Ind)	4.5 NNE;bet RRs	383	60h L5 S6	80,91,100 oct. Twr W. Fld lgts on req. No floods
Ferguson (Richmond, Ind)	0.5 SE		13	Data unver.
Flora (Ill)	0.8 SW;RR N	490	35 S6	80 oct. P-line N,W.
(A) Freeman (Seymour, Ind) (A)	2 SW;hwy N	575	55h	CLOSED.
French Lick Springs (Ind)	1 SE;RR W	500	27h	
(A) George (Lawrenceville,Ill)(A)	4.5 NE;RR S	428	52h	CLOSED.
* Glendale Int,75B,DL-LV (Ky)	0.5 NE;RR W	702	25 L3	
GODMAN Army Range(Ft.Knox)	227 (DKX)	172°,3.1	BMRLZ	(Ky)
GODMAN Tower (Ky)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Godman (Ft. Knox, Ky) (A)	1 NW;RR E	740	52h L5 S4	73,91,100 oct. No sto.
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct. WNW,SW blkd.
Greenville-Central City (Ky)	1 NE;RR W	415	22 S4	80 oct.
Harrisburg-El Dorado (Ky)	Adj E	400	27 S1	80 oct. Data unver
Harrison (Ohio)	2 ESE;RR SW	580	26 S6	80 oct. P-line S. Rnwy data unver.
Henderson (Ky)	4.7 WSW;hwy E	350	23 S1	80 oct.
Howell (Paducah , Ky)	4 WNW;RR S	371	20 S6	80 oct. All appchs blkd.
(P) [Hulman] (Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct. Fld lgts prior req.
(P) Huntingburg,19,LS-LV (Ind)	3 S;RR E	500	31 L2 S4	80 oct.
INDIANAPOLIS Range (Ind)	266 (ID)(116.1)	82°, 3.2	SBRAZ-DTV	(3); 116.1
Jeffersonville-New Albany (Jeffersonville, Ind)	2 NW;riv S	470	29 S6	80 oct. Poles SW.
Lawrenceburg (Ind)	1 SW		22	Data unver.
→ Lebanon (Ky)	3.5 NNW;hwy 1 SE	799	15 S4	80 oct. P-line E,SE
(P) Leckrone (Salem, Ill)	1.9 NW;lake NW	545	39 S6	80,91 oct. Flares on req. Der-rick NW blkd.
Linton (Ind)	3.3 E;RR S	500	19 S4	Ltd 80 oct. N,NE
LOUISVILLE Range (Bowman)	359 (LV)	269°, 1.4	SBMRLZ-DTX	(3) (Ky)
(A) Madison AAF (Ind) (A)	6 NNW;RR SW	850	50h	Closed to all acft.
Madisonville (Ky)	6 ENE;hwy SE	420	24 S4	80 oct. Use strips.
Mapleton (Seymour, Ind)	2.7 E;hwy SW	630	18 S4	80 oct. P-line N,NE, onl Use strips.
Marion Arpk (Ill)	1.8 ESE;RR S	430	29 S6	80 oct. All appchs blkd.
Marion-Jaycee (Crayne, Ky)	1 N;hwy E	650	20 S1	80 oct.
Mattoon (Ill)	4 E; RR N	720	23 S6	80 oct. Poles W.
Mettel (Connersville, Ind)	2.8 NNE	950	29 S2	80 oct. Bet RRs.
(P) Miami University (Oxford,O)	2.2 WSW;RR W	1040	40 S6	80 oct. Poles N,NW.
Moody (Dalton City, Ill)	2.2 S;hwy W	680	19 S6	80 oct. P-line N.
Mount Vernon (Ind)	1 E;bet hwy,riv	390	26 S1	80,91 oct. Data unver.
Mount Vernon (Ill)	2.5 ENE;RR S	465	27 L S6	80,91 oct. Temp port lgts.
Mount Washington (Ky)	0.5 NE;hwy E	720	20 S6	80 oct. P-line E,NE.
Myers (Madison, Ind)	2.2 N;RR W	960	24 S6	80 oct. N,NE,E blkd.
O'Neal (Vincennes, Ind)	1.5 WNW;RR NE	415	33 S6	80 oct. P-line NE;trees N
Owensboro (Ky)	2.5 ENE;RR NW	484	29 S6	80 oct.
Paris (Ill)	3.5 NNW;RR E	740	30 S1	80,91 oct. Poles SW,S,W.
Paul S. Cox (Terre Haute,Ind)	3.2 S;hwy W	485	27 S4	80,91 oct. P-line NE,SW.
(A) Presbyterian Church #3 (A)	4 WNW;hwy E	430	45h	CLOSED (St. Francisv'l,Ill)
Princeton (Ind)	0.7 E;RR NE	502	23 S2	80 oct. Data unver.
→ Riverside (Louisville, Ky)	7.5 SW;riv W	446	24 S4	80 oct. Hi-line E.
(P) St. Anne #2 (North Vernon,Ind)	2.3 NNE;RR W	750	45h	
Schilt (Olney, Ill)	1.5 E;RR S		30 S1	80 oct. Data unver.
Scottsburg (Ind)	2 W		18	Data unver.
→ Shelby (Shelbyville, Ky)	2.9 E;hwy S	850	19 S4	80 oct.
Shelby Co. (Shelbyville, Ill)	1.9 ESE;RR N	677	21 S6	80 oct.
Silent Brook (Orleans, Ind)	5 W;riv SW	650	21 S4	80 oct. Hi-line W,SW
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80,91 oct. Poles N.
(P) Sky Haven (Bedford, Ind)	2 SSW;riv S	650	36h S6	80,91 oct. P-line E,NE,S 80'hill W end WSW rnwy
Smith Aviation (St. Elmo, Ill)	1.3 SW;RR,hwy N	647	32 L1 S6	80 oct. Bcn twr NE;poles N
(NG) Standiford (Louisville, Ky)	4.3 SSE;hwy E	480	50h	
Stiles (Shoals, Ind)	1 N	740	22 S2	80 oct. Data unver
Straub (Cynthiana, Ind)	0.5 NW		13	Data unver.
(A) Sturgis AAF (Ky) (A)	1.5 ESE;hwy SW	371	50h	CLOSED.
TERRE HAUTE Range (Ind) (Hulman)	248(TH)(116.1)	69°, 5.8	BMRLZ-DTV	(4); 116.1
Van Fossan's (Mt. Erie, Ill)	0.5 N;lake NE		27 S1	80 oct. P-line E,NW,SE.
Veteran's (Bloomington, Ind)	2.5 W; RR N	890	18 S6	80 oct. Poles W.
→ Vevay (Ind)	1.3 ENE;riv S	450	20 S4	80 oct. Tree NE corner Data unver
* Warsaw Int,5,LV-CV (Ky)	0.8 SW;riv NW	485	30 L3	
Washington (Ind)	3 W		21	Data unver.
→ Washington Mun. (Ind)	4 N		30 S4	80 oct. P-line SW,W
White Co. (Carmi, Ill)	1.1 NE;RR S	450	28 S1	80 oct. P-line S, SSE
NEW FACILITIES				
→ Agee Wms Arpk (Madisonv'l,Ky)	1.5 SW;hwy N	450	18 S2	80 oct. Pwrline W,SW
→ Boonville (Ind)	0.5 NW	383	20 S1	80 oct. Pole SW, NW
→ Karsner (Monterey,Ky)	2 SE;hwy W	540	20 S2	80 oct. Poles SSE
→ Kernek's (Nolin, Ky)	2 ENE;hwy E	690	19 S1	80 oct. P-line NNE,NE,NE/SW
→ Rising Sun (Ind)	0.5 N;riv E	580	22 S4	80 oct. P-line SW,W,NW strip
→ Streeval (Knifley,Ky)	5.8 S;hwy E	835	20 S2	80 oct. P-line E,SE rough
→ West Point Arpk (Ky)	1.3 ENE;riv W,S	420	16 S6	80 oct.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


CHICAGO 45 INDIANAPOLIS 47
TERRE HAUTE 248 116.1 MC.
EFFINGHAM 275 116.1 MC.
INDIANAPOLIS 266 116.1 MC.
FOR DETAILS IN THIS AREA SEE CHART 143
EVANSVILLE 233 116.1 MC.
BOWMAN 278 KC 118.3 126.18 MC.
LOUISVILLE 359
EVANSVILLE 278 KC. 118.5 MC.
GODMAN AAF 227
GODMAN AAF 272 KC. 126.18 MC.
NASHVILLE 91
MOODY
ALLEN
PARIS
GREENCASTLE
METTEL
MATTOON
CHARLESTON
SHELBY CO.
CASEY
HULMAN
PAUL S COX
CLAYTON
MORGANTOWN
CEDAR GROVE
HARRISON
EFFINGHAM INT.
WOODRIVER
GREEN 4
VETERAN'S
BLOOMINGTON
CAMPUS
ATTERBURY AAP
COLUMBUS
LAWRENCEBURG
LINTON
ST ANNE
MAPLETON
FREEMAN AAF
EFFINGHAM CO
SMITH AVIATION
EMISON
SCHILT
GEORGE AAF
O'NEAL
SKY HAVEN
BEDFORD
MADISON AAF
MYERS
WARSAW INT
VEVAY
WASHINGTON MUN
STILES
WASHINGTON
SILENT BROOK
SCOTTSBURG
BOSS-DENIEN
LECKRONE
FLORA
PRESBYTERIAN
VAN FOSSAN'S
FRENCH LICK SPRGS
CHARLESTOWN
SULPHUR
JAMESTOWN
MT VERNON
BECKERMAN
PRINCETON
STRAUB
HUNTINGBURG
BUSH
JEFFERSONVILLE NEW ALBANY
LANESVILLE
HUNTINGTON
B AND K FLY SVC
WHITE CO.
RIVERSIDE
STANDIFORD
MT WASHINGTON
EASTWOOD
SHELBY
SILVER LAKE
SHEPHERDSVILLE
FERGUSON
OWENSBORO
HARRISBURG-ELDORADO
MARION
HENDERSON
MADISONVILLE
GLENDALE INT
LEBANON
GOODALL
ST LOUIS MEMPHIS
STURGIS AAF
MARION-JAYCEE
GREENVILLE-CENTRAL CITY
CAMPBELLSVILLE
ADVANCE
HOWELL
CINCINNATI ATLANTA
BOWLING GREEN
GREEN BRIER
ST LOUIS CINCINNATI
CINCINNATI
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
LITTLE ROCK 89 ST LOUIS 41
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS
VARIATION 4°E TO 1°E
STATUTE MILES
LOUISVILLE 59

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Abken (Raceland,Ky)	1.2 NW;riv N	555	22 S4	80 oct P-line W.
Ashland (Ky)	1 E;RR SW	535	27 S4	80 oct. Mtns around fld
Attaway Air Ranch(Mason,Ohio)	4.2 S;RR NW	850	23 S4	80 oct.No sto P-line E
Bethel (Ohio)	1 ESE	890	30 S6	1500' hard-surfaced rnwy
Blue Grass (Lexington, Ky)	6 W;hwy N	978	40h L5 S6	80,91 oct | Data unver
Bollinger (Charleston,W.Va)	4.5 SW;riv N	900	21 S4	80 oct.
Campbell (Cincinnati, Ohio)	6.2 NNW;RR E	820	24 S2	80 oct P-line WSW
CHARLESTON Range (W.Va)	400(KN)(116.1)		SBMRAZ-DTV	(4); 116.1
* Cherry Fork Int,4,CC-WA(Ohio)	0.5 NNW	939	39 L3	
Cheviot (Cincinnati, Ohio)	9 W;RR 1 E	914	18 S6	80 oct.
Chillicothe Skypark (Ohio)	1.8 N;riv W	640	30 S4	80,91 oct
CINCINNATI Range (Lunken) (Ohio)	335(CC)(vhf)	227°,5.2	SBRAZ-DTV	(3);116.1,122.1 DTV lctd at Greater Cincinnati Arpt.
Cincinnati Inc.(Sharonville)	2 SE	860	29 S6	80 oct. (Ohio) NE blkd.P-
Clark (Winfield, W.Va)	5 N St. Albans	600	27 S6	73 oct No sto Riv E | line N.
CLINTON AAF Range (Ohio)	114.3 (DWO)		VARW	(8-1630 Mon-Fri)
CLINTON CO Army H Fac.(Ohio)	201		MHW	0.2 mi end Rnwy 22(8-1630, Mon.-Fri or on 30 min not.
CLINTON CO.Tower (Ohio)	272 (126.18, 140.58,116.1)		CA (ILS-W) (GCA)	(3);126.18,137.7,116.1 Trans.on 137.88 on req.
(A) Clinton Co.AAF (Wilmington)	2 SE;hwy NE	1062	60h L5 S1	73,91,100 oct JP-1 (Ohio)(A)
Cool Meadow (Lexington,Ky)	4.8 NE;rd W	910	28 S6	80, 91 oct
Falmouth (Ky)	2.3 SE;riv E	750	16 S2	80 oct Trees NE,SW
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct WNW,SW blkd
GREATER CINCINNATI Tower(Ky)	221(118.9,126.18)		AC (ILS)	(4);118.9,122.5,126.18 Call:
(P) [Greater Cincinnati] (Covington)	8.2 W;riv NE	890	55h L6 S6	80,91 oct (Ky) | Kenton Twr
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct Poles SE,SSW
Happy Landings (Morrow,Ohio)	2.4 ESE;RR S	880	28	Area SE unusable
Harrison (Ohio)	2 ESE;RR SW	580	26 S6	80 oct P-line S Rnwy data un
Hightman (Lebanon, Ohio)	3 E;RR W	880	16 S1	Trees W,E. 80 oct | ver.
Hinton (W. Va)	4.8 WSW;RR E	2600	26 S4	80 oct P-line NNW
Hinton-Alderson (Pence Spgs)	1 E;riv,RR S	1520	26	Hill W, E (W.Va)
HUNTINGTON Range (W.Va)	236 (HI)(116.1)	75°, 2.3	BMRLZ-DTV	(4); 116.1
(P) Huntington(Chesapeake,Ohio)	2 WSW;riv S	560	29h S6	80, 91 oct
Jody (London, Ky)	2.7 SSE;hwy E	1240	25 L S2	80 oct. Flood lgts
Jones (Chillicothe, Ohio)	7.2 SE;RR SW	720	20 S2	Ltd 80 oct
Knore (Minford, Ohio)	2 SE;RR W	670	20 S6	80 oct.No sto.Pwr line S
Lakewood Arpk (Cincinnati,O)	9.5 NNW	870	20h S6	80,91 oct.P-line E
Lancaster (Ohio)	2.5 E;RR N,SW	830	25 S4	80 oct. Poles E
LEXINGTON Range (Ky)	108.3 (LM)		VARW	
Logan (W. Va)	7.2 NNW;riv E	630	15h S1	80 oct. Hill S,N
Loving ,35A,NA-WA(Pulaski)	2.8 N;RR SE	2200	27 L3 S4	80 oct.Poles SW.No sto (Va)
LUNKEN Tower (Ohio)	227 (118.7)		AC	(4); 118.7, 122.5
(P) [Lunken](Cincinnati, Ohio)	4.3 SE;RR SW	488	41h L5 S6	73,91,100 oct
Marietta (Ohio)	1.8 ESE;riv S	615	27 S2	80 oct
Maysville (Ky)	4.8 NW;riv N	555	26 S4	80 oct
(P) Miami University (Oxford,Ohio)	2.2 WSW;RR W	1040	40 S6	80 oct Poles N, NW
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct Poles E, SW
Morris (Williamson, W.Va)	5 NNW;RR E	600	12 S1	80 oct P-line S
Mt.Healthy (Cincinnati,Ohio)	9.5 NW;hwy E	870	22 S6	80 oct Trees WSW,NE,ENE
Narrows (Va)	1 E;RR S	1550	2052	Ltd 80 oct Trees W
North Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	80 oct No sto Poles S
Ohio University (Athens,Ohio)	1.5 E; RR S	640	40 L S6	80 oct Port rnwy lgts
Paris (Ky)	1.2 NNE	850	20 L S1	80 oct Flood lgts NE,SW NW blocked
Parks Watson (Cincinnati,O)	9 NE;RR E	865	26 S6	80, 91 oct
PAYNESVILLE H Fac. (W.Va)	356 (IR)		H	(6-23)
Princeton (W.Va)	1.7 SW;hwy E	2450	20 S4	80 oct
PULASKI Range (Loving)(Va)	272(US)(116.1)	247°, 2.1	SBMRAZ DTV	(4); 116.1
Raven Rock (Portsmouth, O)	3.5 WSW;riv S	538	24 L3 S6	80,91 oct Lgtg fac not ver
Ravenswood (W. Va)	0.6 NNW,RR W	600	23 S1	Ltd 80 oct Obst sur fld
Reed's (Watertown, Ohio)	4.9 W;hwy E,S	820	13 S1	80 oct P-line NE Rdo re-
Richlands (Va)	2.7 WSW;RR N	1950	20 S2	80 oct | pairs

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Roane Co. (Spencer,W,Va)	1 SE;hwy NE	954	17 S1	80 oct
Scioto Trail State Forest (Chillicothe, Ohio)	8 SSE;RR NE	640	24	
(P) Scott (Mt.Hope)(Beckley,W,Va)	2.6 N;RR E	2440	33 L1 S6	80, 91 oct. Trees N
Shumate (Jackson, Ohio)	8 SSE;RR NE	720	20 S1	80 oct.
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80, 91 oct. Poles N
Somerset (Ky)	5 N;RR W		20 S2	80 oct Data unver
South Dayton (Dayton, Ohio)	5 SSW;RR W	750	32 S6	80 oct No sto Hills S
Stewart (Parkersburg, W.Va)	2.3 NNW;riv W	602	33 S6	80 oct. P-line SE
Sutton Int, 21, CC-WA (W.Va)	3.6 ENE;RR W	1264	32 L3	
Tri-County (New Holland, Ohio)	3 ESE;RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis,Ohio)	1.8 ENE;riv SE	563	30	Trees E.
Washington (Washington Court House, Ohio)	4.5 ENE;RR S	910	22 S3	80 oct. P-line S
Wolfords (Amanda, Ohio)	0.8 E;RR NW	960	13	
Zaleski State Forest Service (Zaleski, Ohio)	1 SSW;RR NW	705	22	

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

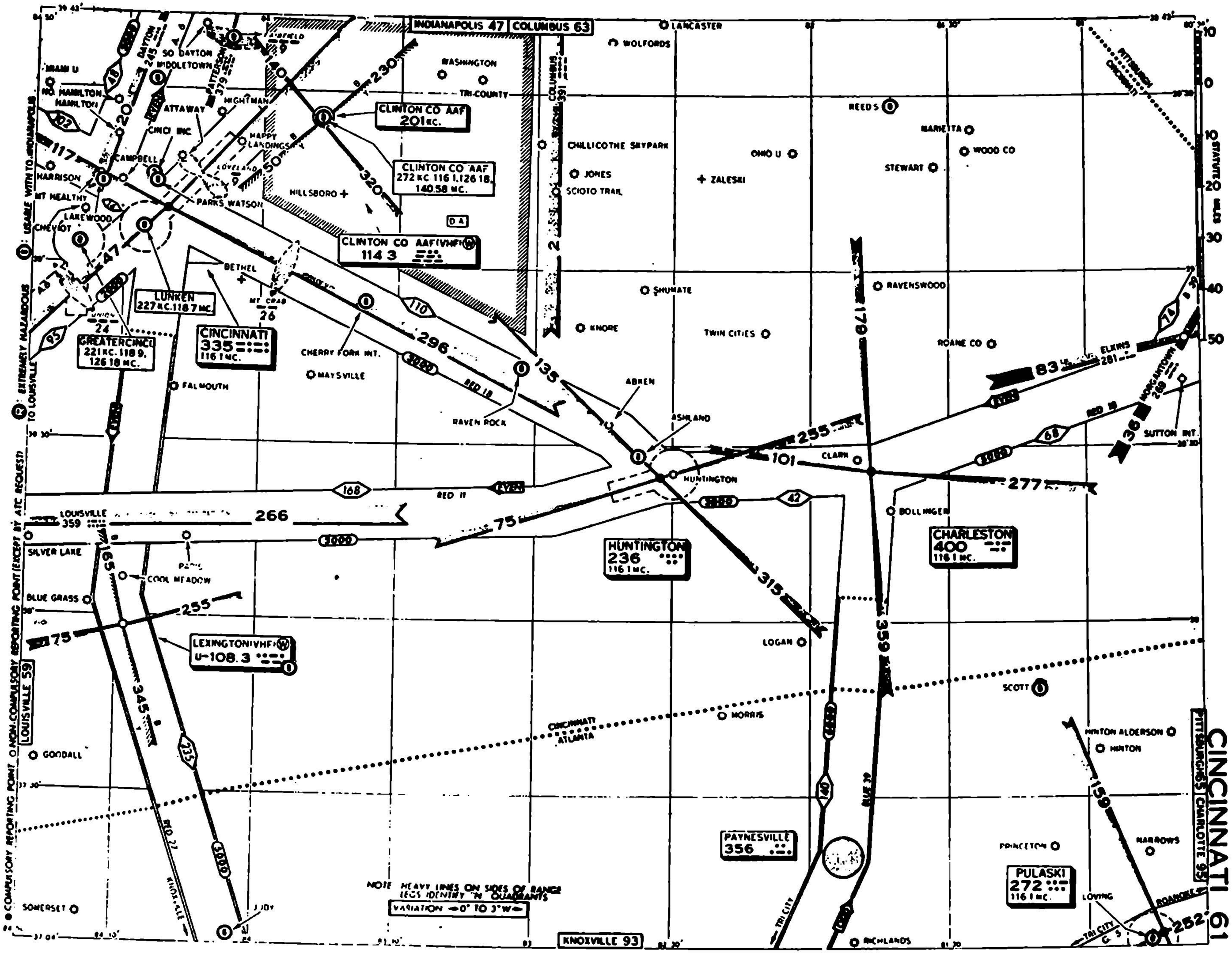
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-
					MMK-	OMK
GRTR. CINCINNATI	109.9	333.8	360°	IM-	MM- •—•—(0.6)	OM- — —(4.3)
					MMK- 206 •••—	OMK- 215•— —
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Huntington (W. Va)	See Huntington Airport, Chesapeake, Ohio			
Milford (Ky)	0.1 SE;hwy W	500	18 S1	80 oct.
Codell (Darfolk,Ky)	1.6 WSW	860	20 S2	80 oct.Ctn-mtns sur fld.
Pikesville (Coal Run,Ky)	0.8 ESE		22 S1	80 oct.
Sky (Manchester,Ky)	2.7 SE;RR W	850	21 S1	80 oct.Mtns sur fld.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 8117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. ◆ Army A.C.S. transmits on and guards 116.1, 127.65, 140.85 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII). → New or revised data (Jeron) - Airline Map. N.B. Radio facilities are all CAPITALIZED. Airports are underlined and non-capitalized.


INDIANAPOLIS 47
COLUMBUS 63
CLINTON CO AAF
201 RC.
CLINTON CO AAF
272 RC 116 1,126 18,
140.58 MC.
CLINTON CO AAF (VHF)
114 3
LUNKEN
227 RC. 118 7 MC.
GREATER CINCI
221 RC. 118 9,
126 18 MC.
CINCINNATI
335
116 1 MC.
HUNTINGTON
236
116 1 MC.
CHARLESTON
400
116 1 MC.
PULASKI
272
116 1 MC.
PAYNESVILLE
356
LEXINGTON (VHF)
U-108.3
KNOXVILLE 93
CINCINNATI 61
PITTSBURGH 93
CHARLOTTE 99
LANCASTER
WOLFORDS
WASHINGTON
TRI-COUNTY
REEDS
MARIETTA
WOOD CO
STEWART
CHILLICOTHE SKYPARK
OHIO U
JONES
SCIOTO TRAIL
ZALESKI
HILLSBORO
SHUMATE
RAVENSWOOD
KNORE
TWIN CITIES
ROANE CO
ELKINS
MORGANTOWN
SUTTON INT.
ABREN
ASHLAND
RAVEN ROCK
CHERRY FORK INT.
MAYSVILLE
FALMOUTH
BETHEL
MT CRAB
CLARK
HUNTINGTON
BOLLINGER
LOGAN
SCOTT
MORRIS
GOODALL
SOMERSET
SILVER LANE
COOL MEADOW
BLUE GRASS
LOUISVILLE 59
HINTON ALDERSON
HINTON
PRINCETON
NARROWS
LOVING
ROANOKE
TRI CITY
RICHLANDS
SO DAYTON
MIDDLETOWN
HAMILTON
ATTAWAY
HIGHTMAN
HAPPY LANDINGS
CAMPBELL
HARRISON
MT HEALTHY
LAKEWOOD
PARKS WATSON
LOVELAND
CINCI INC
MIAMI U
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 0° TO 3°W
USABLE WITH TO INDIANAPOLIS
EXTREMELY HAZARDOUS TO LOUISVILLE
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CLINTON CO. (Wilmington)	272 (126.18, 140.58,116.1)	CA(ILS-W)(GCA)	(3); 126.18,137.7,116.1 Tr on 137.85 on req.
← Clinton County (Wilmington) (Army)	201	MRW	0.2 mi. end Rnwy 22,(8-1630. Mon-Fri.or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-DTV,88°, 1.9	(3);116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS-W)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°,25.0	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC (ILS)	(4);122.8,118.6,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1
CHARLESTON	400 (KN)(116.1)	SBMRAZ-DTV	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-DTV.75°. 2.3	(4);116.1
← PAYNESVILLE	356 (ZR)	H	(6-23) Oper by PCA

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)				
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-		OM-	
					MMK-		OMK-	
LOCKBOURNE (A)	109.9		3°	IM- (0.16)	MM-	····(0.85)	OM-	--(4.29)
					MMK-		OMK-	
PORT COLUMBUS	109.5		95°	IM-	MM-	·-·-(0.65)	OM-	--(4.50)
					MMK-		OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS

KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Briggs (Zanesville)	6.4 NNE,RR W	780	18 S2	80 oct. Poles E.
Cambridge	2 N, RR W	800	27 L3 S2	73 oct.
Cedar Lawn (Kenton)	2.3 S, RR E	975	16 S2	80 oct. P-lines E,SE
★ Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N;riv W	640	30 S4	80,91 oct.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N,RR,riv E	800	28 S2	73, 80 oct.
Crabill (Springfield)	2.5 SE.RR 1 E	1040	29 S6	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page XIII) (NC)-Not charted. ← SEE OF REVISED DATA

OHIO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L4 S6	80,91 oct. Fld lgts prior req.
Grove City	1 S, RR W	860	21 S6	73,80 oct. No sto.Poles W.
Jones (Chillicothe)	7.2 SE,RR SW	720	20 S2	Ltd 80 oct.
Knore (Minford)	2 SE,RR W	670	20 S6	80 oct. No sto. Pwr line S.
Lancaster	2.5 E;RR N,SW	830	25 S4	80 oct. Poles E.
(A) Lockbourne AAB (Columbus)(A)	11.5 SSE,RR W	744	55h R3 L5 S5	73, 100 oct. JP-1. No range
← Magnolia	0.5 NW,RR SE	970	22 S2	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S4	80 oct.
Newark,2, CO-PG	3.5 SW,RR N	880	25 L3 S2	73 oct. 200' stacks S.
(P) New Philadelphia	2.5 SE,RR SW	885	36 S6	80 oct. Poles N,E,W.
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS (Columbus)	7 E, RR S	817	50h R3 L6 S6	80-100 oct. Poles NW
← Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	25 S2	80 oct.N,NE blkd
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW,riv S	538	24 L3 S6	80,91 oct. Lgtg fac not verified.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE. Rdo repairs.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S4	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	WSW blkd
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,hwy E	1050	28 L4 S4	80 oct.No sto.Fld lgts prior req
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver
Tri-Co. (New Holland)	3 ESE,RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE;hwy S	910	22 S3	80 oct. Pole line S
Wolfords (Amanda)(NC)	0.8 E, RR NW	980	13	
← Woodsfield (NC)	1 W;hwy E	1220	19	Emerg only.
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S2	80,91 oct.Pole line E. RR E. NE,W
Zaleski St. Forest Svc.	1 SSW,RR NW	705	22	(NC) blocked
(P) Zanesville	6.2 E,hwys N,S	902	50h R1 L5 S1	80 oct. prior req

WEST VIRGINIA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts emerg only.

NEW AIRPORTS

Logan (W.Va.)	7.2 NNW.riv E	630	15h S1	80 oct Hill S,N.
Huntington (W.Va.)				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.
(P) Huntington (Chesapeake,Ohio)	2 WSW;riv S	560	29h R1 S6	80,91 oct
Port Lancaster Corp. (Hooker,Ohio)	0.8 N;RR W	800	28 S1	80,91 oct.Hwy W
Snook (Reynoldsburg,Ohio)	1.4 NE;RR N	980	21 S6	80 oct.P-line E;trees SW
Hillsboro (Ohio)	5 W;hwy S		20 S2	80,91 oct.Use strips only.Data unver.

COLUMBUS 63

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION

CLEVELAND 49
CEDAR LAWN
MARION
MAGNOLIA
NEW PHILADELPHIA
WYNKOOP
MT LIBERTY
VOSS
CLEVELAND CINCINNATI
CLEVELAND PITTSBURGH
COLUMBUS 391 (1161)
GRIMES
OHIO STATE U
COMMERCE
BRIGGS
CAMBRIDGE
SUMMIT STA
SPRINGFIELD
SNOOK
RIVERSIDE
ZANESVILLE 263 (1161) On request
CRABILL
SPRINGFIELD
HILL AFB
CLICKENGER
GROVE CITY
PRICE
NORTON
NEWARK
SULLIVANT AVE
LOCKBOURNE AAB 317 126.1B
PORT LANCASTER
LANCASTER
CROOKSVILLE
PORT COLUMBUS-NAS 278 110.5 126.1B
PITTSBURGH CINCINNATI
WASHINGTON
TRI COUNTY
On request
CLINTON CO AAF 201
CHILLICOTHE SKYPARK
CLINTON CO AAF 272 nc 116.1 126.1B 117.8B 140.5B nc
FOR CLINTON CO AAF VHF RANGE SEE CHART 61
CINCINNATI 61 INDIANAPOLS 47
REED'S
MARIETTA
WOOD CO
STEWART
OHIO U
JONES
MT CRAB
CHERRY FORK
SHOUATE
RAVENSWOOD
KNOPE
RAVEN ROCK
OHIO W VA
ROANE CO
MAYSVILLE
OHIO KY
ASHLAND
ABKEN
HUNTINGTON
CLARK
CHARLESTON 400 (116.1)
BOLLINGER
HUNTINGTON 236 (116.1)
LOGAN
W VA KY
SCOTT
MORRIS
CINCINNATI ATLANTA
PAYNESVILLE 356
PRINCETON
CINCINNATI 61
TO LOUISVILLE
PITTSBURGH 65
TO CLEVELAND
TO PORT WAYNE
TO TRI-CITY

PITTSBURGH

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALLEGHENY CO. Tower (Pa)	278 (126.18, 118.7)		AC	(4); 140.1,122.5,126.18
[Allegheny Co.](Pittsburgh,Pa)	5.3 S;RR NW	1251	57h L6 S6	80-100 oct.No ctc lgts.Rdo rec.rqrd
Allegheny Valley (Tarentum, Pa)	3.2 W;RR W	1125	24 S4	80 oct.
ALTOONA Range (Pa)(Blair Co.)	338(RF)(116.1)	203°,1.3	SBMRAZ-DTV	(4); 116.1
Altoona (Duncansville, Pa)	1 SW;RR E	1050	36 S4	73 oct.
Augusta (Waynesboro, Va)	6 WSW;rivSE	1420	24 S4	80 oct.Pole line SE.
Baker Arpk (Burlington,W.Va)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg,W.Va)	6 E;hwy S	1200	38h S6	80, 91 oct.
Blair Co., 24A, CO-PG (Martinsburg, Pa)	0.9 SE	1495	44h L4 S2	80, 91 oct.
Buckstown Int,12B,WA-CV (Pa)	1 E;hwy S			ABANDONED.
Buford's (Montvale, Va)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
CECIL H Fac (Pa)	219 (C)	265°,10.3	FMHW	(Cont.) Pittsburgh
CECIL FM (Pa)	(- - -)	265°, 10.3	FM	Pittsburgh.
(P) Connellsville (Pa)	4 SSW;hwy E	1250	34h S2	80, 91 oct.
Covington (Va)	1 NE	1500	20 S4	80 oct. Data unver.
Covington-Clifton Forge (Va)	6.5 E;hwy S	1115	24 S4	80 oct.
Cresson (Pa)	1 NE;RR W	2240	25 S2	80 oct. P-line S.
(P) Cumberland (Md)	2.5 S;riv N,S	780	58h L5 S6	80,91 oct.Mtns SW.Bcn inop.
Elk Garden (W. Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct.P-line NW.
ELKINS Range (W.Va)	281(EK)(116.1)	174°,2.9	SBMRAZ-DTV	(4); 116.1
(P) [Elkins] (W.Va)	2.6 S;RR W	1988	45h L5 S4	80,91 oct. No sto.
Forman (Terra Alta, W.Va)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
FRONT ROYAL Range (Va)	359(FZ)(116.1)		SBMRAZ-DTV	(4); 116.1
Glendale (W.Va)	0.5 WSW;bet. RR & riv	640	29 S6	80 oct.Trees N,S P-line S.
GORDONSVILLE Rng (Va)(Int.)	388(GJ)(116.1)	135°,2.5	SBMRAZ-DTV	(4); 116.1
Gordonsville (Va)	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
Gordonsville Int,51,NA-WA(Va)	5 SSE	438	31 L3	Pole line SW.
GREATER PITTSBURGH Tower	396 (126.18)+		CA	(3); 126.18
(A) Greater Pittsburgh (Pittsburgh, Pa) (A)	15 WNW;riv N	1145	55h L5 S4	100 oct. JP-1. No sto.
(A) Greenbrier AAF (White Sulphur Springs, W.Va) (A)	2 SW	1795	35h	
(P) Greene Co.(Waynesburg,Pa)	2.7 E;RR NW	1100	32 S6	80 oct.
Hamilton (Indiana, Pa)	2.5 E;hwy S	1440	26 S6	80 oct. P-line S.
Harrison City (Pa)	1.1 NW;hwy S	1200	17	Poles NW.
Hartman (Harrisonburg,Va)	1 NW	1350	27 S6	80,91 oct. Rnwy data unver.
Herron (New Cumberland,W.Va)	4 NE;lake W	1250	17 S4	80 oct. Data unver.
Hinton (W.Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Springs, W. Va) (NC)	1 E;riv,RR S	1520	26	Hill W, E
HOOKSTON FM (Pa)	(- - - -)	308°,32	FM	Pittsburgh.
Huntingdon (Pa)	1 S;riv NE	620	20 S4	80 oct. P-line W.
Ingalls (Hot Springs, Va)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
(P) Johnstown (Pa)	4.7 E;hwy N	2282	45h S5	80,91 oct.
Keystone (Ebensburg, Pa)	3 SW;RR NW	2100	23 S4	87 oct. Obst sur fld.
Latrobe (Pa)	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg (Pa)	1.6 ESE;hwy W	960	30 S6	73 oct. P-line N,NE.
Lewis (Buckhannon, W.Va)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
Lexington (Va)	2.7 SW;hwy S	1200	17 S1	73 oct.P-line NE,SW.
(P) Louis Bennett (Weston,W.Va)	3.2 N;RR E	993	37	Hill S;pole line WNW.
LYNCHBURG Range (Preston Glenn)	206(LB)(116.1)	165°,1.9	SBRAZ-DTV	(4); 116.1 (Va)
Marlinton (W.Va)	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW.
MARTINSBURG Range (W.Va)	209(MR)(116.1)	35°,2.9	BMRLZ-DTV	(4); 116.1
Mayer (Pittsburgh, Pa)	10 WSW;RR S	770	16 S4	80 oct.P-line S.
Mexico Farms (Cumberland,Md)	3 S;RR E	630	36 S2	80 oct. Mtns E.
Moorefield (W.Va)	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
MORGANTOWN Range (W.Va)	269(MG)(116.1)	173°, 5.6	BMRLZ-DTV	(4); 116.1
(P) Morgantown (W.Va.)	2.2 ENE;hwy NW	1254	36h L3 S6	80,91 oct.
MT. PLEASANT FM (Pa)	(- -)	124°,24.7	FM	Pittsburgh
Narrows (Va)	1 E;RR S	1550	20 S2	Ltd 80 oct.Trees W.
NEW ALEXANDRIA FM (Pa)	(-)	85°, 30	FM	Pittsburgh
New Alexandria (Pa)	1.5 ENE;hwy N	1200	18 S4	80 oct. P-line N.
Orange Co. (Orange, Va)	4 E;hwy S		26 S2	80 oct. Data unver.
Petersburg Int,29,CC-WA(W. (W. Va)	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
PITTSBURGH Range (Pa) (Allegheny Co.)	254(PT)(116.1)	85°,2.2	SBRAZ-DTV	(3); 116.1
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct. (Pa)
Pittsburgh-Greensburg (Greensburg, Pa)	2.3 SE;hwy N	1280	26 L3 S6	80 oct.Twr W.No bndry lgts.
Pitt-Wilkins (Pitcairn,Pa)	1 NNW	1200	17 S2	80 oct.
PRESTON GLENN Tower (Va)	248		C	(4)
(P) [Preston Glenn](Lynchburg,Va)	6.7 SSW;RR SE	935	40h L5 S6	80, 91 oct.
Ridgeway (Bunker Hill,W.Va)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.P-line SSW
Romney (W.Va)	2.1 NNE;riv W	750	16 S2	80 oct.Mtns WNW,ESE,SSE
Ronceverte (W.Va)	2 N;hwy SE	2175	18 S2	80 oct.
Salix (Pa)	0.5 S;RR NW	2200	24 S4	80 oct.
Scott (Tiltonsville,Ohio)(NC)	1.5 SSW;riv E	650	25	
Shenandoah (Va)	0.5 SW;hwy W		19 S1	Data unver.
Somerset (Pa)	2 NNE;RR SE	2200	27 S4	80 oct.P-line W.
Star Valley Arpk (Charleroi,Pa)	2 S;RR W;riv E	765	25 S1	80 oct.Bldg S.Data unver.
Staunton (Va)	4.4 NE;RR NW	1300	26 S6	80,91 oct.P-line NNE.
Stokes (Front Royal, Va)	2.5 W;riv E	735	19 S2	80 oct. P-line S,E.
(P) Stultz (Altoona, Pa)	10.7 NNE;RR NW	970	30 S6	80,91 oct. P-line E.
SUMMERHILL FM (Pa)	(- - - -)	281°, 22	FM	Altoona
Sutton Int,21,CC-WA (W.Va)	3.8 ENE;RR W	1264	32 L3	
Timberlake (Lynchburg,Va)	9.5 SW;RR N	950	26	
Toronto (Ohio)	1.5 NW;riv E	1050	22	
(P) University of Va.(Charlottesville, Va)	5 ESE;riv E	300	35 S6	80,91 oct. Trees ESE
Valley (Waynesboro, Va)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy
Vandergrift (Pa)	2 WNW;RR E	1000	21 S2	73 oct.P-line NW,data unver
Weirton (Hollidays Cove,W.Va)	1.5 E	1144	16h S6	80 oct. Data unver.
(P) Wheeling Ohio Co. (W.Va)	7.5 NNE; r/c 2 W	1193	50h L5 S4	80,91 oct. Lgts prior req
Winchester (Va)	3 SSE;hwy E,S	700	22 S6	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALLEGHENY CO.			95°	IM-	MM-	OM-
				MMK-201 - - - -(0.80)		OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bedford, (Pa.)	5.2 N jct of hwys	1187	18 S4	Fuel,Data unver.
WHEELING Range(W.VA)	108.3(WN)		VARW	
Tyrone Speedway (Pa)	4.2 SW;riv S	965	23 S4	80 oct.Mt,S.Trees WSW, N,ENE

S-Simul. Range and Voice W-Without Voice Z-VHF Range Station Location Marker (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

→ NEW OR REVISED DATA (NC)-Not charted [Jones] Airline Stop

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

PITTSBURGH 65

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

R EXTREMELY HAZARDOUS B USABLE WITH CAUTION

BUFFALO 51

HEAVY LINES ON SIDES OF BARS IDENTIFY W-E QUADRANTS

PITTSBURGH 254 (116.1)
ALTOONA 338 (116.1)
CECIL 219
WHEELING (VHF) U-108.3
MORGANTOWN 269 (116.1)
ALLEGHENY CO. 278 (118.7, 126.18)
GREATER PITT. AAF 396 (126.18)
MARTINSBURG 209 (116.1)
ELKINS 281 (116.1)
FRONT ROYAL 359 (116.1)
GORDONSVILLE 388 (116.1)
LYNCHBURG 206 (116.1)
CHARLESTON 400
COLUMBUS 391
PRESTON GLENN 248 RC

HERRON · TORONTO · HOOKSTOWN · WEIRTON · MAYER · WELLSBURG · COLUMBUS · WHEELING-OHIO CO. · GLENDALE · GREEN CO. · CECIL · PITT-WILKINS · PITT. BETTIS · HARRISON CITY · ALLEGHENY VALLEY · LEECHBURG · VANDERGRIFT · NEW ALEXANDRIA · HAMILTON · STULTZ · TYRONE · SPDWY. · NORTH ALTOONA · HUNTINGDON · MT. UNION · KEYSTONE · CRESSON · SUMMERHILL · ALTOONA · NEW ALEXANDRIA · LATROBE · JOHNSTOWN · SALIX · BLAIR CO. · PITT.-GREENSBURG · BEDFORD · SOMERSET · MT. PLEASANT · STAR VALLEY · CONNELLSVILLE · FLINTSTONE · CUMBERLAND · MEXICO FARMS · MD · W. VA · PA · MD · FORMAN · PITTSBURGH · WASHINGTON · ELK GARDEN · BAKER · ROMNEY · RIDGEWAY · WINCHESTER · MOOREFIELD · SHENANDOAH · HARTMAN · LOUIS BENNETT · LEWIS · BENEDUM · SUTTON · ELKINS · PETERSBURG · STOKES · MARLINTON · STAUNTON · VALLEY · AUGUSTA · UNIV. OF VIRGINIA · ORANGE CO · GORDONSVILLE · INGALLS · COVINGTON · COVINGTON-CLIFTON FORGE · GREENBRIER AAF · RONCEVERTE · LEXINGTON · HINTON · JAMES RIVER · TIMBERLAKE · BUFORD'S · NARROWS

PITTSBURGH-WASHINGTON · PITTSBURGH-CINCINNATI · CINCINNATI-WASHINGTON · CINCINNATI-ATLANTA · OHIO · W. VA · VA

CHARLOTTE 95 · NORFOLK 97 · WASHINGTON 67 · COLUMBUS 63

TO LISBON · TO HERNDON · TO REMINGTON · TO DONCASTER · TO RICHMOND

STATUTE MILES · TO NEWARK

DELAWARE

FACILITY	ARPT LOCATION	BEAR & DIST ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
Bellanca (New Castle)	1.5 W	30	25h L1 S5	80,91 oct. Poles N.
Biggs (New Castle)	1 NW; riv SE	60	21 S2	80 oct. Riv S. NW.
Bridgeville	1.7 SE; hwy S, W	40	22 S6	80 oct. No sto. P-line
DOVER Tower				DECOMMISSIONED
Dover	1.4 ENE	34	19 S2	80 oct. P-line N.
Dover Arpk.	2.2 N; rd W	37	25 S2	80 oct.
(A) Dover AAF (A)	4 SE; hwy E	28	70h	TMP INACT. NO FACS
DuPont (Seaford) (NC)	0.8 WSW; RR NE	25	21	Poles NE. PRIV RST'D
DUPONT Tower	388		CI	3105, 3117.5, 5582.5 (8-20 daily except Sun.)
DuPont (Wilmington)	3 WNW; RR E	185	29 R1 L5 S6	80,91 oct. SW blkd.
(P) Georgetown	1.5 E; RR NW	51	50h	
Harrington	1.8 E; RR W	50	25 S2	80 oct.
Holly Brook (Laurel)	1.5 N; RR, hwy W	40	25 S1	80 oct. P-line SE
Laurel	1.5 SW; hwy E	30	19 S2	80,91 oct. Lgts on req.
NEW CASTLE Range	350 (NC)	19°, 2.8	MRLZ	Replies on twr freq ex -
NEW CASTLE Tower	219 (118.5)		CI	(4); 116.1, 118.5, 122.5
(NG) New Castle County (Wilmington)	4.8 SW; hwy SE	75	70h R2 L5 S1	73, 100 oct NG, emerg. repairs only for mil acft
Rehoboth Beach Aircrafters	2.5 W; hwy N	10	35 L S6	80,91 oct. Obsts sur fld. Port rnwy lgts.
Sussex (Frankford)	1.5 N; hwy W	30	20 S4	80 oct. Port flares on req.

DIST. OF COLUMBIA

WASHINGTON Range	332 (WA) (116.1)	25°, 0.9	SBRAZ-DTXV	(3); 116.1

MARYLAND

Aberdeen Arpk.	1 SW		21 S4	73, 100 oct. Data unver.
Aldino (Churchville)	2.2 NE; RR SE	400	20 S6	80 oct.
Andelot (Worton) (NC)	4 WNW; bay W	25	20	Trees N.
ANDREWS Range (Camp Springs)	248 (DCM)	10°, 1.2	MLZ	
ANNAPOLIS Tower (Seaplane)	2870 (142.74)		CN	3105, 2870, 6420; 142.74 (7-17)
Annapolis	2 SE		18h S4	80,91 oct. No sto. Data
BALTIMORE Range	257 (BO) (116.1)	12°, 2.4	BMRLZ-DTV	(3); 116.1 unver.
BALTIMORE Tower (NG) [Baltimore Mun.]	278 (118.9, 126.18)		C	(4); 118.9, 122.5, 126.18
	6 SE; RR NE Harbor S	14	46h R2 L5 S6	Ltd 100 oct, no maint NG. Rdo rqrd. Stacks
BELTSVILLE FM	(-)	41°, 17.6	FM	Washington, D.C. N, SE
CAP (Westminster)	2.6 N; hwy E	780	20 S4	80 oct. P-line E, NE
Delmarvia (Salisb'y)	2.8 NE; hwy W	45	21 S6	80 oct. P-line N, E, NE
Diffendahl (Baltimore)	11 ESE; riv S	20	23 S2	80 oct. Trees all appchs
Dixie (Annapolis)	10.7 W; riv SW	120	22 S4	80 oct. Hwy N, W.
(P) Easton	2.2 N; RR E	66	40h L S4	80 oct. No sto. Port lgts
(A) Edgewood Arsenal (A)	1.3 S	18	50h L5 S4	91,100 oct. No bcn. CLSD
Faybrook (Rock Hall)	1.5 NNW; bay W	20	14 S4	80 oct. Trees WNW, NNE
Frederick City	1.8 E; riv N, E	305	49	(Frederick)
Glenburnie-Whipp	1 E; hwy W	56	30 S6	80 oct. E, W clr. NW blkd.
Gill (Chestertown)	1.5 NNE; RR W	60	32 S2	80 oct. P-lines W, SW
Hagerstown	4.2 N; hwy E	700	39h L3 S6	80,91 oct. Lgts on req.
Hickman (Ocean City)	7.5 NW; riv S	15	25 S4	80,91 oct. Flares.
Kent (Worton)	1 N; RR S	60	23 S2	80 oct. on req.
Lee Annapolis (Annapolis)	4.8 WSW; hwy E	30	28 S1	73,91 oct. P-line ESE Rnwy data unver
MARTIN Tower	317		CI	(4) (8-sunset, Mon-Fri)
Martin (Baltimore)	10 E; RR N	18	70h R1	PRIVATE.
MEEKINS NECK FM (Navy)	(-)	57°, 16	FM	Patuxent River.
PATUXENT RIVER Navy Range	215 (NHK)	57°, 44	MRLZ-D	(3); 142.74
PATUXENT RIVER Tower	347 (142.74)		CN (GCA)	(3); 142.74
(N) Patuxent Riv. NAS (N)	2.9 NE Jarboes	38	97h R2 (L6) S4	91,100 oct. JP-1. NATS.
PHILLIPS Tower	215 (126.18)		CA	(3); 126.18 (8-18 Mon.-Fri. 8-1630 Sat & Sun)
(A) Phillips (Aberdeen)	3.2 S; RR W	57	50h R1 L5 S1	100 oct. CLOSED. (A)
Pimlico (Baltimore)	6 NW; hwy SW	449	32 S6	91,80 oct.
(N) Piney Point	0.8 WNW	10	14h S1	73 oct. Use rnwys only
Rutherford (Baltimore)	7 W; RR W	500	23 S6	80 oct. Twr N.
Salisbury	5.3 ESE	52	50h L5 S1	91 oct. Lgts prior req.
Shady Side (NC)	1.8 SSW	10	15	P-line SSW. RR W
Stevens (Frederick)	5.8 N; hwy E	440	28 S6	80 oct. NE blkd.
Taneytown	2.9 WNW	500	23 S4	80 oct. SW blkd.
Webb (Easton)	2.5 E	50	26 S6	80 oct. No sto. P-line S,
WEBSTER Tower	3345 (142.74)		CN	3105; 142.74 (24 hrs advance notice) SE

MARYLAND

FACILITY	FREQ., IDENT., ARPT LOCATION	BEAR & DIST ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
(N) Webster (Priest Point) (N)	1.5 W Ingoes	21	50h R1 S1	Ltd 100 oct. JP-1 on req

NEW JERSEY

Alexandria (Pittst'n)	2 WNW; lk NE	340	18 S4	80 oct. No sto. Trees
Buck's (Bridgeton)	3.7 NNE; RR S	100	18 S4	80 oct. P-line S, WENE
Greenwich	2.5 W; riv SW	30	21 S6	73, 80 oct. Trees N.
Kroelinger (Vineland)	2.5 NNW; RR E	100	19 S6	80 oct. P-line S, E
MILLVILLE Range	365 (NV) (116.1)	144°, 4.3	SBRA-DTV	(4); 116.1
(P) Millville	3.3 SW; lk N	68	50h R1 L5 S6	80,91 oct. Fld lgts on req
Penns Grove	3 SE; riv W	10	22 S2	73 oct. P-line W, SSW.
Salem	2 ESE; rd S	15	22	CLOSED.
Woodstown (Auburn)	1.5 SSE; RR E	100	20 S1	80 oct. P-line N, NE.

PENNSYLVANIA

[Allentown-Bethlehem] (Allentown)	4.6 NNE; RR NW	380	40h R1 L5 S6	80,91 oct. Use rnwys only. Fld lgts pri. req.
Berks (Reading)	4.5 NW; hwy SW	360	23 S4	80,91 oct. Hill NW.
Bethlehem-Easton (Easton)	4.5 SW; riv S	360	23 S6	80,91 oct. No sto. P-line sur fld.
BOOTHWYN FM	(- - -)	260°, 9.5	FM	Philadelphia.
Cargill (Granville)	1.5 SW; RR SE	490	20 S6	80 oct. Obsts sur fld.
CARLISLE FM	(- - - -)	284°, 18	FM	Harrisburg.
Carlisle	1.8 WSW; RR N	480	23 S2	80 oct.
Centerville (Carlisle)	11.3 SW; RR N	660	23	Trees E, NE. (NC)
Chambersburg	1.2 SSE; RR SW	650	22 S6	80 oct. E, W strip rough
Contesville	1.6 W; RR S	623	26 L1 S4	80 oct. Obsts sur fld.
Convair (Allentown)	3 SSW	399	40h	
Devener (Hanover)	2 NNE; hwy W	590	20 S6	73, 80 oct.
Doersom (Gettysb'g)	2.4 NW; RR N	590	19 S6	73 oct. Pwr line NE.
Estler (Mohrsville)	3.5 W; pond W	390	22 S6	Ltd 80 oct. Trees W.
Fogelsville	0.7 E; RR SE	460	22 S4	80 oct. No sto. P-line SW
Gettysburg	2.8 NNW	600	24 S3	80 oct. No sto. RR SW.
HARRISBURG Range	242 (HX) (116.1)	118°, 1.1	SBRAZ-DTV	(3); 116.1
HARRISBURG Tower (N) [Harrisburg State]	278		C	(4); 116.1, 122.5
	3.5 S; RR N	344	40h R2 L5 S4	80,91 oct. Svcg days
Hershey	1.1 NNW; RR S	415	21 S2	80,91 oct. [NATS
Kutztown	1.5 S; RR SE	400	25 S4	73 oct.
Lancaster	1.5 NNW; RR SW	320	26 S6	73, 80 oct. Pwr line W
Lancaster, 35, CO-PG	5.5 N; hwy W	385	27h L4 S4	80 oct. Poles S, WSW.
Layfield (New Hanover)	2 NE; hwy W	320	17 S6	80 oct. Trees NE.
Lebanon Co. (Myerstown)	1.8 W; hwy S	525	17 S5	80 oct.
Lewistown	4 SW; riv SE	560	20 S6	80 oct. P-line NW.
Madeira (Reading)	3.2 N; RR W	360	20 L S6	80 oct. Port flood lgts.
MIDDLETOWN FM	(- -)	118°, 9	FM	Harrisburg.
Millard (Annville)	1.5 SW	480	18h S5	80,91 oct.
(P) Mount Union	4 S; hwy E	560	30 S4	80,91 oct.
New Hanover	0.5 W; hwy SE	300	18 S2	80 oct.
OLMSTED Tower	323 (126.18) +		CA 45.05	(4); 126.18
(A) Olmsted (Middletown) (A)	1 W; RR N	300	50h R1 L5 S6	62-100 oct. JP-1. Poles N, NE. Riv S.
Penn-Harris (Harrisburg)	4 ESE; RR N	400	18 L S6	80,91 oct. Flood lgts.
PHILADELPHIA Rng (Southwest)	266 (PG) (116.1)	97°, 3	SBMRAZ-DTV	(4); 116.1
Philadelphia Main Line (Paoli)	2.8 WNW; hwy S	310	21 S4	No fuel. P-line ESE.
Pottstown	4.5 E; hwy N	311	30 S6	80 oct. Bldg NW.
(A) [Reading]	3 NW; riv E	342	52h L6 S6	80,91 oct. B-2 lgts prior req.
Reigel (Campbellt'n)	1 N; hwy N	475	20 S4	80 oct.
Schuylkill (Pottsv'l)	8.3 ESE; lk SE	510	29 L S6	80 oct. Port rnwy lgts. Hills E, NE, SW
SEVEN VALLEYS FM	(- - -)	172°, 25	FM	Harrisburg
Sky View Acres (Muncy)	1 E	510	24 S4	Data unver
Sunset Arwys (Chambersburg)	3.5 NNE; rd E, S	650	25 S1	80 oct. P-line E, NNW.
Swatara Valley	4 WSW; RR N	480	21 S4	80 oct. (Pine Grove)
Taylor (New Kingston)	0.5 SE; hwy N	440	28 S6	80 oct. P-line N.
Valley Arpk (York)	3 ENE; RR N	420	21 S6	80 oct. Poles SSE,
Waynesboro	3 SE; hwy N	700	20h S6	80 oct. [NNW.
West Chester	2.5 NE; lk S	470	32 S4	80 oct.
Womelsdorf	3 NW; hwy E	540	13 S1	73 oct.
York	8.3 WSW; RR E	500	19 L S6	73, 80 oct. Flood lgts. Pole N.

VIRGINIA

FACILITY	FREQ., IDENT., ARPT LOCATION	BEAR & DIST ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
ALEXANDRIA LFM	(- - -)	209°, 2.4	LFM	Washington, D.C.
ARCOLA Range	233 (EC)		SRAZ	(4)
Blue Ridge (Herndon)	4 WSW; hwy NE	280	30	P-line E.
Central (Richmond)	2.5 ENE; RR W	172	25 S6	80 oct. Poles WNW, SE.
CHESTER FM	(- -)	218°, 9.15	FM	Richmond
CHINCOTEAGUE Navy Range	227 (NKZ)	98°, 4.5	MRLZ	3105, 4495; 142.74 (V-7-24)
CHINCOTEAGUE Twr	3295 (142.74)		CN	(3); 142.74 (8-17)
(N) Chincoteague NAAS	4.5 WNW; hwy S	38	60h R2 L5 S4	100 oct. (N)
Currell's (Weems)	1 N; jct or rivs		17 S1	80 oct. P-line SE. Use strips only. Data unver.
DAHLGREN Tower	375 (142.74)		CN	(3); 142.74 (8-16 except
(N) Dahlgren NAF Proving Grnds. (N)	0.5 E	20	40h R1 L5 S2	100 oct. CLSD (Sun.)
DAWN FM	(- - - -)	3°, 25.1	FM	Richmond
Harcum (NC)	0.2 NW	85	40	Poles. Rnwy data unver.
Hermitage (Richm'd)	3.2 NNW; RR W	200	20 S6	80 oct. Trees, poles E, W
HERNDON FM	(- - - -)	317°, 21.8	FM	Washington, D.C.
Hummel (Greys Pt.)	3 NE Harmony	30	21	Obsts sur fld (NC)
Johnson (Ononcock)	1 ESE; RR E	35	22 S1	80 oct.
Kellam (Weirwood)	0.3 SW; RR E	15	20 S1	73 oct. Trees NE, SE.
Leesburg Arpk.	0.7 ESE	280	26 S6	80 oct. P-line NE.
Lively Int, 6, NW-WA	3.4 WSW; riv W	15	34 L3	35' trees, bldgs NW.
Manassas	2.7 NW; RR S	250	21	P-line SW, SSE
(P) Melfa Flgt Strip	1.3 W	48	70h	
Midway (Chester)	2 E; hwy S	178	26 S2	80 oct. 20-50' trees E
Milford Int, 49B, AG-LG	1.5 S; RR W			ABANDONED
MT. VERNON FM	(- - - -)	209°, 8.2	FM	Washington, D.C.
MT. VERNON H Fac.	269 (W)	209°, 8.2	FMHW	Cont. Washington, D.C.
Northfield (Richm'd)	3 N; hwy W	197	20 S4	80 oct.
Parksley	0.6 WNW	25	18 S4	80 oct.
QUANTICO Navy Range (MCAS)	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
RICHMOND Range (Bryd)	260 (RW) (116.1)	20°, 1.9	SBRAZ-DTV	(3): 116.1
RICHMOND Tower	See Byrd Fld under "New Facilities" - name changed			
(A) [Richmond AAB] (A)	See Byrd Fld under "New Facilities" - name changed			
Shannon (Fredericksburg)	1.6 SSE; riv E	50	23 S6	80 oct.
(A) Tappahannock Flgt Strip (A)	0.8 W	30	40h	8000' strip avail CLOSED.
(P) West Point	2.3 ESE	24	50h S4	80,91 oct. Riv SSW.
Zieger (Warrenton)	3.7 S; hwy NE	440	20 S4	80 oct. Hill W, NW.

WEST VIRGINIA

(P) Martinsburg	4 S; hwy W	550	50h R1 L5 S6	80,91,100 oct.
North End (Martinsburg)	2.5 NNE; RR W	515	28 S2	80 oct. Pole line S.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kc)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BYRD	109.9		63°	IM- •••••• (0.17)	MM- •-•- (0.90)	OM- -- (4.36)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Emmaus (Penna)	0.5 NW		20 S4	80 oct. Data unver.
Grimes (Bethel, Pa.)	1.7 ENE; hwy S	582	29 S6	80,91 oct. No sto. Mtn NE
(A) Byrd Fld (Richmond, Va)	7.3 ESE; RR S	167	50h R3 L5 S4	73,100 oct.
De Vries (Lewes, Del.)	1.3 NW, Bay N	10	20	P-line NE.
BYRD Tower (Richmond, Va)	396 (126.18, 118.7)		AC (ILS-W)	(4); 122.5, 118.7, 126.18
Phoenixville (Pa)	3 NE	300	24 S4	Data unver
Rock Hall (Md.)	2.4 NNE; hwy W	30	30 S4	80 oct.
Stowe-Pottstown (Pottstown, Pa)	1.7 NW	245	26 S6	80 oct. P-line S
Blackwood (N.J.)	0.5 ESE; hwy W	65	26 S4	80 oct. No sto. P-line N.
BRANDYWINE Range (Md.)	379 (BDW)		SMRLZ-D	N/S usable emerg.
Paoli-Malvern Arpk (Malvern, Pa)	1.3 SSE	460	24 S4	80 oct. Trees NE, SE, SW.
Pilot's Haven (Newark, Dela)	2.5 SE; RR E, W	63	22	Private. Brush NW.
Red Lion	1.2 N; hwy W	50	19 S4	80 oct. (St. Georges, Dela.)
Lovett (Elkton, Md)	3.1 NNE; RR 1 SE	140	22 S4	80 oct.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice, (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 127.65, 140.55 mcs. °Guarded only when associated tower

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized

A.C.S.: Scheduled broadcast on 4765 kcs (first figure is scheduled time, second alternate time)

WASHINGTON 67

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS
Ⓤ USABLE WITH CAUTION

SYRACUSE 53

HARRISBURG 242 (1161)
HARRISBURG STATE 278
OLMSTED AAF 396 (1261B)
NEW CASTLE CO. 219m 118.5m
DU PONT 388
PHILADELPHIA 266 (1161)
NEW CASTLE 350
PHILLIPS AAF 215 (1261B)
BALTIMORE 278 (1189, 1261B)
BALTIMORE 257 (1161)
MILLVILLE 365 (1181)
WASHINGTON 332 (1161)
ARCOLA 233
MCAS. QUANTICO 203
MARTINSBURG 209
BRANDYWINE 379
NAF. DAHLGREN 375 (14274)
BYRD 396 (1187 1261B)
RICHMOND 260 (1161)
NAF. ANNAPOLIS 287 (14274)
NAS. PATUXENT RIVER 215
NAS. PATUXENT RIVER 347 (14274)
NAAS. CHINCOTEAGUE 227
NAAS. CHINCOTEAGUE 329 (14274)
NORFOLK 97

FOR DETAILS IN THIS AREA SEE CHART 69
FOR DETAILS IN THIS AREA SEE CHART 89

NAS. PATUXENT RIVER APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.

HARRISBURG, MT UNION, CARLISLE, TAYLOR, CARLISLE, HERSHEY, MILLARD, REIGEL, MIDDLETOWN, LEBANON CO, PENN-HARRIS, WOMELSDORF, GRIMES, BERKS, SWATARA VALLEY, ESTLER, KUTZTOWN, SCHUYKILL, FOGELSVILLE, ALLENTOWN BETHLEHEM, CONVAR, EMMAUS, BETHLEHEM-EASTON, ALEXANDRIA, LAYFIELD, MADEIRA, NEW HANOVER, READING, STOWE-POTTSTOWN, POTTSTOWN, PHOENIXVILLE, LANCASTER MUN, MAIN LINE, W. CHESTER, COATESVILLE, LANCASTER, VALLEY, YORK, SEVEN VALLEYS, GETTYSBURG, DOERSON, N.Y. WASH, DEVENER, NEW FREEDOM, WAYNESBORO PA, MD, TANEYTOWN, HAGERSTOWN, NORTH END, MARTINSBURG, STEVENS, FREDERICK CITY, CAP. BASE NO 332, SUNSET AWYS, CHAMBERSBURG, LEWISTOWN, CARGILL, PHILIPSBURG, MILLVILLE, DOVER, DOVER AAF, SUNCLO, DOVER AIR PARK, HARRINGTON, DE VRIES, REHOBOTH, BRIDGEVILLE, GEORGETOWN, HOLLY BROOK, LAUREL, SUSSEX, DELMARVIA, SALISBURY, HICKMAN, WOODSTOWN, KROELINGER, BUCKS, GREENWICH, SMYRNA, SHALLCROSS, EDGEWOOD ARSENAL AAF, MARTIN, KENT, ROCK HALL, FAYBROOK, ABERDEEN, ALDINO, BELLANCA, BIGGS, PENNS GROVE, DOWNTOWN, LEE ANNAPOLIS, EASTON, WEBB, ANNAPOLIS, GLENBURNIE-WHIPP, HERNDON, BELTSVILLE, PIMLICO, RUTHERFORD, N. BALTIMORE, LISBON, PEL, CENTERVILLE, MARTLY, WEBSTER, PINEY POINT, DENKINS NECK, TAPPAHANNOCK, DAWN, LIVELY, CURRELLS, HUMMEL, WEST POINT, KELLAM, PARKSLEY, JOHNSON, MELFA, BLUE RIDGE, FRONT ROYAL, MANASSAS, ZIEGER, REMINGTON, GORDONSVILLE, SHANNON, NORTHFIELD, HERVITAGE, CENTRAL, MIDWAY, CHESTER, BLACKSTONE, DARLINGS, DONCASTER, MT VERNON, ALEXANDRIA, LANGLEY AAF, 10 NORFOLK, 10 NAS. NORFOLK

PITTSBURGH 65
NEW YORK 71
PHILA. NORTHEAST
BLUE MTN.
BLUE RIDGE
STATUTE 10 MILES 20 30

DIST. OF COLUMBIA

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANACOSTIA NAS Tower	396(142.74)		CN	(3);142.74(7-sunset & on req.)
BOLLING Tower	212(126.18, 137.88)+		CA	(3); 126.18,137.88
WASHINGTON Range	332(WA)(116.1)	25°, 0.9	SBRAZ-DTXV	(3); 116.1
Washington Nat'l, Tower	278 (126.18, 118.5, 118.1)		AC (ILS-W)	(4);118.5,126.18,122.5 (GCA test basis)

MARYLAND

ANDREWS Army Range	248(CW)	10°, 1.2	MLZ	
Andrews Tower	317 (126.18)+		CA(ILS-W)(GCA)	(3); 126.18
BELTSVILLE FM	(-)	41°, 17.6	FM	Washington, D.C.
DONCASTER FM	(. . - - -)	205°, 24.7	FM	Washington, D.C.

PENNSYLVANIA

BOOTHWYN FM	(- - -)	260°, 9.5	FM	Philadelphia
HOLMESBURG LFM	(- - -)	238°, 6.5	LFM	NE Philadelphia
JOHNSVILLE Tower	284(142.74)		CN	3105 cont.;4495,6210;116.1, 126.18,140.58,142.74 on req. (8-1/2 hr. past sunset)
MUSTIN NAAF Tower	251 (126.18, 142.74)		CN	(3); 126.18,142.74 (7-sunset, other hrs. on req.)
PHILADELPHIA SW Range	266(PG)(116.1)	97°, 3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia SW Tower	278 (118.1)		C (ILS-W)	(4); 118.1
Philadelphia NE Range	371 (NF)	238°, 2.8	MLWZ-DT	
Philadelphia NE Tower	212		CI	(4)
WILLOW GROVE Navy Range	391 (NXX)	241°, 3.35	MRLZ	(3); 142.74
Willow Grove NAS Tower	356 (142.74)		CN	(3); 142.74 (days only except on 1 hr's advance notice)
WINGS Tower	278		CI	3105 (9-17)

VIRGINIA

ALEXANDRIA LFM	(- - -)	209°, 2.4	LFM	Washington, D.C.
HERNDON FM	(- - - -)	317°, 21.8	FM	Washington, D.C.
MOUNT VERNON H Fac	269 (W)	209°, 8.2	FMHW	(Cont.) Washington, D.C.
MOUNT VERNON FM	(. . - - -)	209°, 8.2	FM	Washington, D.C.
QUANTICO Navy Range	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
Quantico MCAS Tower	3295 (142.74)		CN	(3); 142.74

NEW RADIO FACILITIES

BRANDYWINE Range (Md.)	379(BDW)		SMRLZ-D	

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ANDREWS (A)	110.3	335	10°	IM- (0.05)	MM- (1.20)	OM-
					MMK-379	OMK
PHILADELPHIA SW	109.9	333.8	85°	IM-	MM- (0.66)	OM- (5.65)
					MMK-	OMK-230
WASHINGTON	109.9	333.8	360°	IM- (0.03)	MM-	OM- (3.60)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range/Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — DIST. OF COLUMBIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Anacostia NAS (Washington) (N)	2.4 SE of Monument	8	50h R1 L5 S4	100 oct. No bcn.
(A) Bolling (Washington) (A)	3 SSE of Monument	20	60h R1 L5 S6	73,100 oct. Ridge E.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct. JP-1 on req. FOREIGN CLEAR. STN. NATS

MARYLAND

(A) Andrews (Camp Springs)(A)	1.5 E	279	55h R3 (L6) S4	80, 100 oct. JP-1.
(N) Beltsville OLF (N)	5 ESE	180	44h	
Capital (Berwyn)	2 NW; RR E	70	20 S4	80 oct. Pole line S.
College Park	8.5 NE of D.C.	50	22 S6	80,91 oct. S,NW blkd. RR NW
Columbia Air Ctr. (Croom)	3 E; RR W	40	20	Trees N, NNW.
Congressional (Rockville)	2 SSE; hwy E	450	33 S6	80 oct. Pole line E, NE. Allway fld.
Curtis (Brandywine)(NC)	3 SSW; RR E	200	18	Pole line N, W.
Erco (Riverdale)	0.4 NE; RR W	50	15h S2	80 oct. Closed. 2800' rnwy avail
(A) Fort Meade (A)	0.5 NE ctr of reservation	180	19h S1	80 oct.

MARYLAND

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Hyde (Clinton)	2 WSW	249	32h S6	80, 91 oct. Port flood lgts on req
Maryland (Pomonkey)	0.2 S; RR S	170	32 S6	80,91 oct. SSE blkd.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct. NE blkd. P-line SE.
Schrom (Greenbelt)	0.3 SW; hwy W	177	50h L S6	80,91 oct. Floodlgts on req. SSE-blkd.

NEW JERSEY

Almonesson	0.6 NNW	50	18 S6	73 oct. Pole line NNE, SSE.
Bridgeport	0.8 ESE; RR N	23	18 S4	80 oct.
Burlington Airpark	1.7 ENE; hwy NNW	30	24 S4	80,91 oct. P-line E,SSE,NNW
Central (Camden)	1.8 E; riv S,W	20	25h L4 S5	80,91 oct.
Echelon (Ashland)	0.5 SE; RR W	100	27 S6	80, 91 oct. Pole line NW.
Marlton-Medford Inc. (Marlton)	1.5 ENE	80	30 S2	80 oct.
Mercer County, new (Trenton)	5 NW; RR SE	211	40h	
Mercer County, old (Trenton)	5.8 NW; RR E	200	25 S1	73, 80, 91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35 S6	80 oct. No sto. Obsts sur fld.
Moorestown	1 NNE; RR S	70	18 L S4	80,91 oct. Port rnwy lgts on req.
Pitman	1.6 NNW; RR E	100	17 S6	80 oct. Pole line S, SSW.
Triangle (Glassboro)	4.3 ENE	150	18 S2	80 oct. Pole line SW.

PENNSYLVANIA

Benedict (Chester)	6.5 W	400	26 S2	80 oct. Data unver.
Boulevard (Philadelphia)	12 NE; RR SW	160	22 S4	80 oct. Obsts sur fld.
Buckman (Chester)	2.3 WSW; RR NW	90	20 S4	80 oct. No sto.
Budd (Philadelphia)	13 NE; RR N	240	44h	Trees E,W.
Doylestown	1.5 NNE; RR SW	400	22 S6	80 oct.
Gloster (Montgomeryville)	0.7 SE; hwy W	460	22 S1	80 oct. Pole line SE,S,W.
Grants (Quakertown)	4 WNW; hwy E	600	18 S6	80 oct.
(N) Johnsville (N)	0.5 N; RR E	366	46h R1 S1	91,100 oct. P-line W,NW.
Kaiser (Bristol)	2 N; riv SE	35	38h	Pole line SW. RESTRICTED.
Lansdale	1.6 ESE	450	29 S6	80,91 oct. P-line N,NE,E,S,W.
Morrisville	1.6 W; riv E	180	24 S6	80 oct. P-line NE,E,SE,SW,W,NW
(N) Mustin NAAS (Philadelphia) (N)	4 S; riv S	16	48h R1 L5 S6	100 oct. Pole line NE.
Old Star (Langhorne)	2.4 E; RR N	180	24 S5	80 oct. No sto. Poles N, S.
Patco (Norristown)	2.5 SE; bet RRs	200	19 S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE; rds NE	280	32 S5	80 oct. P-line N,NE,E,SE.
(P) Philadelphia Northeast	12.2 NE; hwy W	106	50h R3 L5 S1	80,91 oct.
PHILADELPHIA SOUTHWEST	6.5 SW; riv SW	10	54h R3 L6 S6	82,91 oct. Rdo rec rqrd.
Quakertown	2 W; hwy E	520	21 S4	80 oct. No sto.
Somerton (Philadelphia)	14 NE; RR N,E	200	25 S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW; riv NW	250	24 S6	80 oct. Riv SE.
(N) Willow Grove NAS (N) NATS	4 NNW; hwy E	369	40h R2 L5 S4	91,100 oct. No sto.
Wings (Ambler)	3 WSW; rds E,W	350	25 R1 S6	80,91 oct. Trees N,S.

VIRGINIA

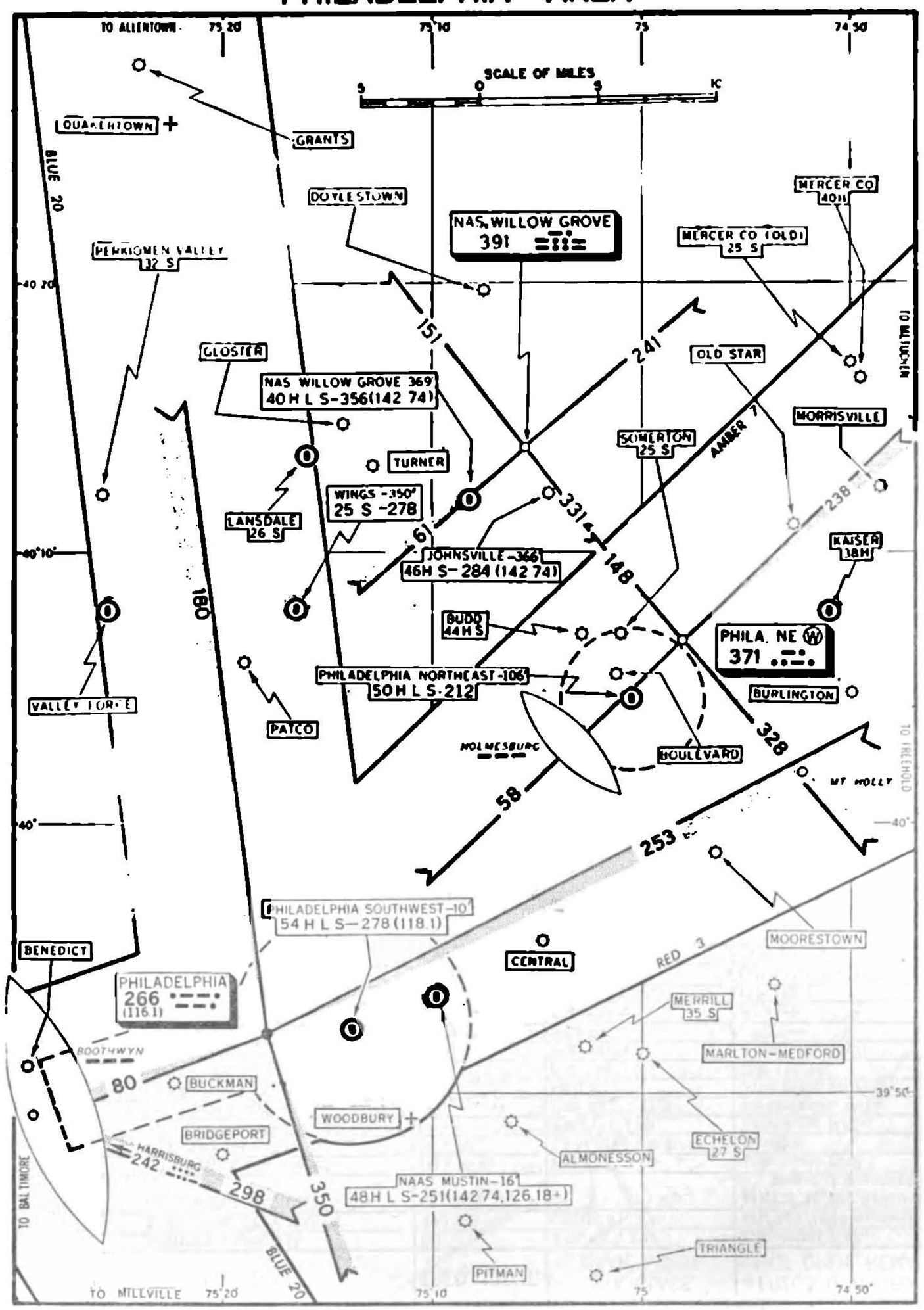
Beacon (Alexandria)	3 SSW; hwy E	240	24 L1 S6	80 oct. No sto. Pole line S.
Crossroads (Alexandria)	4.5 NW; RR E	250	20 S1	Ltd 80 oct.
Falls Church Airpark	1.9 SW	350	26 S6	No sto. Data unver.
Hybla Valley (Alexandria)	See Alexandria under "New Airports" - name changed.			
(N) Quantico MCAS (N)	1.2 SSW; RR W	10	42h R2 L5 S6	73,91,100 oct.
Springfield (Annandale)	3.5 SSE; RR E,N	240	20 S4	80 oct. No sto. Obsts sur fld.

NEW AIRPORTS

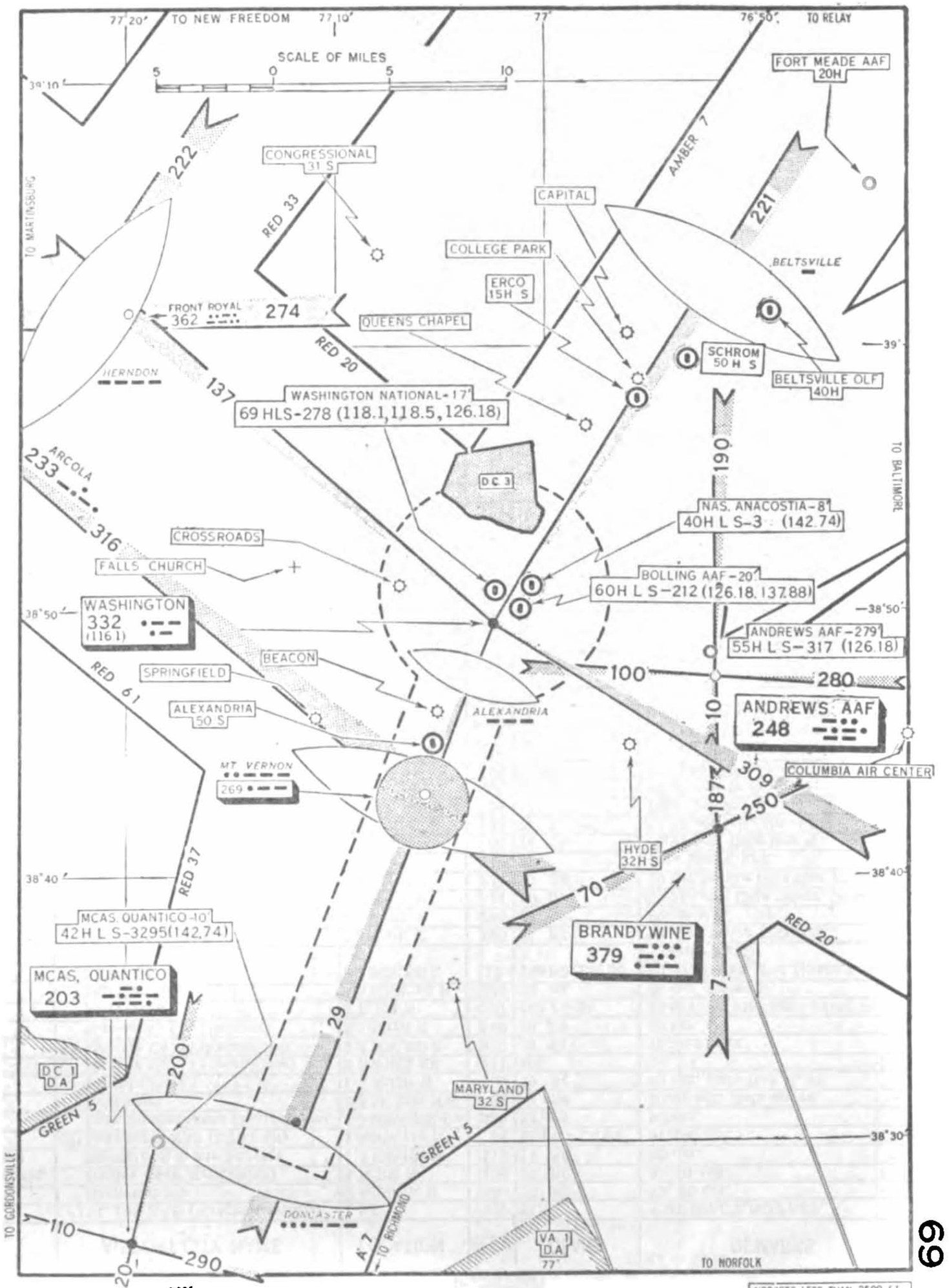
Woodbury (N.J.)	2 S		20 S4	80 oct. Data Unver.
Alexandria, (Va.)	4.5 SSW; hwy E	66	50 S6	80 oct. Trees, pole lines surfield.
Turner (Lansdale, Pa.)	4.2 ESE	375	19 S6	80 oct.
Worth (Florence, N.J.)	1 SE; riv N	50	24 S4	80 oct. P-line WSW, NW. Trees S.
Mt Holly (N.J.)	1 N; rd N	70	22 S1	80 oct. Use strips only.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC (not charted). → NEW OR REVISED DATA

PHILADELPHIA AREA



WASHINGTON AREA



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
(R) EXTREMELY HAZARDOUS

NOTE
[illegible]

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS [illegible]

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
NEW JERSEY			
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
ATLANTIC CITY NAS	275(142.74)	CN(GCA)	(3); 142.74 (8-sunset)
CALDWELL-WRIGHT	254 (126.18)	CI	(4);126.18,122.5 (830-sunset, Mon-Sat,9-sunset Sun)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 222°, 47.5	La Guardia, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. . - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV;58°,1.0	(3); 116.1
Newark Airport	278(126.18,118.3)	AC(ILS-W)	(4); 122.5,126.18,118.3
TETERBORO (Bendix)	326	CI	3105,6210,3117.5;122.5
NEW YORK			
➤ CLASON POINT LFM			DECOMMISSIONED
➤ FLATBUSH	353 (F)	FMHW;222°,16.1	(Cont.) La Guardia
FLATBUSH FM	(- - -)	FM, 222°,16.1	La Guardia
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	388(142.74)	CN(GCA):122°,1.9	(3);142.74 (8-17)
➤ Floyd Bennett Fld NAS	532(NSC)	MHW;122°,3.0	(Cont. (Floyd Bennett)
GRUMMAN (Bethpage,L.I.)	323	CI	(8-1630,Mon.-Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°,2.3	
LA GUARDIA (New York)	209(LG)(116.1)	SBRAZ-DTXV;222°,3.2	(3);116.1
La Guardia Field	362(126.18 ·118.1,118.7	AC (ILS-W)	(4);126.18,118.1,118.7,122.5, & airline freqs.
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays)
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAZ-DT;301°,3.2	(3)
Mitchel Field	396(126.18) +	CA(ILS-W)(GCA)	(3);126.18(approach control)
➤ NEW YORK (La Guardia)			DECOMMISSIONED
NEW ROCHELLE FM	(-)	FM, 42°, 5.6	La Guardia
➤ NEW ROCHELLE	275 (R)	FMHW;42°,5.6	(Cont.) La Guardia
PORT CHESTER FM	(· - ·)	FM; 42°, 16.5	La Guardia
REPUBLIC FIELD(Farmingdale)	371	CI	(3) (days only)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5.0	Floyd Bennett
PENNSYLVANIA			
PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.8	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LA GUARDIA	109.9	333.8	44°	IM- ····· (0.04)	MM- ·-·- (0.81)	OM- --(4.49)
					MMK-233 --·	OMK 317 ·--·
MITCHEL(L6)(A)	110.3	335	301°	IM- (0.04)	MM- ····· (0.87)	OM- --(4.14)
					MMK-257 --	OMK-272 ·--
NEWARK (L6)	110.3	335	58°	IM-	MM- ·-·- (0.61)	OM- -- (4.64)
					MMK-291 ·---	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NEW JERSEY				
➤ Aero-Marine Terminal (Keyport)	1 NE;RR S			ABANDONED.
Acft.Radio Corporation (Boonton)	2.6 N;riv S	550	32	Poles N,E.PRIVATE.
Asbury Park Air Terminal	4.5 W;rd N	100	21 S4	80 oct, 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	91,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N,E	100	20 S4	80 oct. Pole line NNE.No sto.
Clarke (Ocean City)	2.8 SW;RR SE	8	23	
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	
Downstown (Landisville)	1.8 WNW;RR S	120	23 S1	80 oct. Pole line N.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.Rnwy data unver.
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.
Hackettstown	2 SSW;RR N	560	30 S2	73, 80 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80,91 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S4	91,100 oct.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.5 SE;lake NW	26	S4	80,91 oct. Data unver.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	40h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;rd E	180	30 S5	80 oct.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto. Lgts prior req.
Murchio (Paterson)	4.5 WNW;rd N	350	32 S4	80 oct, Trees N.
(A) NEWARK	3.5 SSE;RR E	18	79h R3 (L6) S6	80,91,100 oct.JP-1.No sto.2-way rdo rqrd. FEE
North Brunswick	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.5 W;RR S	380	19	Poles N,S.
Ocean Co. (Adamston) (NC)	1 SW;riv N	14	30 S6	80,91 oct. Data unver.Obsts sur fld
Pennington	2 ESE;RR W	230	20 S6	80 oct.No sto.Pole line ESE.
Princeton	3 N;riv E	160	27	Pole line E,ESE.
Red Bank	1 S;RR E	80	25 S6	80,91 oct. Pole line W.
Shinn-Woodbridge (Woodbridge)	3.9 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;RR W	20	19	Pole line WNW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	50 L S6	80,91 oct. Data unver.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on
Trenton (NC)	6 NE;RR 1 SE	70	15	Restricted to USFS. req.Rnwy data unver.
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h	Obsts S,
(P) Woodbine	2 SE	39	25h	Trees sur fld. At jct of RRs.
NEW YORK				
Bender's-Brentwood (Brentwood)	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)(N)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. NATS
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	119	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
(P) Mastic Flight Strip	2.6 NW	66	40h	
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	85	54h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN
Nassau (Hempstead) (NC)	4.5 E;hwy N	80	21	CLEAR. STN.
Republic (Farmingdale)	1.3 ENE;RR N	82	66h R1	NE blckd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.
PENNSYLVANIA				
Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.
NEW AIRPORTS				
Aviation Country Club (Hicksville)(N.Y.)	2 S;hwy S	104	24 S6	80,91 oct.
Nassau Arpk(Clarksville,N.J.)	1 NE;RR SE	80	30 S4	80 oct.
Toms River, (N.J.)	1.5 NNE		19 S2	80 oct.Water tanks S.Data unver.
Worth (Florence,N.J.)	1 SE;riv N	50	24 S4	80 oct.P-line WSW,NW.Trees S.
Mt Holly (N.J.)	1 N;rd N	70	22 S1	80 oct.Use strip only.
Buehl (Philadelphia,Pa)	18 NE;RR SE	110	24 S4	80 oct.Data unver.
General Motors (Linden,N.J.)	1 SE	23	42h	CLOSED.W,E,S,NW less than 10-1.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S servicing. (See page XIII) NC-(not charted). ➤ NEW OR REVISED DATA

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓤ : USABLE WITH CAUTION

LAKE SUSQUEHANNA
TRINCA
ALLENTOWN 320
RED 33
TO BRANCHVILLE
3000
RED 2
AIRCRAFT RADIO CORP
LINCOLN PARK
MURCHIO
CALDWELL-WRIGHT 254 KC 126.18 MC
TETERBORO 326 KC
NEW HACKENSACK 236
PATTERSON
NEW ROCHELLE 275
TO HARTFORD
FORT CHESTER 16
STEWART 236
BRIDGEPORT 221
ALBANY 55
TO BELFAST
HACKETTSTOWN
E. HANOVER
MORRISTOWN
RED 21
4000
LA GUARDIA 362 KC 118.1, 118.7, 126.18 MC
YONKERS
LITTLE FERRY
NEW ROCHELLE
GLENCOVE
HUNTINGTON
ST JAMES
SALEM
AVIATION COUNTRY CLUB
HICKSVILLE
GRUMMAN 123 KC
LA GUARDIA 209 (116.1)
CARLL
MACARTHUR 278
MASTIC
SYRACUSE 53
NEWARK 341 (116.1)
NEWARK 278 KC 118.3, 126.18 MC
HOLMES 233
FLUSHING
CREAT NECK
ROOSEVELT
REPUBLIC 371 KC
ZAHNS
FITZMAURICE
MITCHEL AAF 396 KC 126.18 MC
MASPETH 317
SOMERSET HILLS
LEBANON 32
WESTFIELD
ELIZABETH
FLATBUSH 16
NW JERSEY
ALLENTOWN 320
SOMERSET
SHINN-WOODBRIDGE
FLATBUSH 353
COLUMBIA
IDLEWILD (W) 248
MITCHEL AAF 227
NEW YORK
ROCKAWAY
GENERAL MOTORS
CONEY ISLAND
HUGHES
SOLBERG-HUNTERDON
HADLEY
GREEN 3
STATEN IS.
FLOYD BENNETT 379
NAS. FLOYD BENNETT 532
MITCHEL
LONG BEACH
WASHINGTON 67
NO BRUNSWICK
METUCHEN 13
PRINCETON
YELLOW BLUE
MATAWAN (W) (VHF) 108.7
NAS. FLOYD BENNETT 388 KC 142.74 MC
AMBROSE
PENNINGTON
RED BANK
MERCER CO
NASSAU
MERCER CO. (OLD)
AMBER 7
FREEHOLD 48
HIGHTSTOWN
ASBURY PARK
BLUE 18
MONMOUTH CO.
OLD STAR
MORRISVILLE
SKYHAVEN
PHILA. NE (W) 371
KAISER
WORTH
BURLINGTON
ASBURY PARK 20
CA
LAKEWOOD
RED 3
PHILADELPHIA 266
MT. HOLLY
MT. HOLLY
FORT DIX AAB
CASSVILLE 3
NAS. LAKEHURST 3295 KC 142.74 MC
FORKED RIVER
TOMS RIVER
MOORESTOWN
NAS. LAKEHURST 520
MILLVILLE 365
GREEN 5
EXTENSIVE FLEET, AIR OPERATIONS IN OFF-SHORE AREA TO APPROX. 100 MI. SEAWARD. N. BOUND. U.S.-CANADIAN BORDER. S. BOUND. LAT. 35-00
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.
REMAIN ABOVE 3000' NEAR LAKEHURST. ALSO BETWEEN THE NAS AND COAST (INTENSIVE AIRSHIP ACTIVITIES) UNLESS APPROVED BY THE NEW YORK CENTER
ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA

SOUTHERN NEW JERSEY

N. Y. OCEANIC ATC
WASH. OCEANIC ATC
NAS. ATLANTIC CITY 275 KC 142.74 MC
DOWNSTOWN
CAVOLI'S
ATLANTIC CITY
WOODBINE
SMITH
WILDWOOD
CGAS CAPE MAY
N. Y.
WASH.
CAPE MAY
SCALE OF MILES
10 0 10 20 30

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT;210°,4.7	(3);4220.126.18
→ Fairfield-Suisun AAF (Army)	350(126.18)	CA(ILS-W)(GCA)	(4); 4220;126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ:160°.2.1	
Hamilton Field	219 (126.18)+	CA◆ :53.13	(3);126.18.4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA	(3); 126.18
Mather Army (H fac.)	476 (DIM)	H ; 216°,0.8	
McCLELLAN (Sacramento)	396 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV,199°,0.2	(4);116.1.122.1
SACRAMENTO	236(SZ)(116.1)	SBMRAZ-DTV	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);122.5
→ SALINAS	266(SB)(vhf)	BMRL-DTV;310°,2.4	(4);116.1,122.1
SAN FRANCISCO	227 (SF)	SBMRLZ-DT,291°,3.6	(3)
→ SANTA ROSA NAAS			DECOMMISSIONED
SAUSALITO FM	(- - - -)	FM, 278°, 17.5	Oakland
STOCKTON	212(JW)(vhf)	BMRL-DTV;285°,3.1	(4);116.1,122.1
NEW RADIO FACILITIES			
→ SALINAS	109.1(SB)(vhf)	BVAR	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ FAIRFIELD-SUISUN(L6)(A)	110.3 "IE"	335	210°	IM- (0.3)	MM- ••••• (1.13)	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
American Legion(Salinas)	1.8 NNW	75	31	CLOSED.White crosses mark ends landing areas.
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg (Clarksburg)	2.4 NNE,riv SE	15	25 S6	80 oct.No sto.Power line E.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.
→ Carmel Valley	12.5 ESE,riv S	450	19 S2	80 oct.
(N) Cotati OLF (N)	1.5 N,RR E	94	40h	Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	CLOSED
Dos Palos	1.6 S,RR W	146	29 S6	80,91 oct.No sto.Pole line S.
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.No sto.
Fairfield-Suisun	1 E,RR N	7	30 S5	80 oct.Poles N,S.
(A) Fairfield-Suisun AAF (A)	5.5 NE	58	81h R3(L6)S4	73,100 oct.FOREIGN CLEAR STN.
(A) Franklin (A)	5.5 SSE; riv E	21	40h	CLOSED
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	16 S4	80 oct.No sto.
King City	1.5 NNE,RR W	360	46h S5	80,91 oct.
(P) Kingsbury (Lodi)	6 WSW; RR NE	15	40h	
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Lincoln (Sacramento)	3.2 WNW,RR NE	120	40h	
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.No sto.Poles E.
Lodi Airpark	4.5 SW,RR W	25	28 S6	80 oct. Hwy E.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
→ Marin County Inc. (San Rafael)	2.9 NNE;bay E	2	22 S6	80 oct. Use N pattern.
Martinez	0.8 N,RR S	6	20 S6	80 oct.Hill WSW.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	87	75h R2 L5 S6	91,100 oct. No sto. TEMP INACT NAVY FAC.
MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. Lgts prior req.
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L2 S1	80,91 oct.Lgts prior req NO
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
Napa Sky Ranch (Napa)	2.2 NNW,RR W	75	20 S6	80, 91 oct. Hwy W Flares req.
(A) New Jerusalem(Tracy)(A)	8 ESE	56	40h	River E. CLOSED prior req.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	20 S1	80 oct.Pole line WNW.
Orange Bros. (Stockton)	5 N	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	15 S4	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct. Pole line E.
(P) Salinas	2.5 SE,RR SW	84	50h R1 L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E,RR W	96	24 S1	80 oct.
(P) Santa Rosa	See Sonoma Co. under "New Airports" - name changed.			
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h	INACTIVE.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S5	80,91 oct.Port rnwy lgts.Pole
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct. line SE.
State Forestry(Davis)(NC)	3 E,hwy N	228	26	Power line W.
(P) Stockton	4 SSE,RR W,SW	27	45h R1 L5 S6	80, 91, 100 oct.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW,RR E	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct.
→ Valley (Morgan Hill)	1.2 S,hwy E	340	17 S1	80 oct.Pwr pole SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
→ Watsonville #2	3.8 SSW;hwy E	125	23h	
West Lane(Stockton)	4.1 N,RR W	25	25 S1	73, 80 oct.
(A) Winters Flight Strip(Davis)	6.2 WNW,hwy W	97	60h	CLOSED (A)
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S4	80 oct.No sto.Port rnwy lgts.Poles E.
NEW AIRPORTS				
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5.3 N;hwy E		21h S2	80,91 oct.
Turlock, (Calif.)	4 WSW;RR N	100	18 S1	80 oct.
Turlock Arpk, (Calif.)	1.5 SSE;hwy E	95	15 S2	73,80 oct.
(P) Sonoma Co. (Calif.)	7 NW;RR E	118	45h L5 S6	80,91,100 oct.Lgts on req.
Dixon (Calif.)	1.8 NNE;hwy NW	65	21 S2	80 oct.P-line N.Soft when wet.
Southampton Bay Air Harbor (Benecia,Calif.)	2.9 WNW;hwy E	10	24 S3	80 oct.Wires SSE.Soft when wet.
Fair Oaks Sky Nook(Fair Oaks,Calif.)	2.3 S;hwy,RR E	70	21 S4	80,91 oct.ENE blkd.
Gilroy (Calif.)	2 NW;rd E,N	240	25 S2	80 oct.NE,E,SE blkd.
San Ardo (Calif.)	0.6 NW;riv W	450	14	PRIVATE

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

SAN FRANCISCO

ALL FACILITIES IN OAKLAND FLIGHT ADVISORY AREA

MEDFORD 19

MODESTO 39

MOTHER LODE

FRESNO 77

SANTA BARBARA 75

FOR DETAILS IN THE SAN FRANCISCO AREA SEE CHART 75

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

NOTE: HEAVY LINES OR SIDES OF BLOCK LEGS INDICATE 'B' BOUNDARIES.

AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS. CARRY NO CLASS OR AIRPORT SOA

SCALE OF MILES

10 0 10 20 30

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C (ILS-W)	(4);126.18,118.5,122.5
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS(Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
MT.VIEW(Navy)(Moffett NAS)	323 (NUC)	BMRLZ; 320°, 1.9	(3);126.18, 142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
→ NEWARK	371 (O)	FMHW;123°,16.0	(Cont.) Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV	(4);116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4):126.18,118.7,122.5
PASO ROBLES	(108.7) (OB)	VARW	
POINT MUGU NAMTC	3295(142,74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227 (SF)	SBMRLZ-DT	(3)
San Francisco Airport	269(126.18,118.9)	AC;291°,3.6	(4);126.18,118.9,122.5
→ SAN FRANCISCO GAP	356 (F)	MHW;285°,10.0	(Cont.) San Francisco
SANTA BARBARA	(108.3)(OY)	VARW	
→ SANTA BARBARA	320(OY)(116.1)	BMRLZ-DTV	(4)
→ Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,126,18,122.5,142.74
SAUSALITO FM	(- - - -)	FM; 278°, 17.5	Oakland (6-22)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-		MM- • — • — (0.62)	OM- — — (4.71)
						MMK-	OMK-
OAKLAND	109.9 — —	333.8	274°	IM- ····· (0.12)		MM-	OM- — — (2.00)
						MMK-	OMK-
				IM-		MM-	OM-
						MMK-	OMK-
				IM-		MM-	OM-
						MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto. NATS
(A) Allen (Taft)(A)	26 ESE	500	31h	CLOSED
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 L5 S6	80 oct.No bcn.P-line N.Lgts avail. 1 hr after dark.
→ Belmont	0.5 N,RR W	5	30 S6	80,91 oct.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
Concord	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	See Buchanan,Calif. under "New Arpts"-name changed			
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft) AAF (A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay(A)	5.5 NW;hwy E	36	50h	CLOSED Lgts prior req.
→ Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W.
(P) Hayward	2 WSW,RR W	25	55h S6	80,91 oct.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
				prior req.
La Cresta (Bakersfield)	2.5 NE,riv N	660	36h L S6	80,91 oct.Data unver. Flare pots
→ (N) Livermore OLF	3.7 E,RR N	626	43h	INACTIVE.
(N) Livermore Sky Ranch	2 WNW,hwy E	448	40 L2	
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	CLOSED

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data

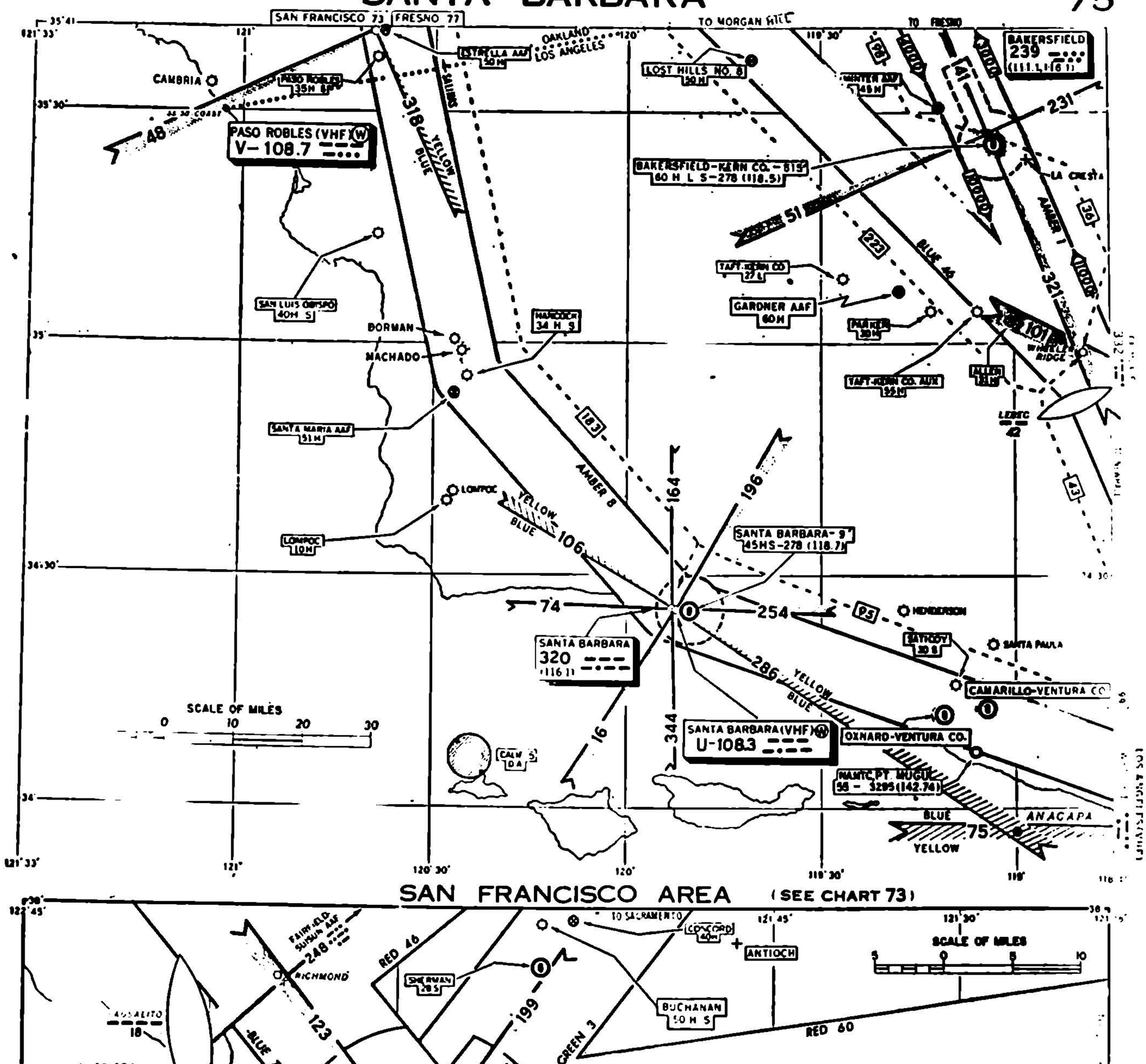
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	70h R2 (L5) S4	91,100 oct.No sto. NATS
Mountain View	2.2 NW,RR W	57	28 S2	80 oct.
(N) Oakland (NAS)	5 S,RR SE	5	62h R3 L6 S6	73,80,91,100 oct.2-way rdo req.NATS
(P) Oxnard Flight Strip	See Camarillo-Ventura Co. under "New Airports" - name changed.			(Hospital)
→ Palo Alto	2 ENE,bay E	5	23 S6	80,91 oct. P-line NW,S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct. Naval Air Missile
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED Test Center
Reid-Hillview (San Jose)	4 E,hwy N	140	27 L3 S6	80,91 oct.No sto.or bcn.Poles N,S.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	80h R2 L5 S1	80,100 oct.No sto.Rdo req.
San Jose City (San Jose)	2 NW;RR SW	70	18 S6	91 oct.No sto.Pwr line S.
(P) San Luis Obispo	2 SSE;hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W. P-line SE
San Ramon	2.5 SE;Crk W	440	22 S1	80,91 oct. P-line SE
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S,obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	No lgts after 10 p.m.
Santa Paula	0.8 S;riv S	240	22 L S6	80 oct.Port.strip lgts prior req.
Saticoy	1.5 S;RR N	80	30 S1	80,91 oct.No sto.Trees NE.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
→ Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
(P) Tracy,mun	3.5 SSW;hwy NW	190	40h	
Ventura County (Oxnard)	See Oxnard-Ventura Co. under "New Airports" - name changed.			
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	29 S6	91,80 oct.No sto.

NEW AIRPORTS

Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
Cooley (San Carlos)	2.9 NNW;RR S	6	21 S6	80,91 oct. Hwy SW.
Machado (Santa Maria)	2.2 N;RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E; road SW	125	26 S4	91 oct.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h S6	80,91,100 oct.
Buchanan (Concord,Calif.)	1.5 NW;hwy N,S	22	50h	80,91 oct. Port lgts. Lgts prior req.
(P) Camarillo-Ventura Co (Calif)	5.5 E;RR S	84	50h	
Oxnard-Ventura Co. (Calif)	1 W;hwy E	44	46h L5 S6	80,91 oct.Lgts to 8:15 on req.
San Francisco Bay (San Rafael,Calif.)	1 E;hwy S		20 S2	Fuel.Data unver.
Center(Centerville,Calif.)	2.1 SSE	62	26 S6	80 oct.Wire WNW

SANTA BARBARA



LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE OLF (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°,1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C(ILS-W)	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116.1
FRESNO (Fresno-Chandler)	344(FT)(116.1)	SBRAZ-DTV;23°,0.9	(4);116.1
→ MOJAVE NAS			DECOMMISSIONED
TRONA	323 (EW)	SBRAWZ; 349°, 11	
→ FALLON (OLF)	230 (VA)	SBRAWZ; 219°, 2.9	
→ GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4) (8-16 Mon.,Tues,Thurs,Fri; 6-20 Wed,Sat,Sun.)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SRAWZ;108°,2.6	
WADSWORTH FM	(-)	FM, 48°, 27	Reno.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- •— •— (0.62)	OM- — — (4.71)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul.-Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
→ Allen (Taft)	26 ESE	500	31h	CLOSED
Amargosa (Death Valley Jct.)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
(N) Armitage OLF (Inyokern)(N)	8 ENE	2218	90h R1 L5 S1	CLOSED
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
Boston Land Co.(Westhaven)	1.7 SSW;hwy N	300	31	(NC)
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1.
Coalinga	1.5 N;hwy E	664	56h S4	80,91 oct.Hill N,W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;rd S	220	19 S4	73,80 oct. No sto.Poles N,NW,SE.
Cornell (Porterville) (NC)	2.4 SSW;RR E	470	26	Poles SE.
Death Valley (Furnace Creek)	1 WNW	-178	40 S2	80,91 oct.Data unver.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
(P) Delano	1.5 SE;RR W	315	60h	
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct.No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	33 S6	80 oct. Pole line SE.
(P) Hammer (Fresno)	4.8 NE;rds N,E	331	71h	
Hanford	1.2 SE;RR W	246	20 S4	80 oct.
Harvey (Corcoran)	2.7 NNW;RR W	200	27 S4	80 oct. No sto.
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h	NATS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)NC (not charted). → NEW OR REVISED DATA

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S2	80 oct. req.
La Cresta (Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct.Data unver.Flare pots prior
(P) Lemoore	9 SW;RR NW	247	48h	
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80,100 oct. Lgts prior req.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Lgts prior req.
Merced #1	2.5 NW;RR SW			ABANDONED
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	410	45h	CLOSED.
(N) Mojave NAS (N)	0.7 E;hwy W	2751	59h	CLOSED.
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;riv E	194	23 S4	80 oct. No sto.Pwr line N,NW
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S2	80 oct.
(P) Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W.
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
★ Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	18	Mtns - timber 2000' NE.Closed to Public
(P) Visalia	5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW.Closed to Public
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.

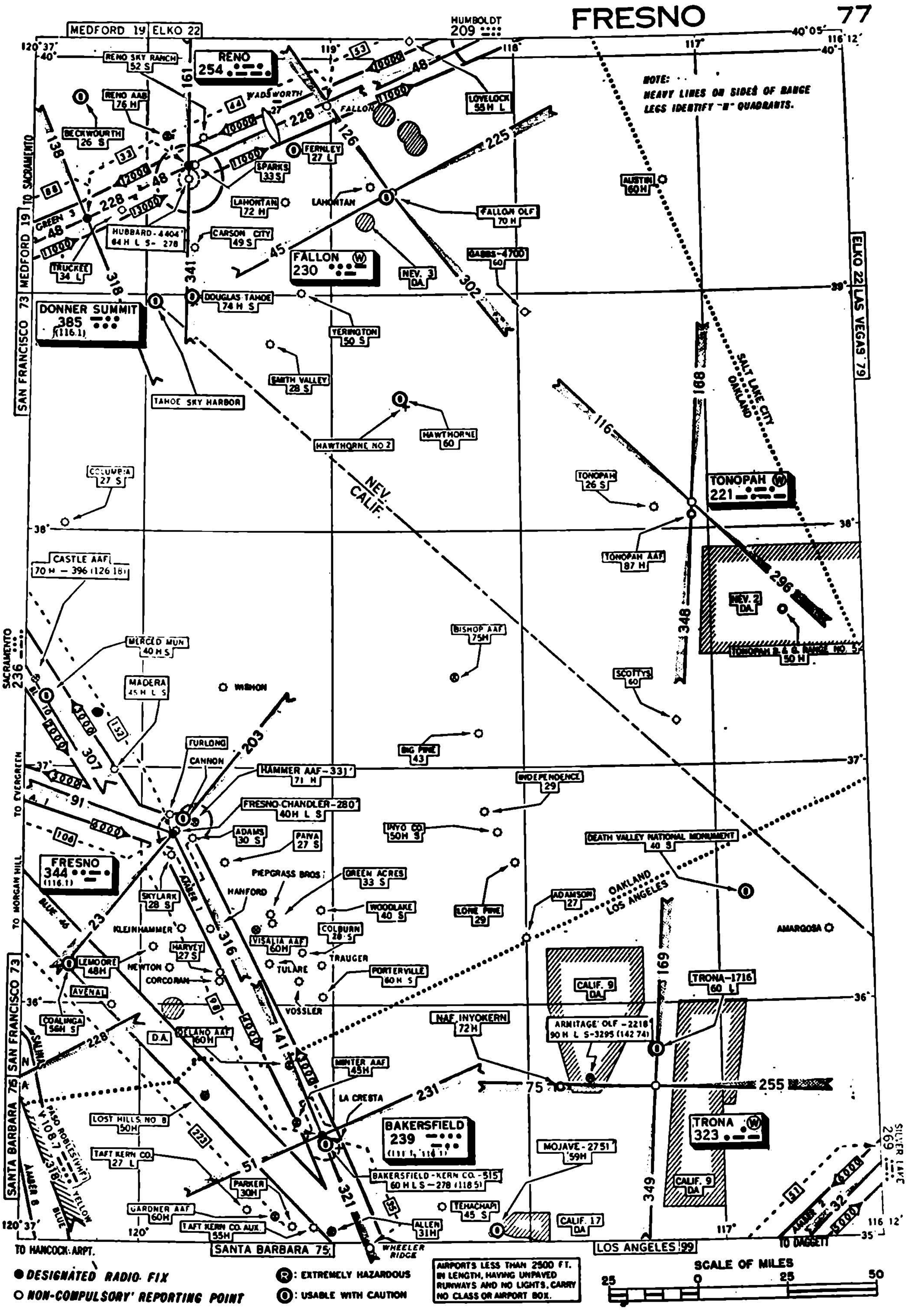
NEVADA

Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h L5 S6	80,91 oct.
★ Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
(N) Fallon OLF	6 SE;hwy S	3931	70h	
★ Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	64h R2 L5 S4	80,91,100 oct.
→ Lahontan (Fallon)	1.4 SSW;hwy W	3980	24 S4	80 oct. Poles ENE,WSW.Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	40	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
★ Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
→ Tahoe Sky Harbor (Genoa)	6 WSW;RR N	6230	42 S1	80 oct. E blk.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
→ Yerington	1.2 N;hwy S.	4483	50 S1	73 oct.

NEW AIRPORTS

Hawthorne No. 2, (Nev.)	NE city limits	4200	27 S1	80 oct.Hi-line S.Data unver.
Alta (Dinuba,Calif.)	4.3 E;RR S	360	23 S6	80 oct,P-line SE.
→ Selma (Calif.)	2.6 E;rd N	315	25 S4	80 oct.No sto,P-line NW
Palomino (Selma,Calif.)	6.5 WSW;RR W	267	18 S2	80 oct.Fence,trees W.

FRESNO 77


MEDFORD 19
ELKO 22
HUMBOLDT 209
RENO SKY RANCH 52 S
RENO 254
RENO AAB 76 H
WADSWORTH
FALLON
LOVELOCK 55 H L
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
BECKWOURTH 26 S
FERNLEY 27 L
SPARKS 33 S
AUSTIN 60 H
LAHONTAN 72 H
LAHONTAN
FALLON OLF 70 H
HUBBARD - 4404' 64 H L S - 278
CARSON CITY 49 S
FALLON 230
GABBS - 4700 60
TRUCKEE 34 L
NEV. 3 DA
DONNER SUMMIT 385 (116.1)
DOUGLAS-TAHOE 74 H S
YERINGTON 50 S
SMITH VALLEY 28 S
TAHOE SKY HARBOR
HAWTHORNE NO 2
HAWTHORNE 60
SALT LAKE CITY OAKLAND
TONOPAH 26 S
TONOPAH 221
NEV. CALIF.
COLUMBIA 27 S
TONOPAH AAF 87 H
CASTLE AAF 70 H - 396 (126 18)
NEV. 2 DA
BISHOP AAF 75 H
MERCED MUN 40 H S
SACRAMENTO 236
SCOTTYS 60
MADERA 45 H L S
WISHON
FURLONG
CANNON
BIG PINE 43
HAMMER AAF - 331' 71 H
INDEPENDENCE 29
FRESNO-CHANDLER - 280' 40 H L S
INYO CO 150 H S
DEATH VALLEY NATIONAL MONUMENT 40 S
ADAMS 30 S
PAIGE 27 S
FRESNO 344 (116.1)
PIEPGRASS BROS
GREEN ACRES 33 S
HANFORD
SKYLARK 28 S
WOODLAKE 40 S
LONE PINE 29
ADAMSON 27
OAKLAND LOS ANGELES
KLEINHAMMER
COLBURN 28 S
AMARGOSA
VISALIA AAF 60 H
HARVEY 27 S
TRAUGER
LEMOORE 48 H
NEWTON
TULARE
PORTERVILLE 60 H S
CORCORAN
CALIF. 9 DA
TRONA - 1716 60 L
AVENAL
VOSSLER
COALINGA 56 H S
DELANO AAF 60 H
NAF INYOKERN 72 H
ARMITAGE OLF - 2218 90 H L S - 3295 (142 74)
MINTER AAF 45 H
LA CRESTA
LOST HILLS NO 8 50 H
BAKERSFIELD 239 (111 1, 116 1)
TRONA 323
MOJAVE - 2751 59 H
TAFT KERN CO 27 L
BAKERSFIELD - KERN CO. - 515 60 H L S - 278 (118 5)
PARKER 30 H
CALIF. 9 DA
TEHACHAPI 45 S
GARDNER AAF 60 H
CALIF. 17 DA
TAFT KERN CO. AUX. 55 H
ALLEN 31 H
WHEELER RIDGE
TO HANCOCK ARPT.
SANTA BARBARA 75
LOS ANGELES 99
TO DAGGETT
SILVER LAKE 269
SAN FRANCISCO 73
TO EVERGREEN
TO MORGAN HILL
SAN FRANCISCO 73
SANTA BARBARA 75
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.
SCALE OF MILES
25 0 25 50

RADIO

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-DTV,142°,5.5	(4), 116.1
CALIFORNIA			
NEEDLES	400(NJ)(116.1)	BMRLZ-DTV,195°,2.2	(4), 116.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-DTV,132°,1.9	(4), 116.1
NEVADA			
CRYSTAL FM	(-)	FM; 28°,30	Las Vegas
GOODSPRINGS FM	(- - -)	FM; 203°,33	Las Vegas
LAS VEGAS	206(LQ)(vhf)	SBMRAZ-DTV;34°,1.9	(3);116.1,122.1
Las Vegas AAF	278(126.18,118.7)+	C (ILS)	(4);118.7,126.18,122.5 (8-midnite)
UTAH			
BRYCE CANYON (Int.)	108.3(BV)(vhf)	BVAR-DPTV;35°,0.8	3117.5,151.7,116.1,129.7 cont. 4495,6210 req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-VDT,20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-VT,20°,1	(4), 116.1
ST.GEORGE	108.7(GX)(vhf)	BVAR-DPV;229°,7.8	3117.5;116.1,129.7, 122.1 cont.(3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM; 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LAS VEGAS AAF	110.3	335	25°	IM		MM ----(0.66)	OM -- (4.2)
						MMK	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A C S transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS

ARIZONA

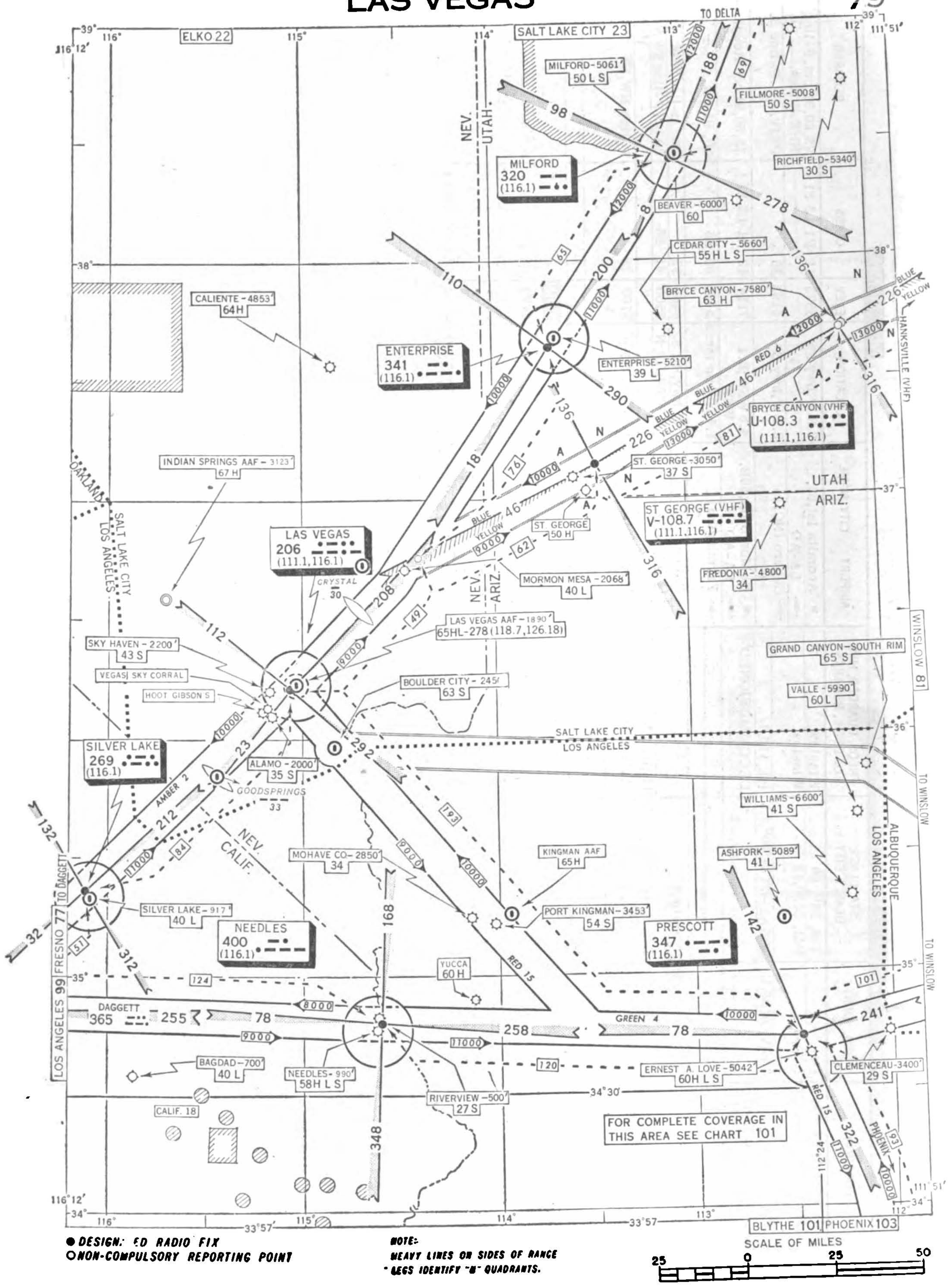
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ashfork Int,36A, LA-AQ	4.3 W,RR S	5089	41 L2	
(P) Clemenceau (Cottonwood)	1.7 SSW,hwy NE	3400	29 L1 S4	73 oct.
(P) Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
(P) Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14 3S;hwy 2W	6362	53 S2	80 oct.Trees SW.
(A) Kingman AAF(A)	8.5 NE,hwy NW	3446	65h	CLOSED
Mohave Co.(Kingman)	6.5 NW,hwy E	2850	37	Not maintained.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted)
→ NEW OR REVISED DATA.

ARIZONA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S6	80,91 oct.All lgts prior req.S blocked.
(P) Valle	2.3 E RR W	5990	60 L3	Fld lgts prior req.
Verde Valley(NC)	1.8 SE,riv W	3400	30	(Cottonwood)
Williams	4.3 N,RR E	6600	39 S6	80,91 oct. Mts SW.
(P) Yucca	1.5 NE,RR W	2030	60h	
CALIFORNIA				
★ Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
Needles	5.5 S,hwy E	990	58h R1 L3	
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE
★ Silver Lake Int,18, LA-SL	2.5 SSE,RR E	917	40 R1 L3	Rnwy data unverif.
NEVADA				
Alamo(Las Vegas)	5.5 SSW,RR SW	2000	50 S4	73,80,91 oct.
BOULDER CITY	1.8 SW,RR W	2446	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
(A) Las Vegas AAF(A)	7.8 NE,hwy NW	1890	65h R3 L6	TEMP INACT, NO FACS.
★ Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	0.7 W,hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	See Hoot Gibson's D4C Ranch under "New Airports" - name changed.			
Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)
UTAH				
Beaver	3.2 SSW,hwy E	6000	63	Hills SE.
★ Bryce Canyon Int, 45, LA-DV	5 N,hwy S	7580	65 L3 S2	No fuel.
Cedar City	2.3 NW,hwy W	5660	55h L2 S6	80,91 oct.
★ Enterprise Int,39	8 NNE,hwy N	5210	39 R1 L3	LA-SL
Fillmore	2 WSW,hwy SE	5008	50 S2	80 oct.
Milford,45,LA-SL	2.3 NNW,RR E	5061	50 R1 L3 S1	80 oct.
Richfield	1.8 SSW,RR E	5340	30 S4	80 oct.
St.George	1.5 SSW,riv SSE	3050	37 L3 S6	80,91 oct.Fld lgts prior req.
★ St.George Int,36, LA-DV	6 SE		50h	
NEW AIRPORTS				
Hurricane (Utah)	2 S	3400	25	Obsts E.Data unver.
Dewey-Humboldt(Ariz)	1 E	4265	29	
Hoot Gibson's D4C Ranch (Las Vegas,Nev)	5.5 SW;RR E	2200	24	Mtns WSW,ENE,E.

LAS VEGAS



● DESIGN: ED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES OR SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

RADIO — ARIZONA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°, 18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-DTV;160°,1.5	(4), 116.1
→ Winslow Airport			DECOMMISSIONED
NEW MEXICO			
ACOMITA (Int.)	371(AK)(116.1)	BMLZ-DTV,254°,1.9	(4);116.1,122.1
EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-DTV,78°,0.1	(4);116.1,122.1
UTAH			
HANKSVILLE Int	109.1(HY)(vhf) (116.1)	BVAR-DPV;314°,2.8	(3) on req,3117.5;116.1, 129.7,122.1

V-Except Range and Voice W-Without Voice. Z-VHF Range Station Location Marker (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice → Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — ARIZONA

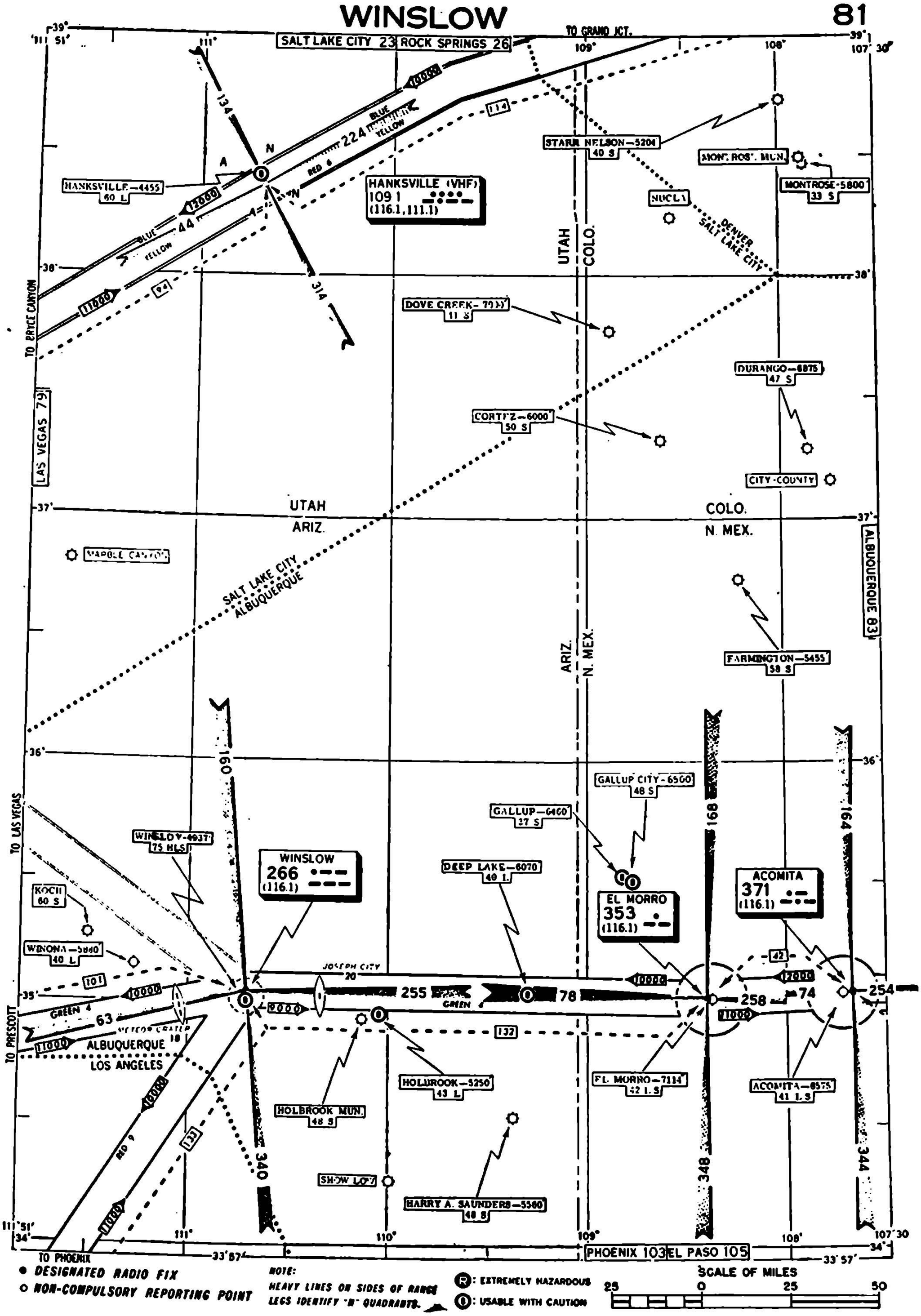
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Cameron (NC)	1.8 NE;riv 1 S	4200	40 S1	80 oct Rough. Not maintained.
★ Deep Lake Int,54A, → LA-AQ	0.5 W	6070	35 L3	Poles S. Emerg. only.
→ Holbrook	2.2 NNE;RR SE	5200	50 S6	80 oct.
★ → " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L5	no flood lgts
→ Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S6	80 oct.
Saunders, Harry A. (St. Johns)	1.1 NNW,hwy S	5560	48 S2	80 oct. 25' poles NE
Window Rock(NC)	0.8 SSW;rd N	6800	52	Bluffs ENE,NNE
(P) → WINSLOW	2 SW;RR N	4937	75h R1 L5 S2	80,91 oct. No flood lgts
COLORADO				
(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
Montrose Mun.	1.3 S,RR NE	5800	33 S4	80 oct.
(P) Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.

h-hard surfaced runways. R-radio facilities L-lighting facilities S-servicing. (See page XIII)(NC) Not charted. → NEW OR REVISED DATA.

NEW MEXICO

AIRPORT CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Acomita Int,63, → LA-AQ	7.8 W;hwy 1 N	6573	41 R1 L3 S1	73,80,91 oct. P-line NNE. Rough.
→ Cubero (NC)	2.4 W;hwy S	6192	30	PRIVATE. P-line S.
★ El Morro Int,59B, → LA-AQ	4.5 WSW;1k 1 WSW	7114	42 R1 L3 S1	73,80,91 oct. Rough.
→ Farmington	1.4 NW on mesa	5495	80 S6	80, 91 oct.
→ Gallup	4 W;hwy;RR S	6460	37	Twr,p-line SSW.
→ Gallup City	2.6 WSW;RR N	6500	48 S6	80 oct P-line SW,WSW, NW,SE
→ Indian Service (Shiprock) (NC)	1.6 SSW;hwy W	5100	29	P-line NW,SW
UTAH				
★ Hanksville Int,54, → LA-DV	4 NE	4480	60 L3	Ngt landings on lgtd E/W strip only. P-lines E
Monument Valley (Goulding Trading Post) (NC)	0.5 N hwy E	5284	30	
NEW AIRPORTS				
Montrose, (Colo.)	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla, (Colo.)	2.3 SSW;riv S	5910	36	
Aztec, (N.M.) (NC)	2.2 NW on mesa	5700	28	Emerg only.
City Co. (Durango, Colo.)	10.6 SSE;riv NW	6660	54 S1	91 oct.
Show Low,(Ariz.)	2 ENE;hwy S	6400	43 S4	80,91 oct.
Marble Canyon (Cameron,Ariz)	66 NNW;riv E	3580	37 S4	80 oct. NE appch hazardous.
Camp Verde,Ariz)	1.6 SSE;rd N	3100	42	Emerg. use only.
Payson (Ariz)	2 NNW;cyn N	5077	31	Trees E. Soft when wet.
Hathway (Payson,Ariz)	0.7 ESE	4877	20	Strip soft when wet.
Taylor-Snowflake (Taylor,Ariz)	2 W;rd N	5640	26 S2	80 oct. Poles SSE,NNW.

WINSLOW



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

SCALE OF MILES
25 0 25 50

ALBUQUERQUE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
★ Adrian Int,92B,LA-AQ	4.2 SSE;RR N	4136	37 L3	(Texas)
Alameda (Albuquerque)	7.4 N;RR E	5400	37	(N.M.)
Alamosa (Colo)	2 S;hwy W	7550	58 L3 S4	80 oct.Fld lgts prior req.
ALBUQUERQUE Range (Kirtland)(N.M.)	230(AB)(vhf)	354°,3.1	SBRAZ-DTV	(3);116.1,122.1
Albuquerque (N.M)	6.3 ESE;hwy N	5429	62	RFC surplus acft fld
AMARILLO Range (Tex) (English)	251(AQ)(vhf)	77°,2.0	SBRAZ-DTV	(3); 116 1, 122.1
➙ Amarillo (Tex)	6 ENE; hwy S	3610	52 S6	80,91 oct.P-line sur fld
★ Anton Chico Int,78A,LA-AQ	4.5 SE;hwy E	5281	43 L3	(N.M)
Art Goebel (Belen,N.M.)	3.2 W;RR E	5100	39 S1	80,91 oct.
Belen Air Strip (N.M.)	2.7 N; RR E	5000	30 S1	73 oct.
Bobcat (Dimmit,Tex)	1.5 E;RR W	3850	33 S2	73 oct.
Boise City (Okla)	3 N;hwy W	4200	33	
➙ Clayton (N.M.)	1.5 E; RR N	5006	42 S4	73 oct. P-line N,W
➙ Claude (Tex)	1.2 WNW;RR N	3410	32 S1	80 oct.P-line N,SE,S,W,NW.
Clover (Hereford, Tex)	2.2 NNE;hwy S	3800	28 S2	73 oct.P-line N,E,SE.
➙ CLOVIS Army Range (N.M.)	203 (DCV)	34°,6.2	MRAZ	(3)
CLOVIS H Fac. (N.M.)	526(DCV)	130°,1.6	HW-DT	
CLOVIS AAF Tower (N.M.)	396 (126.18)		CA	(3); 126.18
(A) Clovis AAF (N.M.)(A)	6.5 W;RR N	4300	100h L3 S2	73,91,100 oct.
✈ Clovis (N.M.)	0.8 NW;RR S	4247	26	
Cochran Co.(Morton,Tex)	1.5 E;rd W	3750	30	P-line E,S.
Costilla Co.(Mesita,Colo)	4 E;RR W	7750	75	
Creede (Colo)	2 SSE;hwy NW	8800	50 S2	No fuel.Rough off strips
(P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	60h L2	(N.M.) Data unver
★ Cuero Int,81B,LA-AQ(N.M)	5 N	4734	40 L3	Poles W,lgtd.
Cutter-Carr #2 (Albuquerque, N.M.)	3.6 NE;RR W	5120	46	P-line ENE
➙ Dalhart (Tex)	6.2 SSE;RR E			ABANDONED
Dalhart Mun. (Tex)	3.8 SSW;RR N	3989	49h	
(A) Dalhart #1 (Tex) (A)	9.7 WSW;RR E	4096	81h	CLOSED-NOT MAINT.
(A) Dalhart #2 (Tex) (A)	5.5 NE;hwy NW	3974	80h S6	80 oct.
(P) Dumas (Tex)	0.7 S;hwy W	3649	30 L S2	73 oct.Poles N.Flood
Eagle Nest Landing Strip (N.M.)	1 NE	8450	40	11,000' mts NE. lgts. Use in emerg.
ENGLISH Tower (Tex)	278 (118.5, 126.18)		AC (ILS)	(4); 126.18,118.5, 122.5
(A) English (Amarillo,Tex) ✈	9 ENE;RR N	3602	50h L6 S6	80, 91 oct.;100 oct Army.P-line N,NW.
(P) Ft. Sumner (N.M.)	1.5 NE;RR S	4166	60h S6	80 oct
Ft. Sumner #5 (N.M.)	16 ENE	4830	60h	
Graham-Bell (Albuqu'que)	4.5 ENE	5400	27 S6	73,91 oct. (N.M.)
Griffin (Walsh, Colo)	0.7 N;RR S	3950	26 S6	80 oct.Poles S.
Gruver (Tex)	0.7 WNW;RR E	3200	40 S1	80 oct.P-line W,E,SE.
(P) Guymon (new) (Okla)	3 SW;hwy N	3140	34 S6	80 oct. P-line N, SW. E.
Guymon (Okla)	0.7 S;RR W	3130	21	CLOSED
(P) Hale Co.(Plainview,Tex)	1.6 S;hwy E	3370	37 S6	80, 91 oct.
Harnagel (Borger,Tex)	2.5 SSW;RR N	3140	25 S2	80 oct.Use strips.RR E
Hillcrest (Clovis, N.M.)	2.1 E;RR S	4244	36 S4	73 oct.No sto.P-line S.
Holbrook's (Cuervo,N.M.)	0.8 NE;RR S	4810	19	300' mtn SE.P-line SSE
Ira Benger (Friona,Tex)	1.8 NE;RR S	4000	28 S2	73 oct.

FACILITY	FREQ., IDENT ARPT LOCATION	BEAR & DIST. ELEV.	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
Johnson (Kans)	0.5 N;hwy W	3330	28 S6	80 oct.P-line N,NW,NE.
Kerrick (Tex)	1.5 N;RR SW	3850	19 S1	80 oct.P-line SW S
KIRTLAND Tower (N.M.)	278 (126.18, 118.7)+		AC (ILS)	(4); 126 18, 118 7 122.5
(A) [Kirtland](Albuquerque, N.M.) (A) ✈	3.8 SSE;rd N	5330	102h L6 S6	87,91,100 oct
(A) La Junta AAF (Colo) (A)	4.4 NNE;rd W	4262	80h	CLOSED
La Junta Bridges (Colo)	3 SW;hwy W	4140	30 S1	80 oct.Data unver
(P) Lamar,10,PU-WD (Colo)	3.7 WSW;RR N	3673	42 L3 S2	80 oct.
Las Animas (Colo)	1.4 S;RR N	3900	28 S4	80 oct. Poles W
LAS VEGAS Range (N.M.)	359(VH)(116.1)	8°, 3.2	SBMRAZ-DTV	(4);116.1,122.1
➙ [Las Vegas] (N.M.)	6 NE;RR 2 W	6857	64h L5 S6	80, 91 oct.Flood lgts on req Use strips only
Maxwell (N.M.)	1.7 N;hwy E	6000	36	
Monte Vista (Colo)	3.5 W;RR N	7710	55 S4	80 oct.
➙ Mountainair (N.M.)	1.1 NNE;RR S	6600	28	P-line N Horses on fld.
Muleshoe (Tex)	1 ENE;hwy N	3800	42 S1	73 oct
Municipal (Spearman,Tex)	0.8 NW;RR SE	3104	30	P-line SW
OTTO Range (N.M.)	290(OT)(116.1)	74°,0.2	BMRLZ-DTV	(4);116.1,122.1
★ Otto Int,74,LA-AQ (N.M.)	5.8 NE Moriarty	6226	41 L3 S1	Ltd 91 oct.
✈ Puckett's com.(Lakin,Kans)	3.5 S;riv N,NW	3050	26 S1	Ltd 80 oct.Trees N
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	P-line NE (Colo)
Romer (Holly, Colo)	1.5 SSE;riv N	3360	29 S1	Ltd 80 oct.P-line SW,NW
Roy (N.M.)	1.5 N;RR W	5900	26	PRIVATE. Post NE.
SANTA FE H Fac. (N.M.)	206(SJ)(116.1)		MHTV	(4);116.1,122.1
[Santa Fe] (new)(N.M.)	9.8 WSW; hwy SE	6308	63h L5 S1	91 oct.airlines.Poles E Rnwy lgts on req.
Santa Fe (old)(N.M.)	6.3 SW;hwy E	6550	45h S6	73,80 oct.;91 oct.emerg
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct.No sto. (N.M.)
Springfield,Com.(Colo)	3.8 N;hwy W	4350	34 S1	73 oct.Poles NW,W,SW
Stinnett (Tex)	0.6 NNE;RR E		30	Data unver
Syracuse (Kans)	1 N;riv S	3320	36 S2	80 oct.P-line S,SE
★ Syracuse Int,16,PU-WD	3.7 NNE;hwy W	3410	46 L3	(Kans.)
Taos (N.M.)	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW
Texhoma (Tex)	1 SSW;RR N	3460	30 S2	73,91 oct.P-line N.
Tradewind (Amarillo,Tex)	2.5 S;RR NW	3636	29 S6	80,91 oct.
TRINIDAD Range (Colo)	329(TD)(vhf)	170°,3.0	SBMRAZ-DTV	(4);116.1,122.1
Trinidad (Colo)	10.5 ENE	5756	34h L1 S2	80 oct.Use rnwys only
TUCUMCARI Range (N.M.)	212(TC)(116.1)	76°,2.2	SBMRAZ-DTV	(4);116.1,122.1 Hwy E
Tucumcari (N.M.)	7 E;hwy,RR S	4064	51h L5 S6	80,91,100 oct.
(P) Tulia (Tex)	1.5 NNW;RR W	3500	32 S1	80 oct.P-line NE,E,SE
Wagon Mound (N.M.)	0.6 WNW;RR E	6500	21	Fence N;mtns SE,W
West Mesa (Albuquerque)	3.8 W;hwy S	5100	60 S6	73,80 oct. (N.M.)
West Texas State (Canyon)	3 N;hwy E	3686	42 S6	73 oct.20'poles SE.(Tex)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

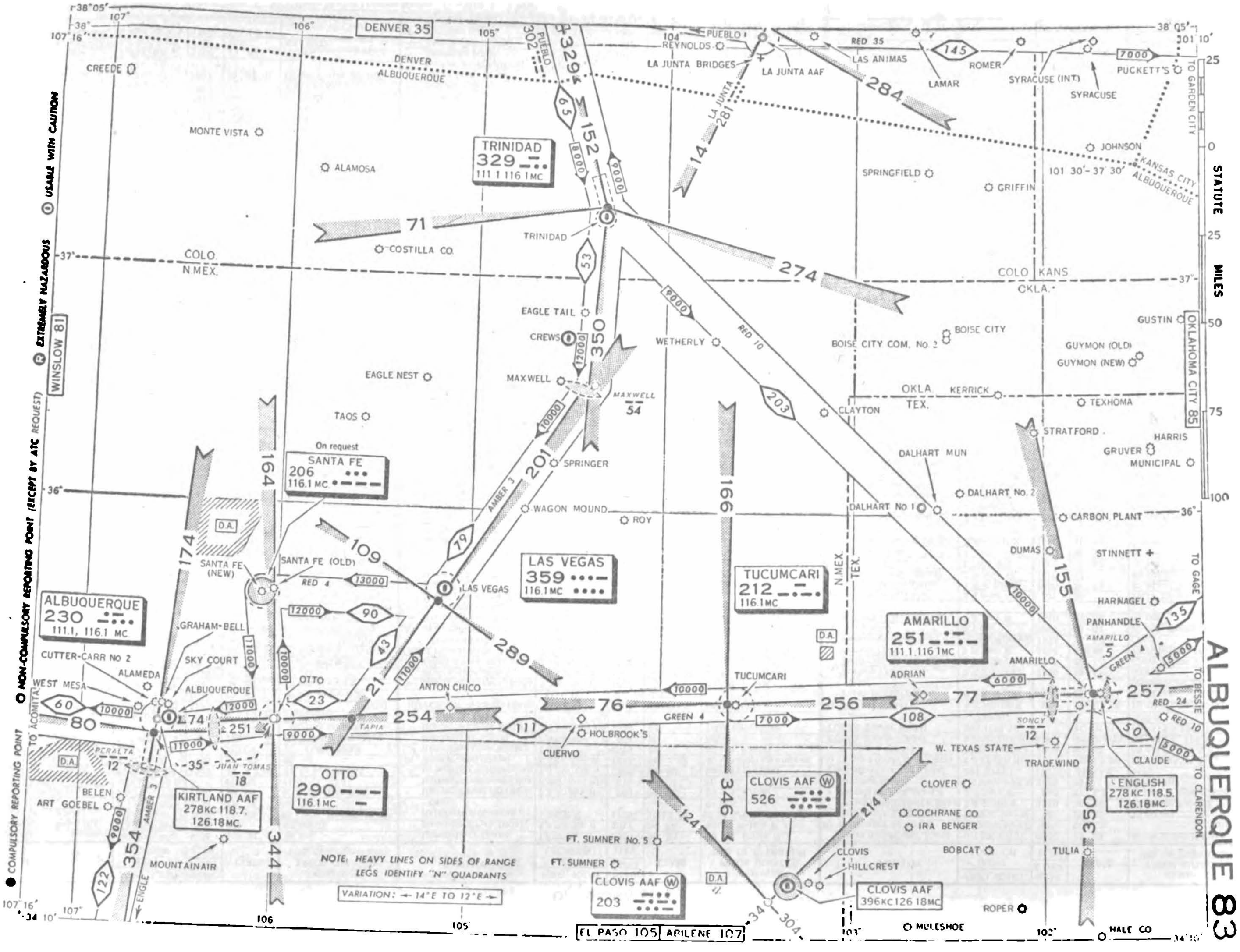
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ENGLISH	110.3	335	209°	IM-	MM- ·—·— (0.62)	OM- ——(5.92)
				MMK-		OMK- 293 —··—
KIRTLAND	110.3	335	349°	IM-	MM- ·—·— (0.66)	OM- ——(4.32)
				MMK		OMK-248 —·—·

NEW FACILITIES

Boise City Com.#2(Okla.)	1 N;City S	4200	26 S1	80 oct.
Gustin Fld.(Hooker,Okla.)	3 SW;RR,hwy E	2985	26 S2	80 oct.P-line S.
Carbon Plant(Sunray,Tex)	5 SW	4000	25	Emerg. only.
Harris(Gruver,Tex.)	1.9 WNW;hwy S	3200	26	Emerg. only.
Panhandle (Tex.)	1.6 SSW;RR N	3450	28 S2	80 oct.125' twr W.
Roper(Hart,Tex.)	5.9 S;lk NE	3600	26 S2	80 oct.P-line N,NW.
Stratford (Tex.)	1.8 NE;hwy NW	3700	41	P-line S,SW.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) ➙ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED Airports are indented and non-capitalized.


DENVER 35
DENVER ALBUQUERQUE
CREEDE
MONTE VISTA
ALAMOSA
TRINIDAD 329 111 1 116 1 MC
TRINIDAD
COSTILLA CO.
COLO. N.MEX.
EAGLE TAIL
CREWS
MAXWELL
EAGLE NEST
TAOS
WINSLOW 81
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
On request
SANTA FE 206 116.1 MC
SANTA FE (OLD)
SANTA FE (NEW)
ALBUQUERQUE 230 111.1, 116.1 MC
GRAHAM-BELL
CUTTER-CARR No 2
SKY COURT
ALAMEDA
WEST MESA
ALBUQUERQUE
ACOMITA
PERALTA
BELEN
ART GOEBEL
KIRTLAND AAF 278 KC 118.7, 126.18 MC
MOUNTAINAIR
OTTO
OTTO 290 116.1 MC
ANTON CHICO
TAPIA
HOLBROOK'S
CUERVO
SPRINGER
WAGON MOUND
ROY
LAS VEGAS 359 116.1 MC
LAS VEGAS
TUCUMCARI 212 116.1 MC
TUCUMCARI
CLOVIS AAF 526
CLOVIS AAF 203
CLOVIS AAF 396 KC 126 18 MC
FT. SUMNER No. 5
FT. SUMNER
CLOVIS
HILLCREST
COCHRANE CO
IRA BENGER
BOBCAT
TULIA
ROPER
MULESHOE
HALE CO
AMARILLO 251 111 1, 116 1 MC
AMARILLO
ADRIAN
PANHANDLE
HARNAGEL
ENGLISH 278 KC 118.5, 126.18 MC
CLAUDE
TRADEWIND
W. TEXAS STATE
SONCY
GREEN 4
RED 24
RED 10
TO BESSIE
TO CLARENDON
TO GAGE
DALHART MUN
DALHART No. 1
DALHART No. 2
CARBON PLANT
DUMAS
STINNETT
STRATFORD
GRUVER MUNICIPAL
HARRIS
BOISE CITY
BOISE CITY COM. No. 2
GUYMON (OLD)
GUYMON (NEW)
GUSTIN
OKLAHOMA CITY 85
TEXHOMA
CLAYTON
OKLA.
TEX.
KERRICK
COLO. KANS. OKLA.
SPRINGFIELD
GRIFFIN
JOHNSON
SYRACUSE
SYRACUSE (INT.)
LAMAR
ROMER
LAS ANIMAS
LA JUNTA AAF
LA JUNTA BRIDGES
REYNOLDS
PUEBLO
PUCKETT'S
TO GARDEN CITY
KANSAS CITY
ALBUQUERQUE
101 30'–37 30'
WETHERLY
MAXWELL
54
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 14°E TO 12°E →
EL PASO 105
ABILENE 107
STATUTE MILES
ALBUQUERQUE 83

OKLAHOMA CITY

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(P) Ada (Okla)	2 N; hwy W.	1008	50h S1	80 oct.
(A) Altus AAF (Okla) (A)	3.4 ENE;hwy S	1368	60h	CLOSED.
Altus Mun. (Okla)	4.2 N;RR W	1426	31 S6	80 oct.P-line SW,W,NW.
Alva (Okla)	1.4 S;RR N	1320	26 S6	80 oct.
Anadarko (Okla)	1.5 SW;RR E	1260	26 S6	80 oct.P-line N,E.
ANTHONY H Fac.(Okla)	382(AY)(116.1)		MHTV	(4);116.1,122.1
(P) Anthony,24,AQ-KC	3 WNW;hwy S	1339	48 L3 S6	73,91 oct. (Okla)
Antlers (Okla)	2.8 S;RR E	640	22 S2	80 oct.
ARDMORE H Fac.(Okla)	400(AT)(116.1)		MHTV	(4); 116.1, 122.1
Ardmore (Okla)	11.2 NNE;riv E	758	73h	CAUTION: Intensive airline training
Ardmore,10,FV-WD	9.2 N;hwy E	875	40h L3 S6	80,91 oct.Poles E.
* Arlie Int,9,AQ-FV(Tex)	3.8 SW;hwy S	1770	42 L3	(Okla)
Ashland (Kans)	1 E;RR S	1940	32 S2	80 oct.Poles S,E.
Atoka (Okla)	1.8 NW;RR S	540	22 S2	73 oct.P-line S.
Bartlesville (Okla)	4 E;rd S	720	34 S6	80 oct.
Bennett (Elk City,Okla)	2 SSE;RR NE	1800	20 S2	80 oct.P-line W.Lgt ac-
Blackwell (Okla)	1.7 W;RR N	1000	32 L4 S6	80 oct.P-line ft only.
Boren (Wetumka,Okla)	1.5 NW;RR SE	780	20	SW,NW.
Brown (Tulsa, Okla)	6 SE	735	31 L S6	80,91 oct.Port rnwy lgts. Pole NW.
Buffalo (Okla)	0.6 NW;crk N	1965	14 S1	73 oct. wet.
Caddo Fly Svc.(Ft.Cobb)	6 SE;hwy S	1250	21 S2	80 oct. (Okla)Ctn when
Cameron College	2.5 W;RR N	1108	22 S6	80 oct.(Lawton,Okla)
Cassoday Int,34,AQ-KC (Kans)	1 SSE;hwy W	1480	32 L3	Twrs S.
CHANUTE Range (Kans)	284(CZ)(vhf)	304°, 2.5	SBRAZ-DTV	(4);116.1,122.1
Chanute (Kans)	2 WSW;lk SE	980	22h L4 S6	80,91 oct.
CLARENDON Range (Tex)	233 (CP)	190°, 0.2	MRLW	
(P) Clarendon,4,AQ-FV	3.8 W;RR NE	2869	40 L3 S6	80,91 oct. (Tex)
Childress (Tex)	3.2 ESE;RR NE	1930	30 S1	80 oct. P-line sur fld
(A) Childress AAF (Tex)(A)	5.2 W;RR N	1952	60h	CLOSED.
Clinton (Okla)	17 SW;hwy E	1932	65h	
Coffeyville,Mun.#1	5 NNE	743	59h S2	80 oct. (Kans)
Coffeyville,Mun.#2	2 NW;riv E	880	26h L3 S6	80 oct.Poles NW;hi-line SW.
Commercial(Okmulgee, Okla)	3.4 E;RR W	682	26 S2	80 oct. Poles SW.
Commercial(Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct.Trees SW.
Commercial(Quanah)	1.8 S;hwy E,N	1568	21 S2	Ltd 80 oct.(Tex)(Okla)
Community (Ada,Okla)	6.8 WNW	1000	24 S6	80 oct. hwy NE.
Cordell (Okla)	1.3 NW;RR E	1550	20 S2	80 oct.
(P) Cushing (Okla)	2 S;RR E	913	52h L5 S6	73,80 oct.
* Dill Int,14,AQ-LS(Okla)	0.5 NW;hwy N	1876	26 L3	P-line N,E.
DODGE CITY H Fac(Kans)	362(OD)(116.1)		MHTV	(4);116.1,122.1
Dodge City (Kans)	3.5 ENE;RR SE	2594	47h L3 S6	80,91 oct.Fld lgts prior
(A) Dodge City AAF (Kans)	6 NW;RR S	2621	65h	CLOSED. (A) req.
(A) Dodge City #4 (Kans)(A)	17.4 NNE	2465	60h	CLOSED.
Dukes (Carnegie,Okla)	1 NNW;riv S	1250	24 S2	80 oct.P-line S.
Edgewood (Coffeyville, Kans)	2.5 WNW;RR E	745	25 S2	80 oct.N,E,S,W blkd.
(A) Enid AAF (Okla)(A)	4 SSW;RR E	1290	56h	TMP INACT.NO FACS
Eureka (Kans)	2.7 E;hwy S	1100	26 S1	80 oct.Hi-line S.
Ferguson(Coffeyville)	5 E;RR NW			(Kans) ABANDONED
(P) Frederick (Okla)	2 5 SSE;RR N	1233	60h L6 S6	80,91 oct No flood lgts.
Fredonia Mun. (Kans)	3 NNE;RR E	880	26 S1	80 oct.
GAGE Range (Okla)	266(VM)(vhf)	224°, 2.1	SBRAZ-DTV	(4);116.1,122.1
(P) Gage (Okla)	1.8 SW;riv N	2223	55h L5 S1	80 oct.
GARDEN CITY Range (Mun.)(Kans)	257 (GK) (116.1)	168°, 3.7	SBRAZ-DTV	(4); 116.1
Garden City Mun.(Kans)	3.3 E;riv S	2841	45 L3 S6	73,80 oct.Fld lgts on req
(A) Garden City AAF (Kans) (A)	9 ESE;riv S	2894	65h	TMP INACT.NO FACS.
(A) Garden City #1 (Kans)	19.5 ESE	2814	30h	CLOSED. (A)
(A) Garden City #2 (Kans)	13.4 E	2856	30h	CLOSED. (A)
(A) Garden City #3 (Kans)	6 ENE	2917	30h	CLOSED. (A)
Geary (Okla)	1.4 E;RR N	1523	24	PRIVATE
Glenn Martin (Liberal) Kans)	2 ESE;hwy SW	2853	35 S2	80 oct.P-line SE,SW.
Grandfield (Okla)	1.2 SE;RR N	1100	13 S2	80 oct.
(A) Grandfield #3(Okla)(A)	3.1 W;RR NE	1128	45h	CLOSED.
(A) Great Salt Plains Jet, Okla) (A)	6 NNE;dam 1 N	1200	55h L5	
Greensburg (Kans)	1 ESE;RR N	2230	26 S1	80 oct. Poles N.
Haddock (Erick,Okla)	1.4 SW;RR N	2017	34 S2	80 oct.P-line N.
Halliburton (Duncan, Okla)	1 S;RR E	1125	35 L6 S4	90,91 oct.No flood lgts or bcn.
Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct. (Okla)
Hatbox (Muskogee,Okla)	2.7 W;fork RRs	615	38h 36	80 oct.
Hemphill Co.(Canadian)	1.5 SW;riv N	2300	27 S2	Ltd 73 oct.(Tex)
(P) Hobart Mun.(Okla)	3.8 SE;hwy W	1583	54h L S6	80 oct.Port lgts on req.
Hohmann (Lone Wolfe)	1 ESE	1576	26 S2	80 oct. (Okla)
Holdenville (Okla)	1.2 WNW	864	20	RR NE
Hunter's Flight Strip (Hobart, Okla)	0.5 SW;hwy adj	1530	22	Data unverified.
HUTCHINSON Range (Kans)	227(HN) (116.1)	350°, 3.1	SBMRLZ-DTV	(4);116.1,122.1
Hutchinson, com.(Kans)	5.5 W;hwy N	1605	20 S2	80 oct. P-lines N,NE.
(P) Hutchinson,mun.	4 ENE;hwy S	1542	70h L5 S6	80,91 oct. (Kans)
(N) Hutchinson NAS (Kans)	8.9 S;RR NNE	1582	70h	CLOSED (N)
INDEPENDENCE AAF Tower (Kans)	272 (126.18)		CA	(3); 126.18 (7-19)
(A) Independence AAF (A)	5.5 SW;hwy W	820	55h S1	91,100 oct. (Kans)
Independence (Kans)	5 N;hwy W	847	22 S4	80,91 oct.P-line W.
(A) Independence #3 (A)	24 ESE	920	42h	CLOSED. (Kans)
Independence #9 (Kans)	12.5 NE	870	40h	
(P) Iola (Kans)	3.2 SSE	1020	48 S6	80,91 oct.P-line NW,N.
Jensen (So.Coffeyville)	0.5 W;RR S,E	735	40 S6	80 oct.P-line SE.(Okla)
Jimmie Ray (Cherokee)	1.5 E;RR SW	1200	26 S1	80 oct. Trees S.(Okla)
Kell-Air (Thomas,Okla)	1.2 SW;RR N	1730	24 S2	80 oct.
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Kingman (Kans)	1.5 NNW	1600	26 S1	73 oct.Trees S,SW. RR
Kiowa Flying Service (Kiowa, Kans)	2.5 WNW;RR S	1375	19 S1	80 oct. P-line SW. NNW,SSW.
Kittenbrink (Jefferson)	2 E;RR W	1100	23 S2	80 oct. Trees N.(Okla)
Lawton (Okla)	1.5 S;RR E	1145	26 L4 S6	80 oct.Fld lgts prior req.
(A) Liberal AAF (Kans)(A)	1.5 WNW	2888	70h	CLOSED.
Long (Pryor,Okla)	2 NNE;RR W	650	20 S6	80 oct.P-line SW.
Meade (Kans)	3 ESE;hwy N	2532	26 S2	80 oct.Use strips.P-line
McAlester (Okla)	2 SSE;RR W	750	25 S4	80 oct. N
Mauks (Blackwell,Okla)	2.7 S;hwy W	987	26 S4	80 oct.P-line E.
Medicine Lodge (Kans)	2.1 SE;RR S	1520	33 S2	80 oct.
(P) Muskogee AAF (Okla)	5.5 S;RR W	610	56h	Hill SW. NW
North (Enid, Okla)	3.8 N;RR E	1265	26 S6	80, 91 oct.Shrubs N,NE.
Nowata (Okla)	1.6 NNE;RR W	600	26 S6	80 oct.
OKLAHOMA CITY Range (Okla)	350 (OL) (116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Okmulgee (Okla)	3 NNE;hwy W	715	43h L5 S6	80 oct. Ctc lgts prior
Olustee (Altus,Okla)	10 SE;riv E	1338	45h	CLOSED req.
(A) Pampa AAF (Tex)(A)	12.3 E	3124	65h	CLOSED. E,S,W
* Pampa Int,4,AQ-KC(Tex)	1.9 NNE;RR S	3197	50 L3	P-line E,S,W.Twr SW.
Parsons (Kans)	2 NW;RR S	936	22 S2	80 oct.Use strips only.
Pawhuska (Okla)	3.8 W;RR E	1000	27 L S1	80 oct.Port rnwy lgts. P-line NE.
(A) Perry (Okla) (A)	6.6 N;hwy W	1008	52h	CLOSED.
(P) Perryton (Tex)	3 ENE; RR NW	2942	80 S4	80 oct.No sto.Allway fld.P-line SE,windmill
PHILLIPS Tower (Okla)	278		CI	3105 (on req) SW
Phillips (Bartlesville)	1.7 WNW	750	35h L4 S2	80,91 oct.(Okla).Hwy S.
Plains (Kans)	1.3 NNE;RR S	2772	30 S2	80 oct.P-line NE,SE,S.
PONCA CITY H Fac (Okla)	368(PC)(116.1)		MHTV	(4);116.1,122.1
(P) [Ponca City] (Okla)	2.3 NNW;RR S, E	998	36h L4 S6	73,87 oct.Antenna bet. twr & hangar,lgtd.
Ponder (Mangum,Okla)	1.6 N;hwy S	1585	29 L S2	90 oct.Bndry lgts prior
POST Tower (Ft.Sill,Okla)	201 (126.18)		CA	(3); 126.18 (8-18) req.
(A) Post (Ft.Sill,Okla)(A)	3 N	1170	50h L5 S4	Ltd 100 oct.
Pratt Mun. (Kans)	2.5 ENE;lk 2 E	1916	25 S6	80 oct.Use strips only.
(A) Pratt AAF (Kans) (A)	4 N;hwy E	1960	80h	CLOSED.
Roosevelt (Okla)	0.5 NW;rd N	1400	24 S2	73 oct. P-line N.
Sapulpa (Okla)	1.5 ENE;RR W	730	26	P-line S.
Satanta (Kans)	1 N;RR S	3050	26 S2	80 oct.
Sayre Mun. (Okla)	8.5 SSW	1937	50h	
Archer (Sayre,Okla.)	2.3 N;hwy W	1990	26 S6	80 oct.
Seminole (Okla)	3.4 NNW;hwy E	1012	35 S6	80 oct.Trees W,NW.
Sentinel Memorial	0.8 SSW;RR W	1600	26 S2	80 oct. (Okla)
(P) Shawnee (Okla)	2 NW;RR E	1080	42h L5 S6	80,91 oct.Fld lgts prior
Stafford (Kans)	2.6 WSW;RR N	1889	26 S6	80,91 oct.Poles N,S req.
Stark (Coldwater,Kans)	0.7 NE;RR SE	2100	29 S2	80 oct.Poles N,S,E,SE NE.
(P) Stillwater #1 (Okla)	3.2 NNW;hwy E	985	50h L3	
Stillwater #2 (Okla)	5.6 SSE;hwy W	980	29 S6	73,80 oct.
Strickland(Hazelton,Kans)	2.6 E;RR S	1310	26 S6	73,80 oct.Poles E,N.
* Stroud Int,29A,AQ-LS	3 N;hwy W	883	27 L3	P-line W lgtd.(Okla)
Sulphur (Okla)	1.5 NW;hwy S,E	1060	28	Trees NW
TINKER Army Rng (Okla)	221 (DTE)	170°,5.3	BMRAZ	4495
(A) Tinker (Okla.City,Okla)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct IP-1 (A)
Tonkawa (Okla)	1.6 S;riv NW	1000	25 S2	80 oct.P-line S,E.
TULSA Range (Okla)	245(TS)(116.1)	225°,1.0	SBRAZ-DTV	(3); 116.1, 122.1
TULSA Tower (Okla)	278 (126.18, 118.5)		AC (ILS)	(4); 118.5,126.18, 122.5
(A) [Tulsa] (Okla)	6.2 NE;RR S	674	71h L6 S6	73-91 oct.73,100 oct.
Tulsa North (Tulsa, Okla)	4.5 NNW;RR E	700	25 S2	80,87 oct. [Army Poles S,SW,SE.
Turkey (Tex)	2.7 SSW;hwy E	2350	18 S2	80 oct.
Twitty Int,8A,AQ-LS	1 SE;hwy 0.5 W	2225	38 L3	(Tex) P-line W
Vernon (Tex)	5 N;hwy E	1250	43h S6	73,80 oct.No sto.
* Vernon Int,15,AQ-FV	8.8 NNW;hwy E	1332	32 L3	(Tex)
Vici (Okla)	0.7 SW	2265	24 S1	80 oct. Trees N.
Victory (Clinton,Okla)	2 S;hwy W	1540	27 S6	80 oct.
Walker (Ada,Okla)	5.4 S;rd E,N	870	32	PRIV.Trees sur fld.
Walker (Altus,Okla)	1.6 W;RR E	1400	26 S4	80,91 oct.P-line N.
Walters (Sedan,Kans)	8 N;hwy W	1000	26	PRIVATE.
Walters (Okla)	1.2 SW;RR E	1005	26 S6	80 oct.
Watonga (Okla)	1.2 NW;hwy S	1460	26 S6	80 oct.
Waynoka-Kelsey (Waynoka, Okla)	3.4 NNE;RR SE	1500	21 S2	80 oct.P-line N,NE.
Weatherford (Okla)	2.7 ENE;hwy S	1550	27 S6	80 oct.P-line N.
Wellington (Tex)	1 SE;hwy W	2100	17 S2	80 oct. P-line S,E
Wewoka,com.(Okla)	1.8 W;lk N	905	23 S6	73,80 oct.P-line NNE
(P) Wewoka,mun.(Okla)	4.7 NE;hwy W	790	30	Emerg only.
White Bros.(Lamont)	2 WSW;RR E	1000	24 S2	80 oct. (Okla)
WICHITA Range (Kans)	332(WD)(vhf)	167°,1.0	SBRAZ-DTV	(3);116.1, 122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18, 118.7
(NG) [Wichita](Kans)	5.3 SE;hwy W	1373	75h L6 S6	80,91 oct.Army 100 oct
Will Rogers,36,AQ-LS	1.5 NE;RR W	649	29 L3 S6	73 oct.(Claremore,
WILL ROGERS Tower (Okla City,Okla)	272 (118.7)		AC (ILS)	(4);118 7,126.18, [Okla) 122.5
[Will Rogers](Okla.City)	7.5 SW;hwy E	1283	57h L6 S6	91,80,100 oct (Okla)
(P) Woodring (Enid,Okla)	5 ESE;RR N	1159	65h L5 S6	80,91 oct.
Woodward (new)(Okla)	7.5 W;hwy S,E	2187	55h L5 S2	80,91 oct.Lgts on req
Woodward (mun)(Okla)	1.5 SE;hwy W	1918	21 L1 S6	80,91 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

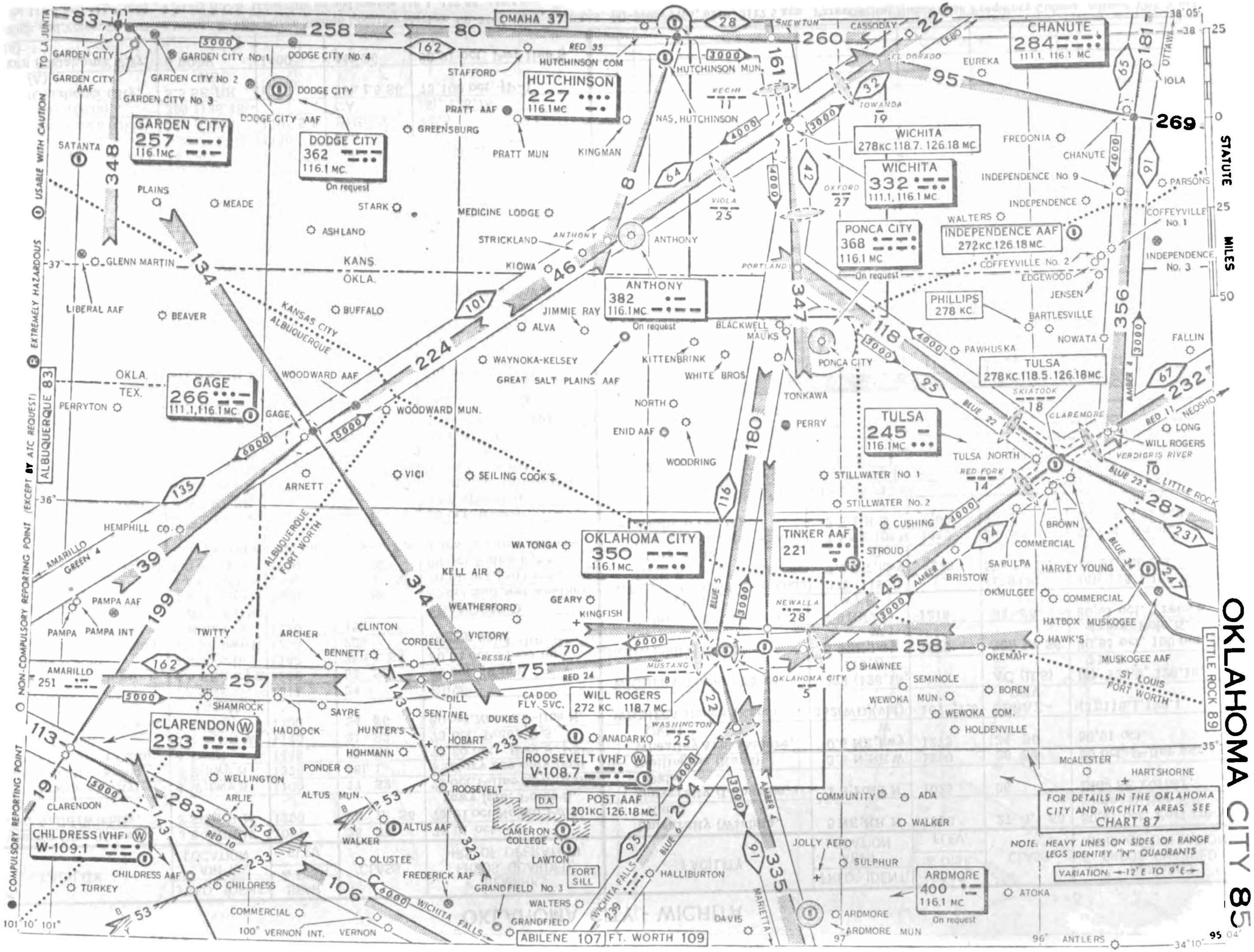
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
TULSA	110.3	335	354°	IM-	MM- (0.65)	OM- (4.82)
					MMK-	OMK-263
WICHITA	110.3	335	3°	IM-	MM- (0.69)	OM- (5.37)
					MMK20	OMK- 317
WILL ROGERS	109.9	333.8	350°	IM-	MM- (0.66)	OM- (4.6)
					MMK-	OMK-

NEW FACILITIES

CHILDRESS Range (Tex)	109.1 (GM)		VARW	
ROOSEVELT Range(Okla)	108.7 (RQ)		VARW	
Arnett (Okla)	Adj NNE	2450	23 S1	73 oct.
Beaver (Okla)	1 SSW;hwy W	2500	30 S1	80 oct.
Bristow (Okla)	1.3 WNW;lk E	725	22 S6	80 oct.Trees NE,SW.
Fallin (Vinita,Okla)	1.5 NW;RR S	780	26 S2	80 oct.P-line E,N,NE.
Davis(Healdton,Okla)	1.3 E;crk W	800	20 S2	80 oct. S,SW.
Hartshorne (Okla)	1 NNW	700	13	Emerg use only
Hawk's(Henryetta,Okla)	1 N;rd N,E	862	18 S2	80 oct
Jolly Aero (Davis,Okla)	3 S;hwy NNW	800	17	Pwrline NNW.Emerg.
Kingfish(Hinton,Okla)	3.7 N;hwy W	1545	18	only
Okemah (Okla)	1 E;city W	870	33 S6	80 oct.P-line N,NE.
Seiling-Cook's(Seiling)	Adj E	1700	20	P-line N;trees S.(Okla)
Shamrock (Tex)	1.3 SSE;hwy N	2395	23 S1	80 oct.P-line S.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. ✛ – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


OKLAHOMA CITY 85
STATUTE MILES
GARDEN CITY 257 116.1MC.
DODGE CITY 362 116.1 MC. On request
HUTCHINSON 227 116.1MC
GAGE 266 111.1,116.1MC
LIBERAL AAF
ANTHONY 382 116.1MC. On request
PONCA CITY 368 116.1 MC On request
CHANUTE 284 111.1, 116.1 MC
WICHITA 278KC.118.7. 126.18 MC
WICHITA 332 111.1, 116.1 MC.
INDEPENDENCE AAF 272KC.126.18MC.
PHILLIPS 278 KC.
TULSA 278KC.118.5. 126.18MC.
TULSA 245 116.1MC
CLARENDON (W) 233
CHILDRESS (VHF) (W) W-109.1
ROOSEVELT (VHF) (W) V-108.7
WILL ROGERS 272 KC. 118.7 MC
POST AAF 201KC.126.18 MC.
OKLAHOMA CITY 350 116.1MC.
TINKER AAF 221
ARDMORE 400 116.1 MC On request
AMARILLO 251
ABILENE 107
FT. WORTH 109
FOR DETAILS IN THE OKLAHOMA CITY AND WICHITA AREAS SEE CHART 87
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 12°E TO 9°E
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
TO LA JUNTA
ALBUQUERQUE 83
OMAHA 37
LITTLE ROCK 89
ALBUQUERQUE FORT WORTH
KANSAS CITY ALBUQUERQUE
AMARILLO GREEN 4
BLUE 5
BLUE 6
BLUE 22
BLUE 34
RED 24
RED 10
RED 11
RED FORK 14
AMBER 4
RED 35
OTTAWA
LEBO
VERDIGRIS RIVER
WICHITA FALLS
MARIETTA
LITTLE ROCK
GARDEN CITY
GARDEN CITY AAF
GARDEN CITY No. 1
GARDEN CITY No. 2
GARDEN CITY No. 3
DODGE CITY No. 4
DODGE CITY
DODGE CITY AAF
SATANTA
PLAINS
MEADE
GLENN MARTIN
BEAVER
OKLA.
TEX.
PERRYTON
STAFFORD
PRATT AAF
PRATT MUN
GREENSBURG
KINGMAN
STARK
ASHLAND
MEDICINE LODGE
KIOWA
STRICKLAND
KANS.
OKLA.
BUFFALO
WOODWARD AAF
WOODWARD MUN.
ALVA
JIMMIE RAY
WAYNOKA-KELSEY
GREAT SALT PLAINS AAF
HUTCHINSON COM
HUTCHINSON MUN.
NAS, HUTCHINSON
KECHI
VIOLA
ANTHONY
PORTLAND
OXFORD
TOWANDA
NEWTON
CASSODAY
EL DORADO
EUREKA
IOLA
FREDONIA
CHANUTE
INDEPENDENCE No. 9
INDEPENDENCE
WALTERS
PARSONS
COFFEYVILLE No. 1
COFFEYVILLE No. 2
EDGEWOOD
INDEPENDENCE No. 3
JENSEN
BARTLESVILLE
NOWATA
FALLIN
PAWHUSKA
BLACKWELL
MAUKS
PONCA CITY
KITTENBRINK
WHITE BROS.
TONKAWA
PERRY
NORTH
ENID AAF
WOODRING
GAGE
ARNETT
VICI
SEILING COOK'S
HEMPHILL CO.
PAMPA AAF
PAMPA
PAMPA INT
TWITTY
ARCHER
BENNETT
CLINTON
CORDELL
VICTORY
BESSIE
MUSTANG
WATONGA
KELL AIR
WEATHERFORD
GEARY
KINGFISH
NEWALLA
SHAMROCK
SAYRE
HADDOCK
HUNTER'S
HOHMANN
PONDER
WELLINGTON
ARLIE
CLARENDON
SENTINEL
DILL
CADDO FLY. SVC.
DUKES
ANADARKO
WASHINGTON
HOBART
ROOSEVELT
ALTUS MUN.
ALTUS AAF
WALKER
OLUSTEE
FREDERICK AAF
CAMERON COLLEGE
LAWTON
FORT SILL
GRANDFIELD No. 3
GRANDFIELD
WALTERS
HALLIBURTON
WICHITA FALLS
CHILDRESS AAF
CHILDRESS
TURKEY
COMMERCIAL
100° VERNON INT.
VERNON
SHAWNEE
SEMINOLE
WEWOKA MUN.
WEWOKA COM.
BOREN
HOLDENVILLE
OKLAHOMA CITY
STILLWATER NO. 1
STILLWATER No. 2
CUSHING
STROUD
BRISTOW
SAPULPA
OKMULGEE
COMMERCIAL
HARVEY YOUNG
BROWN
HATBOX MUSKOGEE
HAWK'S
OKEMAH
MUSKOGEE AAF
ST LOUIS FORT WORTH
TULSA NORTH
SKIATOOK
CLAREMORE
LONG
WILL ROGERS
NEOSHO
McALESTER
HARTSHORNE
COMMUNITY
ADA
WALKER
JOLLY AERO
SULPHUR
ATOKA
ARDMORE
ARDMORE MUN
DAVIS
ANTLERS
101° 10'
101°
97°
96°
95°
34° 10'
04'
35°
36°
38° 05'
38
25
0
25
50

OKLAHOMA CITY - WICHITA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Arkansas City (Kans)	3.5 S;RR W	1067	28 S6	73,91 oct.
Arther Arfld (Wichita, Kans)	3 SW;RR N	1290	26 L S6	73,91 oct.No sto.Port rnwy lgts. Poles S.
Baird (Arkansas City)	4 W;hwy S	1100	17 S2	73 oct.P-line S,SW.(Kans)
➔ Beech (Wichita, Kans)	6 E;hwy N	1378	46h L	Factory use only.obst lgts.
Bomhoff (Calumet,Okla)	4.1 SSE	1448	25 S6	73,80 oct. Hwy S
Caldwell (Kans)	1.2 E;RR W	1140	21 S2	73 oct. Poles E,S.
Cannon Ball (Wichita,Kans)	6.5 WSW; hwy N	1300	24 S6	80 oct.No sto.P-line N.
Central (Edmond,Okla)	2.6 NNE	1211	24	RRW
Cessna Acft.(Wichita)	4.5 SE;hwy W	1369	53 S2	80 oct. (Kans)
(P) Chickasha (Okla)	4 NNW;riv S	1140	35h L S6	80,91 oct.Flood lgts.
Cimmarron (Yukon,Okla)	4 WSW;hwy N	1350	20h	Emerg only.P-line NE,E.
Culver (Wichita, Kans)	4 N;hwy W	1320	15h	
➔ Derby (Kans)	1 NNE;RR W			ABANDONED
El Dorado (Kans)	3.6 SE;hwy W	1400	25 S6	80 oct.Soft,wet weather.
(P) El Reno (Okla)	1.5 SW;RR N	1400	26 L S6	80,91 oct.Port rnwy lgts.
Frasier (El Dorado,Kans)	2.5 S;riv W	1300	25 S6	80 oct.Poles E,NE.
Garthoeffner Co. Club (Oklahoma City, Okla)	See Country Club under "New Facilities" - name changed.			
Guthrie Mun	2 SSE;hwy W	1052	26 L3 S6	80 oct. (Okla)
➔ Hilltop (Augusta, Kans)	2 NE;RR SE			ABANDONED.
➔ Ken-Mar (Wichita,Kans)	3 ENE;RR N	1375	23 L S6	80,91 oct. No sto.Port rnwy lgts.Obsts
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Lake View (Yukon, Okla)	2.7 E;RR N	1275	24 S1	80 oct.Poles N,S.
Mariash (Chickasha,Okla)	2 SSE;RR E	1275	30 S2	80 oct. Data unver.
Marlow (Okla)	1.6 N;RR E	1150	22 S6	80 oct.P-line N.
Max Westheimer (Norman, Okla)	2.7 NW;RR E	1178	50h S6	80, 91 oct.
(P) Mustang (El Reno,Okla)	5.3 SSW	1400	52 S6	80,91 oct.
Newkirk Skypark (Okla)	2.5 SE	1140	29	P-line N,NW. RR SW.
(N) Newton (Kans.)	4 ENE;rd S	1527	70h S6	80,91 oct.P-line W,N.
Nuckols (Okla.City, Okla)	7.2 SSW; hwy W	1265	30 S6	80 oct.Poles N,W,SW
OKLAHOMA CITY Range (Will Rogers) (Okla)	350(OL)(116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Pauls Valley (Okla)	2.1 S;RR E	967	35h L1 S4	80,91 oct.
Purcell-Lexington (Lexington, Okla)	See Lexington-Purcell under "New Facilities" - name changed.			
➔ Rawdon (Wichita, Kans)	6.7 E;hwy S	1396	26 L S6	80,91 oct.Port rnwy lgts.
➔ Riverside (Wichita, Kans)	4 NNW;riv E	1310	26	Use in emerg only.
(A) South (Winfield, Kans)(A)	14 SSW	1230	40h	CLOSED.
(P) Strother (Winfield, Kans)	5 SSW;hwy S	1150	58h	
TINKER Army Range (Okla)	221 (DTE)	170°,5.3	BMRAZ	4495
TINKER Tower (Okla)	396 (126.18)+		CA	(3); 126.18
(A) Tinker (Oklahoma City, Okla) (A)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct. JP-1
Tulakes (Oklahoma City, Okla)	8 WNW	1400	44h S6	80,91 oct. Pwr line S
University (Wichita, Kans)	5 NE;RR N	1350	27 L S6	80,91 oct. Port rnwy lgts. P-line E.
University (Langston, Okla)	1 S;road N	1025	26	Bldg SE corner.
➔ Wellington (Kans)	3.5 N;RR W	1290	26 S6	80 oct. P-line sur fld
Wheatley Arpk (Moore, Okla)	0.6 NE;hwy W	1273	24 S6	80,91 oct.
WICHITA Range (Kans)	332(WD)(vhf)	167°,1.0	SBRAZ-DTV	(3);116.1,122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(NG)[Wichita] (Kans)	5.3 SE;hwy W	1373	75h L6 S6	80,91 oct. 100 oct. for Army. Pole N
Wiley Post (Oklahoma City, Okla)	7.9 NNW; hwy E	1216	34 S6	80,91 oct. Trees S
WILL ROGERS Tower (Okla) [Will Rogers] (Oklahoma City, Okla)	272 (118.7) 7.5 SW;hwy E	1283	AC (ILS) 57h L6 S6	(4); 118.7,126.18,122.5 80,91,100 oct
Wilson (Wichita, Kans)	7.5 NE;RR N	1410	29 S6	73 oct. No sto.
➔ Winfield (Kans)	2 E;RR S	1200	20 S6	80 oct. Lgt acft only Pwr line N.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WICHITA	110.3	335	3°		MM- • — • — (0.69)	OM- — • (5.37)	
					MMK-201— • • •	OMK- 317 • — —	
WILL ROGERS	109.9	333.8	350°	IM-	MM- • — • — (0.66)	OM- — — (4.6)	
					MMK-	OMK-	

NEW FACILITIES

Lexington-Purcell (Lexington,Okla.	0.8 WSW; riv W	1100	21 S1	80 oct.No sto.
Country Club (Okla.City, Okla)	7.3S;hwy E	1250	19h S6	80 oct.

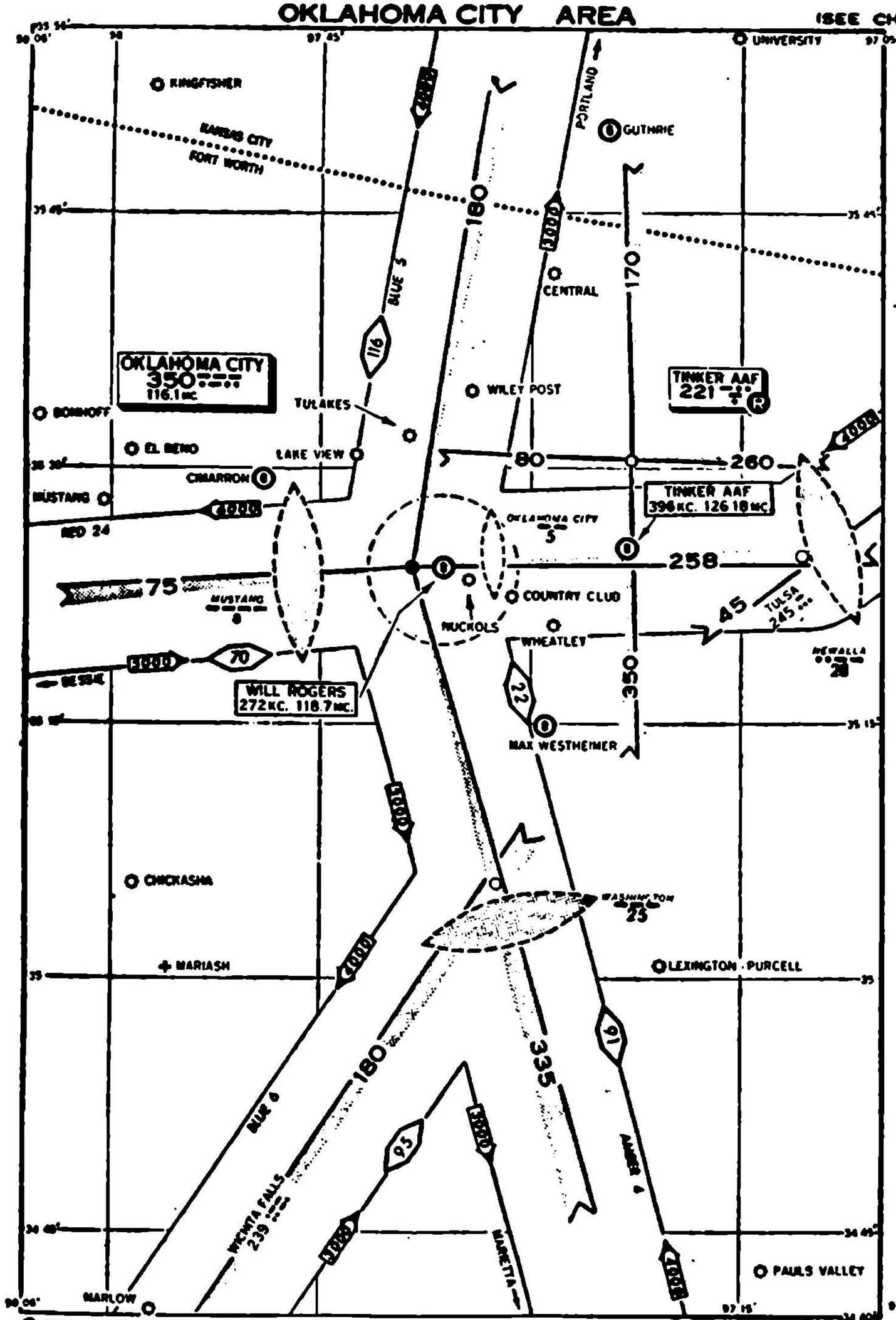
S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice (vhf)-voice on 116 1 and 111 1 mcs +Army A.C.S transmits on and guards 116.1, 137.88, 140.58 mcs

L-lighting facilities S-servicing (see page XIII) ➔ NEW OR REVISED DATA (NC)-Not charted (Jones)-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized

h-hard surfaced runways R-radio facilities

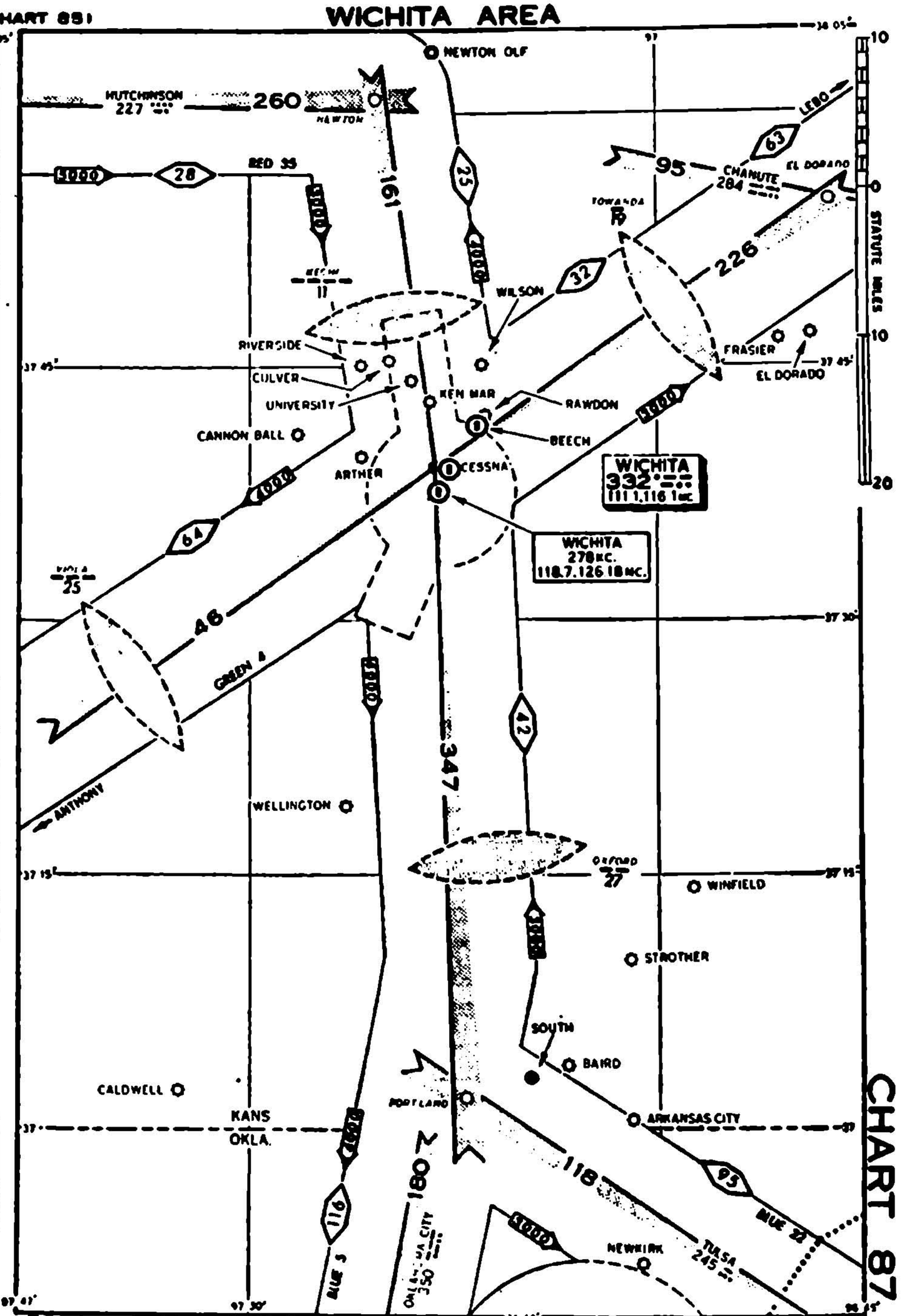
OKLAHOMA CITY AREA

(SEE CHART 88)



● COMPULSORY REPORTING POINT ○ NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

WICHITA AREA



Ⓡ: EXTREMELY HAZARDOUS Ⓓ: USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 87

LITTLE ROCK

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR & DIST. ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
ADAMS Tower (Ark)	278 (126.18, 118.5)		C	(4); 126.18,118.5, 122.5 (7-23)
(NC) [Adams] (Little Rock, Ark)	4 E;RR W	260	52h L5 S6	80, 91 oct 73,100 oct, JP-1,2-ech maint NG.
ADVANCE Range (Int) (Mo)	317(AF)(116.1)	354°, 1.5	SBMRAZ-DTV	(4);116.1,122.1
Advance Int,48,NO-LS	0.8 WSW	355	29 L3	(Mo) N blkd. Trees E.
Alma (Ark)	1.5 ESE;rd S	450	23 S2	80 oct.P-line SPRIVATE
American Legion (Blytheville, Ark)	1.5 ESE;RR N			ABANDONED
Arkansas Polytechnic (Russellville, Ark)	1.3 N;hwy W	350	23 S6	80 oct P-line SE
(P) Atkinson (Pittsburg, Kans)	2.5 NW;RR W	948	40h L S6	80 oct Flood.obst lgts
Bailey (Cabot, Ark)	0.5 W;RR E	270	16 S2	80 oct.Trees sur fld.
Bass (Lula, Miss)	2.2 SSE	200	13 S1	80 oct.N blckd.Hwy E
Batesville (Ark)	3 S;hwy E	400	25 S3	80 oct.P-line NE
Batesville Int,29,NO-LS (Miss)	3 W;hwy SE	205	25 L3	Poles N. lgtd
Benton (Ark)	1.6 W;RR S	300	20 S6	80 oct. Poles S
Bentonville (Ark)	1.5 SSW;RR N	1200	24 S1	80 oct.
Berryville (Ark)	1.3 WNW	1150	13 S1	73 oct.Trees S.RR E
Biggers (Ark)	2 ESE	290	45	RR NW
BLYTHEVILLE Range (Ark)	221 (LY)	226°, 14.2	RLWZ	
(P) Blytheville (Ark)	3 NW;RR SW	254	50h	
Bolivar (Mo)	1.8 WSW	1138	24 S2	80 oct.N,S blkd.Hwy N.
Bowden (Mem, Ark)	1 E;RR NW	1177	16 S1	73 oct.
Bowen (West Memphis, Ark)	1.5 W;hwy N	215	17 L S6	80,91 oct. Floodlgts; port rnwy lgts.Poles
Branson (Mo)	4 W;mtn NNW	1089	19 S4	80 oct.W,NW blkd. SE.
(P) Brinkley,37,DL-LV (Ark)	1 E;RR N	188	31 L3 S1	80 oct days.Obst NW
Cabool (Mo)	0.8 SW		18 S1	80 oct. Data unver
Cape Commercial (Mo)	4.8 SW;Hwy N	340	35 S6	80,91 oct. P-line N
Carbondale (Ill)	1 E;lk 1.5 SW	450	23 S6	80 oct
Carlisle (Ark)	3 NE; RR S	236	45h	
Carthage (Mo)	See Meyers Field under "New Facilities" name changed			
Cassville (Mo)	3.9 S;hwy E	1375	26 S1	80 oct.P-line NE
Central (Little Rock)	4.5 NE;RR S	255	35 S4	80 oct.Trees W.Data un-
Charleston (Mo)	1 ESE;RR NW	300	31 S2	80 oct.Poles Silver (Ark)
Chester (McBride,Mo)	3.8 NW;riv N	372	20h	Allway: 5388 x 4695'
Clarksdale (Miss)	1.5 SE;hwy NW	175	21 L1 S6	80 oct.P-line N
Commercial (De Witt)	2.4 W;RR N	196	24 S6	80 oct.P-line E (Ark)
(P) Conway (Ark)	1.5 SE;hwy W	309	32 S6	80,91 oct
Cooter (Blythev'l,Ark)	10 NE			ABANDONED
Copp (Calico Rock,Ark)	1.8 N	425	18	Fence S.
Dexter (Malden, Mo)	12.5 NNE	215	45h	
Dockery (Stuttgart,Ark)	1.5 NNW	214	24 S6	73,80 oct.P-line N,S,E
Diamond (Mo)	2.1 SSW;Hwy E	1150	19 S2	80 oct.SW,NW blkd.
(A) Dyersburg AAF (Tenn)	9 S;RR E	289	62h	CLOSED. (A)
Dyersburg Mun.(Tenn)	2 SW;riv N	337	40h S4	80 oct. No sto
Earl Fields (Poplar Bluff, Mo)	3.8 ENE; hwy S	325	26 S6	80 oct. P-line S
Embry Riddle (Union City, Tenn)	See Stewart Field under "New Facilities" - name changed			
Erwin (Newport,Ark)	2.5 SSE	220	45h	
Farmington (Mo)	1 ESE;hwy N,E	920	36 S6	80,91 oct.Poles E,N
Farmington Flying Service (Mo)	0.8 NNE; hwy S			ABANDONED
Fayetteville (Ark)	3.8 S;RR W	1251	38 S6	80 oct.
Fleeman (Manila,Ark)	0.8 S;RR N	240	32 S2	80 oct.P-line N,NE
Fletcher (Clarksdale)	8 NNE;RR W	175	20h S6	80, 91 oct (Mo) P-line
Forrest City (Ark)	0.7 W;hwy SE	226	22 S2	80 oct. Bldg S S
Fort Scott (Kans)	4.5 SW;hwy S	900	28 S2	80 oct.
(P) [Fort Smith] (Ark)	4 SSE;RR S	450	35h L5 S6	80,91 oct.P-lineESE,SSW
(A) Gideon (Malden, Mo)	1 SE Gideon	268	45h	CLOSED.
Gilbrech (Palmer, Ark)	0.2 NE;RR S	178	18 S2	80 oct.N/S strip rough
Girard (Kans)	1.7 WNW	950	14	P-line S,WSW Poles W.
Greig (Van Buren,Ark)	4.1 E;riv 1.5 S	450	13	RR 1.5 mi N
Grider (Pine Bluff,Ark)	5.5 SE;hwy N	210	45 L S6	80,91 oct.Port rnwy lgts
Harlas (Malvern,Ark)	2.2 WSW	275	26 S2	73 oct.P-line NE.RR SE
Harris (Cape Girardeau, Mo)	6.5 SSW; hwy E	340	20h S6	80,91 oct. P-line N
Harrison (Ark)	4.1 NW;RR S	1380	32 S2	80 oct.
Harvey Parks (Sikeston, Mo)	See Sikeston Arpt under "New Facilities" - Name changed.			
(A) Hazen (Hazen,Ark) (A)	3.8 WSW	225	45h	CLOSED. RR N.
Heavener (Okla)	2 N;RR W	575	27	Use in emerg. only.
J.B.Wilson (Joiner,Ark)	0.5 ENE	225	15	Trees NE. Hwy W.
Jameson (Picher,Okla)	4.5 W			ABANDONED
John Brown Universtiy (Mosley,Okla)	3.6 ESE; hwy S	1183	27 S4	80 oct Caution.
John's Arpk.(Flippin)	0.3 NNW	620	27 S1	80 oct.N,SE,S,NW blkd.
(P) Jonesboro (Ark)	3.5 ESE; RR N,SW	264	44h S6	80,91 oct Use (Ark) rnwys.
JOPLIN Range (Mo)	400(JH)(vhf)	172°, 6.2	BMRLZ-DTV	(4);116.1,122.1
(P) [Joplin] (Mo)	5 NNE;hwy S	981	43h L4 S6	80, 91 oct. P-line NE
Kennett (Mo)	1.3 E;RR W	260	26	30' poles N
Kennon (Union City, Tenn)	3.2 WSW; hwy N			ABANDONED
King (Houston,Mo)	0.8 WNW	1180	15 S1	80 oct.Poles S Hwy ESE
Lebanon , 54B, AQ-LS	2.5 SSE	1380	26 L3 S6	80 oct.(Mo.) Hwy E.
Levee (W.Memphis, Ark)	2.4 E;RR N	215	24 L S4	80,91 oct.Port rnwy lgts P-line N,S
LITTLE ROCK Range (Adams) (Ark)	353 (LI) (116.1)	313°, 3.8	SBRAZ-DTV	(3); 116.1, 122.1
Luxora Int,39,NO-LS	1 WNW	240	31 L2	(Ark). Hwy S
McFarland [Springfield]	4 SSE;hwy E	1310	34 S6	80 oct. P-line S,NW(Mo
(P) McLaughlin (Hot Spgs, Ark)	See Hot Springs Memorial Fld under "New Facilities" Name changed.			
Macarin (Marion, Ill)	4.6 WNW	470	35 S6	80,91 oct. Hwy W
(A) Malden AAF (Mo)(A)	3.5 NW;RR E	296	50h	CLOSED.
Manila	1.6 NE;lk E	240	75	emerg only.
Marks (Miss)	1.5 NW;hwy N	165	22 S2	73 oct.P-line S.
MEMPHIS Range (Tenn)	371 (PS) (116.1)	356°, 2.1	SBRAZ-DTV	(3); 116 1, 122.1
MEMPHIS Tower (Tenn)	278 (126.18, 118.7)		AC (ILS)	(4); 126.18,122.5,118.7 See Notice to Airmen
(A) [Memphis] (Tenn)	5.9 SSE; RR NE	269	52h L6 S6	73-100 oct JP-1 Rdo rqrd.Obst W,SE,S,NW
Memphis Flying Service (Tenn)	11 SE;RR 3 NW	286	35 L4 S6	80,91 oct.P-line S.No bcn.Lgts prior req Rnwy lgtg data unver
MEMPHIS NAS Tower	293 (142.74)		CN	3105; 142.74 (6-24)
(N) Memphis NAS (Tenn) (N)	16 NNE;RR NW	322	50h L5 S6	73,91,100 oct Lgts on req.
(P) Miami (Okla)	2.2 NNW	800	33h L1 S6	80,91 oct. RR E
Milltown (Tuckerman,	4.5 E;	244	45h	(Ark).Emerg only.
Monett (Mo)	0.5 NE;hwy S	1462	26 S4	80 oct.P-line SW
Monkey Island (Afton, Okla)	7.8 SE;RR NW	750	26 S1	80 oct.P-line W
Murphysboro (Ill)	3 N;riv SE		20 S1	80 oct. Data unver
Neosho com. (Mo)	4.8 NNW	1140	27 S2	80 oct. P-line SW,NW
Neosho 43B,AQ-SL(Mo)	2.8 SW;hwy E	1215	26 L3 S6	80 oct.P-line NE,W,NW
(P) Nevada (Mo)	3 NE;hwy N	850	36 L S6	80 oct. P-line SW,W,NW
Newport (Ark)	6 ENE;hwy N	237	50h S6	73,80,91 oct. Port lgts on req.
Norman (Ola, Ark)	1.8 NNE	348	28	P-line SE. Hwy E
North Cairo (Cairo,Ill)	3 NNW	312	24 S4	73 oct. RR E
Overholt (Cotton Plant)	3 W;RR NE	250	18 S1	Ltd 80 oct. (Ark)
(P) Oxford (Miss)	8 S;riv N,W	400	30 S2	73 oct.
Paris (Ark)	1.8 NE;RR S	500	23 S1	80 oct.P-line W,E,SW,
Poteau (Okla)	1.5 SSW	460	17	RR NW,E
Prairie du Rocher Int, 55, NO-LS (Ill)	0.5 S;RR NE	390	37 L3	Trees S, N
Prairieville (Almyra,Ark)	3 W	205	45h	
Ramsey [Campbell,Mo)	1.6 SW;RR NW	295	18 S2	80 oct.
Rogers (Ark)	2.7 N;RR S	1325	32 S1	80 oct. P-line SE
Rogers Arpk (Springfield, Mo)	2.1 E;hwy W	1367	38 L4 S6	80,91 oct, Lgts prior req. Pwr line N
Rolla (Mo)	3.5 NE;rd S	1201	31 L S6	80,91 oct.Port rnwy lgts
Round Pond (Ark)	1.5 NNW	200	22 S2	80 oct. Hwy N
(P) Sanders (Walls,Miss)	1.8 S;hwy NW	210	40 S6	73,80 oct.Trees E
Searcy (Ark)	2.8 S;RR E	260	21 S1	80 oct.P-line NE,SE
Sky Haven (W.Plains,Mo)	2.4 NW	1049	22	RR E
Sloan (Black Rock,Ark)	0.5 NE;RR W	270	16	
Smith (Hasty,Ark)	3 SSW;rd E,S	1150	16 S1	80 oct. N,S blkd.
Springdale (Ark)	0.8 SSE; hwy W	1200	19 S4	80 oct. P-line NE,SW
SPRINGFIELD Range (Mo)	254 (SX) (vhf)	134° 4.3	SBRAZ-DTV	(4);116.1,122.1
(A) [Springfield] (Mo)	5.5 WNW; RR NE	1269	56h L5 S6	80,91,100 oct. 100 oct for ArmyUse rnwys only
Steele (Blythev'l,Ark)	12.3 N			ABANDONED
Stilwell (Okla)	1.4 N;RR W	1125	18 S2	80 oct.
STUTTGART Range (Ark)	269 (DSA)	173° 4.7	MRLWZ	
Stuttgart (Ark)	7 N;RR E	230	50h S6	80,91 oct.
Tahlequah (Okla)	4.3 N;rd E	1050	22 S6	80 oct.
Thompson-Robbins (Helena, Ark)	6 NW;RR S	242	20h S6	73,80 oct
Toney (Pine Bluff,Ark)	2.5 N;hwy W	215	28 S2	80,91 oct.Twr NW lgtd
Tucker (Hughes,Ark)	1.1 S;RR W	205	26 S2	80 oct.
(A) Walcott #3 (Walnut Ridge, Ark) (A)	14 ESE	285	45h	1.5 W of Walcott CLOSED.NOT MAINT
WALNUT RIDGE Range (Ark)	362 (DWR)	174°, 5.0	MRLWZ	
Walnut Ridge (Ark)	4 NE;RR SE	275	50h	
Whiteville Int, 49, DL-LV (Tenn)	0.6 NNW;RR E	494	30 L3	
Wilson (Memphis, Tenn)	11.5 SE;hwy W	320	26 S6	73 oct
Wynne (Ark)	3.2 N;RR E	212	25 S3	80 oct. P-line E, SE

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
MEMPHIS	109.9	333.8	86°	IM-	MM- •-•-(0.69)	OM- – –(4.88)	
					MMK-201 •••	OMK- 215 •–•–	
				IM-	MM-	OM-	
					MMK-	OMK-	

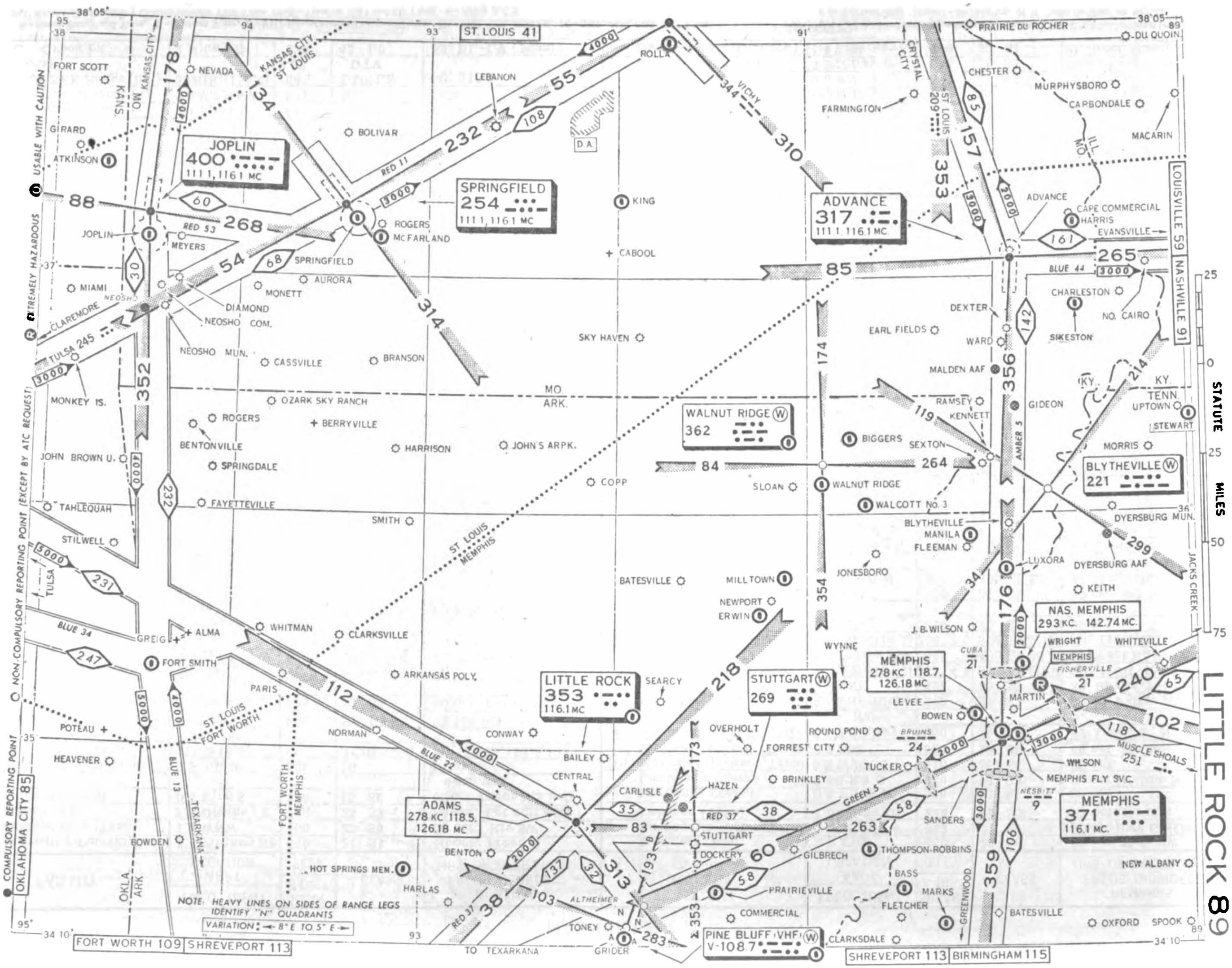
NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR & DIST. ELEV.	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
PINE BLUFF Range(Ark)	108.7 (PL)		VARW	
Clarksville (Ark)	2.5 E;hwy S	425	27 S1	P-line SE,WSW
Whitman (Ozark,Ark)	1.2 NNW		22 S1	80 oct. Hwy SW
Martin (Memphis,Tenn)	6 ENE;RR N	258	22 S6	80,91 oct.P-line S.
Ozark Skyranch (Eureka Springs,Ark)	6.5 NW;riv E	1150	24 S1	80 oct.Trees,p-line W,NW. Caution.
Central (North Little Rock,Ark)	5 ENE;hwy S	255	35 S4	80 oct.Trees W.Caution.
Wright (Memphis,Tenn)	9 N;hwy,RR E	214	35 S2	80 oct.P-line E.
Morris (Oblon,Tenn)	0.3 NW	340	25	P-line S.
Uptown (Union City,Tenn)	1 NE;hwy SE	350	15 S4	80 oct.No sto.P-line S.
Keith (Henning,Tenn)	1 SW;RR SE	350	12 S1	80 oct.Trees W,SW,E.
Toloson (Mt.Ida,Ark)	0.3 N	650	24 S1	73 oct.P-line both ends.Soft.
Lessenburg (Parkin,Ark.)	1.3 SW;hwy E	200	12 S2	80 oct.Trees N
Patton (Clinton,Ark.)	2.1 S;hwy E	755	25	N,NE,S,SW blkd.
Owen (Seymour,Mo)	3 NE	1600	21 S2	80 oct,Use strip only.
Gainesville (Mo)	2 ENE;hwy SW	1060	18 S1	80 oct.Trees NW.
Fredericktown (Mo)	4.8 S;hwy W	1000	15 S2	80 oct,Trees S,NE.Bldg N
Clover Hill Exeter,Mo)	0.7 WNW	1530	13	Use strips only.
Harper (Joplin, Mo)	2.5 W;hwy N	1050	30 S6	80 oct,N,S,SW blkd.Poles
Van Buren (Mo)	3.5 NE;hwy W	560	24 S6	80 oct. NW,NE
Willow Springs (Mo)	0.7 E	1220	20 S1	80 oct.N blkd.
Downing (Hayti,Mo)	1.5 W;hwy S	270	16 S2	80 oct.P-line S.
Stewart (Union City,Tenn)	5 ESE;hwy NE		18h L S6	80,91 oct.Flood lgts.
Meyers (Carthage,Mo)	2 S;hwy E	1007	26 L S6	80 oct.Port rnwy lgts.
Van Buren (Mo)	3.5 NE;hwy W	560	24 S6	80oct P-lineNE,SW,E,S
Harper (Joplin,Mo)	2.5 W;hwy N	1050	30 S6	80 oct.N,S,SW blkd Poles
Owen (Seymour, Mo)	3 NE;orchard E	1600	21 S2	80 oct.Use strip only NW NE
Gainesville (Mo)	2 0 ENE;hwy SW	1060	18 S1	80 oct.Trees NW
Fredericktown (Mo)	4.8 S;hwy W	1000	15 S2	80 oct.Trees S,NE;bldg N
Clover Hill Airstrip	0 7 WNW	1530	13	Use strip ohly
Willow Springs (Mo)	0 7 E	1220	20 S1	80 oct.N blkd.
Downing (Hayti, Mo)	1 5 W;hwy S,	270	16 S2	80 oct.P-line S.Use strip
Carlisle (Ark)	0.5 S;hwy N	240	26 S2	80 oct P-line N;trees S
Buffalo Mun.(Mo)	1.2 NW;hwy E	1200	13 S2	80 oct Trees NE
Cabool (Mo)	1 SW	1200	18 S1	80oct Trees N;p-line S
Dixon (Mo)	1 5 W;RR S	1220	16 S1	80oct TreesNNE,NW
Sikeston (Mo)	2 NE; RR S	315	58 S6	80 oct. P-line W.
[P]Hot Springs Memor'l (Ark)	38W;RR N	525	41h L5 S6	80,91 oct. Bldg,Twr N, Rnwy lgts prior req.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116 1 and 111 1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities

L-lighting facilities S-servicing (see page IV) →NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized


ST. LOUIS 41
JOPLIN 400 111.1, 116.1 MC
SPRINGFIELD 254 111.1, 116.1 MC
ADVANCE 317 111.1 116.1 MC
WALNUT RIDGE (W) 362
BLYTHEVILLE (W) 221
LITTLE ROCK 353 116.1 MC
STUTTGART (W) 269
MEMPHIS 278 KC 118.7, 126.18 MC
NAS. MEMPHIS 293 KC. 142.74 MC.
MEMPHIS 371 116.1 MC.
ADAMS 278 KC 118.5, 126.18 MC
PINE BLUFF VHF (W) V-108.7
FORT WORTH 109
SHREVEPORT 113
BIRMINGHAM 115
TO TEXARKANA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 8° E TO 5° E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
OKLAHOMA CITY 85
LOUISVILLE 59
NASHVILLE 91
JACKS CREEK
STATUTE MILES
LITTLE ROCK 89

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Abernathy (Pulaski, Tenn)	3.6 SSW; hwy NE	650	31 S1	80 oct. Trees E.
Ashland City (Tenn)	1.8 WNW	400	22 S6	80 oct. Riv SW.
Athens (Ala)	3.2 NNW; hwy E	780	26 S2	80 oct. Lgt acft only.
Baldwyn (Miss)	0.5 E; rd S	380	15 S2	80 oct. Trees N, S. Soft when wet.
Beaver Dam (Decatur)	7 E; RR W	580	20	(Ala)
BERRY Tower (Tenn)	278 (118.3, 126.18)		AC(ILS-W)	(4); 126.18, 118.3, 122.5
(P) [Berry] (Nashville, Tenn)	6 SE; hwy S	606	55h L6 S6	73,100 oct.
Bomar Airways (Shelbyville, Tenn)	5 N; hwy W	825	22 S6	80 oct. P-line W.
BOWLING GREEN Range	368 (BA)	296°, 3.8	SBMRAZ-DT	(4)
(P) Bowling Green (Ky)	2.5 SSE; hwy W	540	40h L5 S4	80, 91 oct. Fld lgts on req. to commun. stn.
Boyd (McMinnville, Tenn)	4.6 SW; RR N	1000	20	
→ Brown (Hohenwald, Tenn)	1 ESE; hwy S	950	20 S1	80 oct. P-line SE, SW
(A) Campbell AAF (Hopkinsville, Ky.) (A)	12.8 S; RR E	557	54h L5	
CHATTANOOGA Range (Tenn)	341 (CG) (116.1)	203°, 3.0	SBRAZ-DTV	(3); 116.1, 122.1
CHATTANOOGA-LOVELL Tower (Tenn)	278 (126.18, 118.9)		C	(4); 126.18, 118.9, 122.5
[Chattanooga-Lovell]	5.5 E; RR E	678	45h L5 S6	80, 91 oct. (Tenn)
✈ Clifton (Tenn)	1.4 E Lake W	402	28 S1	80 oct.
Cookeville (Tenn)	1.5 NNE; RR N	1050	25 S4	80 oct. Sto. in emerg. Poles W.
Corinth 7, PS-TM (Miss)	5 WSW; hwy N	418	39 L3 S4	80, 91 oct.
Cornelia Fort (Nashv'l) Tenn)	6 ENE; riv E	420	30 L S6	80 oct. Flood, strip lgts 2200, Mon thru Thurs.
(A) Courtland AAF (Ala) (A)	1.5 SW; RR N	588	50h	CLOSED.
(P) Crossville, 9, NA-WA	3.3 WNW; hwy S	1862	30 L3	(Tenn)
Cumberland (Nashville)	3 NNW; riv N	400	34 S6	80 oct. No sto. (Tenn)
Dalton (Ga)	5.7 ESE	700	22 S1	80 oct.
Davenport (Ft. Payne, Ala)	1.1 E; RR, hwy NW	1010	26 L S4	80 oct. Flares prior req.
DeSoto Park Land Strip (Ft. Payne, Ala)	6 NE	1556	18	
Dick's (Fayetteville, Tenn)	1.5 S; hwy E	600	14	P-line E; trees W
Franklin Air Svc. (Tenn)	1.3 WSW	645	18 S1	80 oct. E blocked.
→ Garnett (Hopkinsv'l, Ky)	5.5 SSE; RR W	550	23 S4	80 oct.
(P) Gill-Dove (Martin, Tenn)	3.5 S; hwy E	416	35 S6	80 oct.
★ Graham Int, 59, DL-LV	1.5 NW; hwy E	536	27 L3	(Tenn)
Graves Co. (Mayfield, Ky)	3.6 ENE; hwy S	543	26 S1	80 oct.
Guntersville Dam (Ala)	9.1 NW; hwy E	600	30	
Hartselle (Ala)	1 WSW; hwy N	588	18 S4	80 oct.
Humboldt (Tenn)	4.6 ESE; hwy W	380	15 S1	80 oct.
[Huntsville] (Ala)	3.1 S; RR E	610	38h S6	80-91 oct.
(A) Huntsville Arsenal (A)	7 SW; RR NW	677	56h	(Ala)
JACKS CREEK Range (Int.) (Tenn)	332 (JK) (116.1)	186°, 2.62	BMRLZ DTV	(4); 116.1
★ Jacks Creek Int,	2 N; hwy E	550	43 L3	53, DL-LV (Tenn)
Jackson (Tenn)	2.5 ENE	450	28 S6	80 oct. Hwy NW.
La Fayette-Trion (Trion)	3 NNE; RR W	722	21 S1	80 oct Hwy E. (Ga)
Lebanon (Tenn)	1.8 SW; hwy E	522	28 S6	73 oct. No sto.
Lexington (Tenn)	0.5 E; RR W	520	10 S1	80 oct.
Lewisburg (Tenn)	0.5 S; RR E	720	18 S2	80 oct. P-line N
(P) McKellar (Jackson, Tenn)	5.8 W; RR S	410	36h S6	80 oct.
Madison Air Strip (Tenn)	2.3 ESE	560	19 S6	80 oct. No sto.
* Manchester Int, 16A, AG-NA (tenn)	4.5 ESE; hwy SW	1090	29 L3	53' trees W, N
Maury Co. (Mt. Pleasant)	2.5 ENE; RR SW	672	31 S2	80 oct. P-line NW. (Tenn)
Milan (Tenn)	2.8 NNE	421	25 S5	80, 91 oct. RR SE
MUSCLE SHOALS Range	251 (ED) (116.1)	282°, 4.6	SBRAZ-DTV	(4); 116.1 (Ala)
Muscle Shoals (Ala)	1.5 E; dam NW	545	40h L5 S6	80, 91 oct. No fuel for mil acft.
NASHVILLE Range (Berry)	304 (NA) (116.1)	246°, 2.6	SBMRAZ-DTV	(3); 116.1, 122.1
North Sauty Base (Scottsboro, Ala)	3.2 SSW; Lake S	610	20 S1	80 oct.
Outlaw (Clarksville, Tenn)	7.4 NNW	550	37 S5	80 oct. RR W
Paducah-McCracken Co (Paducah, Ky)	8.8 W; RR N	405	40h L5 S6	80, 91 oct. No sto. Fld lgts prior req.
Paris (Tenn)	4.3 NW; hwy N	500	28 S6	80 oct. No sto. P-line N
Pryor (Decatur, Ala)	4 NNE; hwy W	588	44 S6	80, 91 oct. NW.
Rossville (Ga)	2.1 SSW	760	21 S1	80 oct. S blkd. Hwy E
Skv Harbor (Murfreesboro, Tenn)	7.3 NW; hwy SW	560	39 S6	73 oct. No sto. P les NE.
SMITHVILLE Range (Int.)	347 (XM) (116.1)	177°, 1.4	SBMRAZ-DTV	(4); 116.1 (Tenn)
★ Smithville Int, 5, NA-WA	1 E; rd S	1073	34 L3 S1	80 oct. (Tenn)
SMYRNA AAF Tower (Tenn)	219 (126.18)+		CA (ILS)	(3); 126.18
(A) Smyrna AAF (Nashville, Tenn) (A)	17 SE; RR SW	512	55h L5 S3	73, 91, 100 oct JP-1
S.T. College (Murfreesb'o)	2 E; hwy N	600	34 S4	80 oct. Poles N. (Tenn)
→ Thomas (Chattanooga)	3 N; RR E	640	38	(Tenn)
University of South	1 8WNW; RR NE	870	23 S2	80 oct. (Cowan, Tenn)
Wilks (Fayetteville, Tenn)	2.5 NNW; hwy E	650	20 S2	80 oct.
(A) William Northern (A)	2 WNW; rd S	1081	50h	CLOSED. (Tullahoma, Tenn)
Wood-Dearing (Russell v'l, Tenn)	4 E	780	20 S4	Fuel from town

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

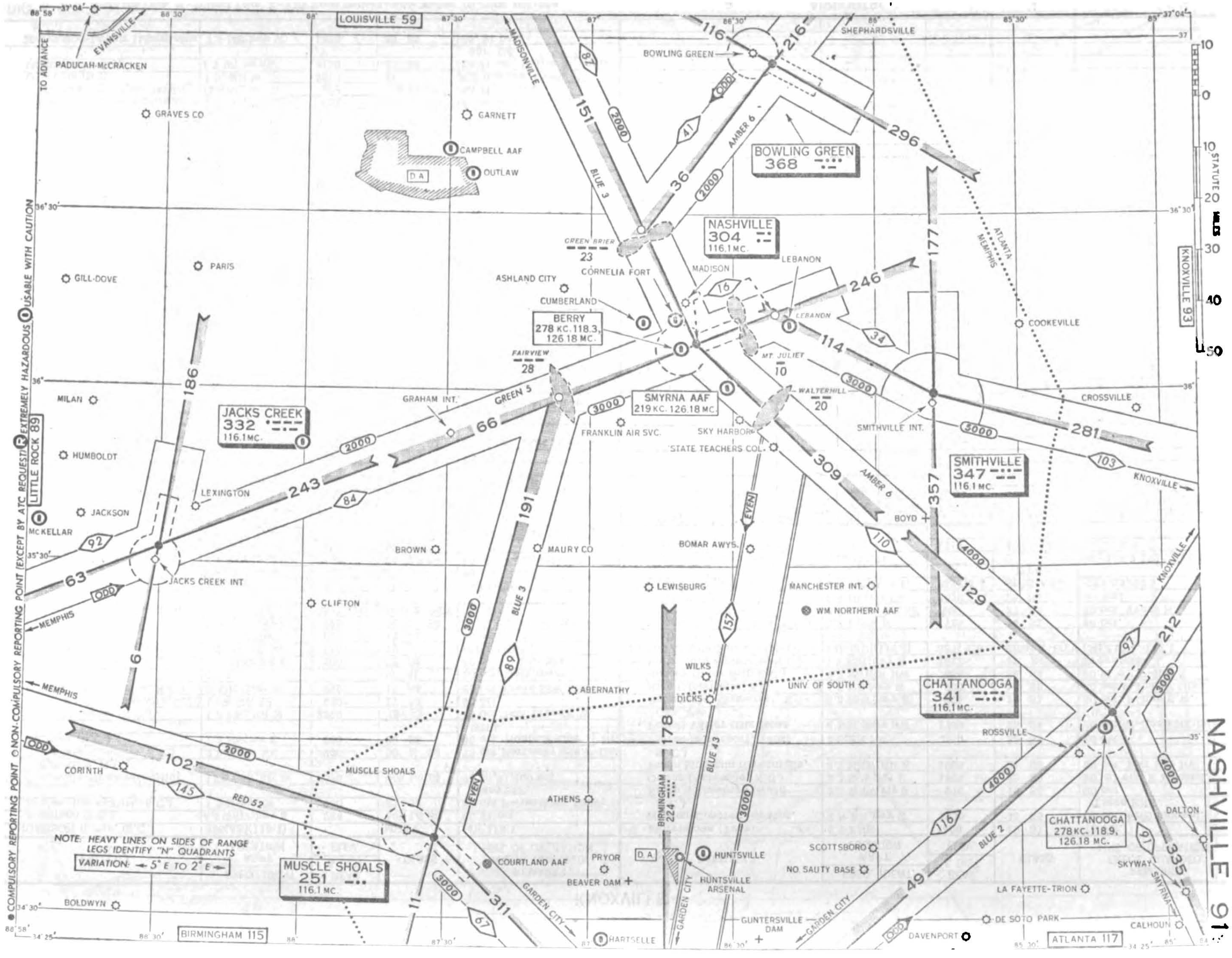
LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BERRY	109.9		14°	IM-	MM- •—•—• (0.81)	OM- — — (5.7)
					MMK- 356 •—••	OMK- 375 •••—
SMYRNA AAF (A)	109.5 —•• •—•	332.6	230°	IM- (0.04)	MM- •••••• (0.81)	OM- — — (4.31)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

→ Greenfield (Tenn)	2 SSW; riv S	410	35 S1	80 oct. P-line N	NW —
→ Moody (Oneonta, Ala)	1.5 NE; hwy 0.5 NW	790	18 S4	80 oct. Soft when wet, blkd,	
→ Abington (Beebe, Ark)	1.5 WSW; RR S	300	24 S1	80 oct. P-line SE, N, NE,	
→ Princeton (Cedar Bluff)	4 SSW; hwy S	400	25 S1	80 oct. Trees SW. (Ky)	
→ Standard (Elkton, Ky)	0.5 SW; hwy N	540	22 S1	80 oct. Water tank E of N	
→ Marian (Hazel, Ky)	3.2 N; hwy E	532	21 S1	80 oct. Poles E, NE.	end
→ Davis-Norris (Glasgow)	1.4 WSW; hwy SE	760	20 S1	91, 80 oct. Muddy.	strip

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. ✚ – Army A.C.S. transmits on and guards 116.1, 127.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


NASHVILLE 91
LOUISVILLE 59
PADUCAH-McCRACKEN
EVANSVILLE
TO ADVANCE
LITTLE ROCK 89
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
NON-COMPULSORY REPORTING POINT
GRAVES CO
GARNETT
CAMPBELL AAF
OUTLAW
D A
PARIS
GILL-DOVE
MILAN
HUMBOLDT
JACKSON
McKELLAR
LEXINGTON
JACKS CREEK INT
CLIFTON
BROWN
MAURY CO
LEWISBURG
BOMAR AWYS.
MANCHESTER INT.
WM NORTHERN AAF
WILKS
DICKS
ABERNATHY
UNIV OF SOUTH
CORINTH
MUSCLE SHOALS
ATHENS
COURTLAND AAF
PRYOR
BEAVER DAM
HUNTSVILLE
HUNTSVILLE ARSENAL
SCOTTSBORO
NO. SAUTY BASE
GUNTERSVILLE DAM
LA FAYETTE-TRION
DE SOTO PARK
DAVENPORT
CALHOUN
SKYWAY
DALTON
ROSSVILLE
BOLDWYN
HARTSELLE
BOWLING GREEN
SHEPHARDSVILLE
BOWLING GREEN 368
NASHVILLE 304 116.1 MC.
GREEN BRIER 23
CORNELIA FORT
ASHLAND CITY
CUMBERLAND
BERRY 278 KC. 118.3, 126.18 MC.
FAIRVIEW 28
MADISON
LEBANON
MT. JULIET 10
WALTERHILL 20
COOKEVILLE
CROSSVILLE
SMYRNA AAF 219 KC. 126.18 MC.
FRANKLIN AIR SVC.
SKY HARBOR
STATE TEACHERS COL.
SMITHVILLE INT.
SMITHVILLE 347 116.1 MC.
JACKS CREEK 332 116.1 MC.
GRAHAM INT.
MUSCLE SHOALS 251 116.1 MC.
CHATTANOOGA 341 116.1 MC.
CHATTANOOGA 278 KC. 118.9, 126.18 MC.
HUNTSVILLE 224
BIRMINGHAM 115
ATLANTA 117
KNOXVILLE 93
ATLANTA MEMPHIS
MADISONVILLE
BLUE 3
BLUE 43
BLUE 2
AMBER 6
GREEN 5
RED 52
GARDEN CITY
EVEN
ODD
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 5° E TO 2° E
STATUTE MILES
NAUTICAL MILES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ANDERSON R Fac. (S.C.)	236(AS)(116.1)		MHTV	(4); 116.1
Anderson (S.C.)	4.5 WSW;hwy S	783	50h L5 S6	80,91 oct.
Ashley (Honea Path, S.C.)	1.5 E;hwy N	780	21 S2	80 oct.P-line WNW,NNW; trees SSE.
(P) [Asheville-Hendersonville] (Asheville, N.C.)	11.5 SSE;RR W	2090	40h L5 S4	73,80,91,100 oct.
(P) Barksdale (Laurens, S.C.)	2.8 E;RR NE	700	30 L S6	73 oct.Port rnwy lgts.P-line
Belmont (N.C.)	1.3 NE;riv E	740	20 S6	80 oct. No sto.P-line NE WNW.
→ Black Mountain (N.C.)	1.8 SW; RR N	2270	18 S2	80 oct. Soft.Trees E,W.
Bridges (Kings Mountain,N.C.)	1 SW;RR SE	930	17 S2	80 oct.
Bridges Arpk (Shelby, N.C.)	3.3 NE;lake W	975	18 S6	80 oct.Trees SSW,ESE.
Bristol (Va)	3 NE		18 S1	80 oct. Data unver.
Brockenbrough (Derita,N.C.)	3.8 WNW;RR E	800	22 S6	80 oct. P-line SSE.
Burris (Lincolnton, N.C.)	2.2 SW;RR SE	960	10	UNUSABLE.
Byers (Shelby, N.C.)	3 SE;RR SW	875	16 S4	80 oct.
Cannon (Charlotte, N.C.)	3 WNW; hwy S	788	24 L S6	80,91 oct.Flood lgts on req
CHARLOTTE Range (Douglas) (N.C.)	212 (CF)(116.1)	359°,1.7	BMLZ-DTV	(3); 116.1
Chesnee (S.C.)	2 S; RR W	910	18	PRIVATE.
(P) Chester (S.C.)	5 NNE; RR W	709	50h S4	80 oct. No sto.
Chilhowie,29B,NA-WA (Va)	3.9 SE;riv N,SW	2100	34 L3 S4	80 oct.P-lines SW,NE.
Coulbourn (Lancaster, S.C.)	1 SSW;hwy SW	560	32 S4	80 oct.
DOUGLAS Tower (N.C.)	396 (126.18,118.9)		C	(4); 126.18,118.9,122.5
(P) [Douglas] (Charlotte, N.C.)	5.5 W;RR N	745	52h L5 S6	80, 91 oct.
Elkin (N.C.)	2.8 SW;RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Fairforest (Spartanburg,S.C.)	5.8 WNW;rd W	830	23 S6	80 oct.
→ Francis Marion (Marion,N.C.)	2.5 NE;RR E	1450	19 S6	80 oct. Hill E
Franklin (N.C.)	1.2 ESE;riv W	1996	23 S2	80 oct.
Galax (Va)	6.5 S;hwy E	2575	27 S4	80 oct.
Gastonia, mun. (N.C.)	4.5 SSE;hwy SW	800	30h L S1	80,91 oct. Port rnwy lgts. on req.
GREENVILLE Range (S.C.)	281(GC)(116.1)	2° ,1.9	BMLZ-DTV	(4);116.1,122.1
[Greenville] (S.C.)	3.2 E;RR SE	1015	42h L5 S6	80,91 oct. 100 oct. in emerg. No bndry lgts.
GREENVILLE AAB Tower (S.C.)	272 (126.18)+		CA	(3); 126.18
(A) Greenville AAB (S.C.) (A)	7.5 SSE;hwy W	959	55h L5 S6	73,100 oct. JP-1. No sto.
H & H Flying Service (Brevard, N.C.)	1.5 ENE;riv S RR N	2140	20 S1	80 oct. P-line WNW.
→ Hendersonville (N.C.)	1.5 ESE;RR SE	2200	30 S6	80, 91 oct. SE blkd.
Hickory (N.C.)	2.2 W;RR S	1180	40h S6	80, 91 oct.
→ Island (Knoxville, Tenn)	2.5 E	831	43 S6	80,91 oct.
Jasper (Ga)	1 N;RR W	1935	17 S2	80 oct.
→ Johnson City (Tenn)	3.8 NE	1560	21 S6	81 oct. No sto.
Josephson (Asheville, N.C.)	3 W;riv E	2200	20 S1	80, 91 oct.
King Field (Clemson, S.C.)	2.4 ENE;RR NW	900	20 S4	80 oct. Trees N.
Kings Mountain (N.C.)	3.5 SW;RR SE	980	23 S2	80, 91 oct.
KNOXVILLE Range (McGhee Tyson)Tenn.	257 (KX)(116.1)	192°,2.8	SBRAZ-DTV	(3): 116.1, 122.1
→ KNOXVILLE Tower (Tenn)	See Mc-Ghee Tyson under "New Facilities" - name changed			
(P) [Knoxville-McGhee-Tyson] → (Knoxville, Tenn)	See McGhee-Tyson Arpt listed in alphabetical order-name changed			
Lakeside (Dandridge, Tenn)	6.5 E;hwy S	1000	23	
(P) Le Tourneau (Toccoa, Ga)	2.5 NE;RR S	950	30 L3 S4	80, 91 oct.
Lincolnton (N.C.)	3.2 ENE;hwy S	960	23 S6	80 oct. P-line SSW
MEMORIAL Tower (S.C.)	317 (126.18, 118.7)		C	(4); 118.7,126.18,122.5
(N,P) [Memorial] (Spartanburg,S.C)	2.5 SW;hwy SE	804	44h L5 S6	80,91 oct.100 oct.mil.NATS.
→ (P) [McGhee-Tyson] (Knoxville)	12 SSW;hwy E	988	50h L6 S6	80,91,100 oct.
Micaville (N.C.)	1 S; RR W	2500	21	N,S blocked. Creek E.
Middlesboro (Ky)	1.2 W; hwy S	1150	23 S6	80,91 oct. P-line W. Mtns sur. fld.
Morganton-Lenoir (Morganton, N.C.)	7.5 NE;hwy W	1253	33 S2	80, 91 oct.
Morristown (Tenn)	5.7 ENE	1400	19 S1	73 oct.
Newton-Conover (Newton, N.C.)	2 N;RR,hwy E	1030	15 S6	80 oct. NNE blocked. Trees ENE.
North Wilkesboro (N.C.)	1.3 WSW;riv S	970	15 S4	80 oct.
Owens (Asheville, N.C.)	2.3 SSW;RR E	1988	25 S6	80, 91 oct. E blocked.
Paris Mountain (Greenville, S. C.)	4.2 NNW;RR E	1006	21 S6	80 oct. Pwr line NW.
→ Pierce (Kingsport, Tenn)	3 S;RR NW	1210	22 S6	80 oct.
Powell Valley (Big Stone Gap, Va)	4 ESE;hwy NW	1700	25 S4	80 oct. P-line ENE;hills W.
Pulaski Co. (Sumerset, Ky)	3.5 SSW;hwy E	675	16 S1	80 oct. P-line E,W.
Rice (Monticello, Ky)	1.8 NE;hwy W	920	18 S2	80 oct.F-line W.Mtns E.
Roddey (Rock Hill, S.C.)	2.7 SW;RR NW	664	28 S4	80,91 oct.P-line S.
→ Rutherford (Spindale, N.C.)	1.5 SSE;hwy N	1012	17 S4	Trees NNW.
SPARTANBURG Range (Memorial) (S.C.)	248 (SU)(116.1)	58°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
Spindle City (Gastonia, N.C.)	3.2 E;RR N	795	19 S2	80 oct.
Statesville (N.C.)	4.5 WSW; RR SE	990	27 S2	80 oct. Trees N.
Sylva (N.C.)	2.4 NE;riv SW	2039	25 S2	No fuel.
TRI-CITY Range (Bristol,Tenn)	221 (TI)(116.1)	252°,3.3	SBMRAZ-DTV	(3);116.1,122.1
TRI-CITY Tower (Tenn)	278(118.7)		C	(4); 118.7,122.5,126.18
(P) [Tri-City] (Bristol,Tenn)	14.5 SW	1518	45h L5 S6	80, 91 oct.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

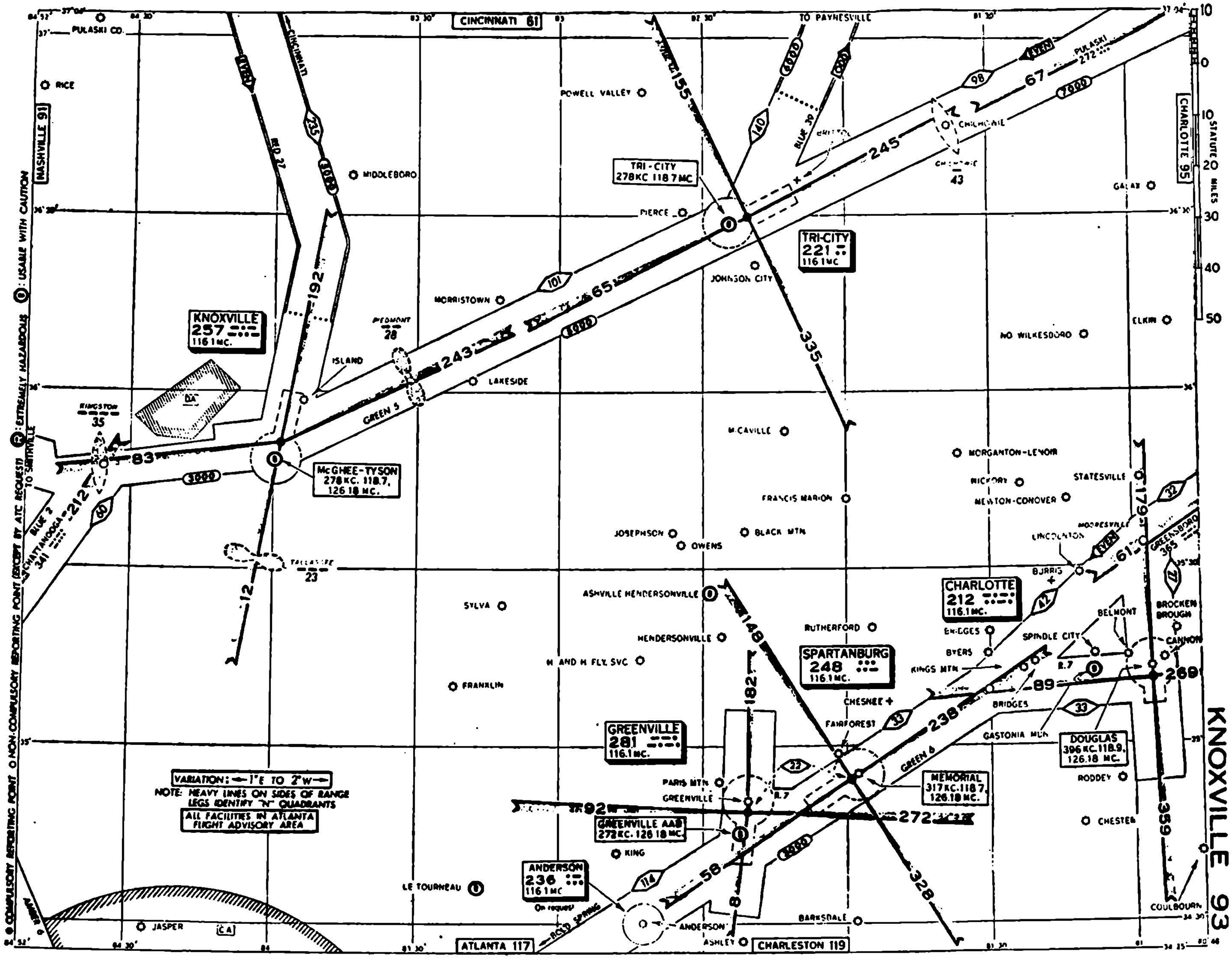
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
→ Mc-GHEE-TYSON	110.3	335	44°	MM- ·—· (0.61)	OM- — — (4.34)
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-

NEW FACILITIES

→ Combs (Bristol,Va)	3 NE	1866	20 S6	80 oct.P-line N.
McDonald (Spindle,N.C.)	1,2 SSE;hwy W	1000	20	Trees S.
Mc-GHEE TYSON Tower (Tenn) →	278 (126.18, 118.7)		C (ILS)	(4);118.7,126.18,122.5

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) * - Guarded only when associated tower inoperative.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


KNOXVILLE 93
CINCINNATI 61
TO PAYNESVILLE
PULASKI CO.
RICE
NASHVILLE 91
POWELL VALLEY
MIDDLEBORO
PIERCE
CHARLOTTE 95
GALAX
TRI-CITY
278KC 118.7MC
TRI-CITY
221
116.1MC
JOHNSON CITY
MORRISTOWN
KNOXVILLE
257
116.1MC.
PIEDMONT
28
ISLAND
LAKESIDE
ELKIN
NO WILKESBORO
KINGSTON
35
GREEN 5
McGHEE-TYSON
278KC. 118.7.
126.18 MC.
M'CAVILLE
MORGANTON-LENOIR
HICKORY
STATESVILLE
NEWTON-CONOVER
FRANCIS MARION
JOSEPHSON
OWENS
BLACK MTN
LINCOLNTON
MOORESVILLE
GREENSBORO
365
TAZEWELL
23
ASHVILLE HENDERSONVILLE
SYLVA
HENDERSONVILLE
H AND H FLY SVC
FRANKLIN
BURRIS
CHARLOTTE
212
116.1MC.
BRIDGES
BYERS
KINGS MTN
SPINDLE CITY
BELMONT
BROCKEN BROUGH
CANNON
RUTHERFORD
SPARTANBURG
248
116.1MC.
CHESNEE
FAIRFOREST
GASTONIA MUN
DOUGLAS
396 KC. 118.9.
126.18 MC.
GREEN 6
MEMORIAL
317KC. 118.7.
126.18 MC.
RODDEY
CHESTER
COULBOURN
PARIS MTN
GREENVILLE
GREENVILLE
281
116.1MC.
GREENVILLE AAB
272KC. 126.18 MC.
KING
ANDERSON
236
116.1 MC
On request
LE TOURNEAU
ROCK SPRINGS
BARNSDALE
ANDERSON
ASHLEY
CHARLESTON 119
ATLANTA 117
JASPER
GA
CHATTANOOGA
341
BLUE 3
VARIATION: 1°E TO 2°W
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA
O: USABLE WITH CAUTION
E: EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
STATUTE MILES
10
0
10
20
30
40
50
155
140
98
67
7000
245
43
192
101
65
243
335
83
3000
212
60
12
192
135
22
148
182
92
272
58
114
328
8
179
32
61
77
42
89
269
359
33
238
22
R-7
4000
5000
6000

CHARLOTTE

NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BMLZ-DTV;359°, 1.7	(3);116.1,122.1
DOUGLAS ARPT. (Charlotte)	396(126.18, 118.9)	C	(4); 126.18,118.9,122.5
GREENSBORO	365(GW)(116.1)	SERAZ-DTV	(3);116.1,122.1
Greensboro-High Point Airport	219(126.18, 118.7)	C; 241°, 1.5	(4);118.7,126.18,122.5
→LUMBERTON	278(FNE)	MH	(3)
POPE (Ft. Bragg) (Army)	338(DOP) (116.1)	SBMRAZ-V 355°,2.3	(3); 116.1
Pope Field	396(126.18)+	CA(ILS);355°, 2.3	(3);126.18
RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116.1)	SBRAZ-DTV(ILS) 299°, 3.8	(3);116.1,122.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4); 126.18,118.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	MRLWZ;328°, 5.1	

SOUTH CAROLINA

FLORENCE	320(FLY)(116.1)	SBMRLZ-DTV, 292°,1.7	(4);116.1,122.1

VIRGINIA

DANVILLE	344(VE)	MHW.	
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-DTV, 247°, 2.1	(4); 116.1
ROANOKE (Woodrum Field)	371(ROI)(116.1)	SBRAZ-DTV, 349°,2	(3); 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	AC	(4); 122.5,118.5,126.18

NEW RADIO FACILITIES

RALEIGH-DURHAM (Raleigh),N.C.	272 (126.18)	C	(4):126.18, 122.5,118.3

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→POPE(A)				DECOMMISSIONED		
RALEIGH,	109.9	333.8	48°	IM-	MM- ·-·- (0.62)	OM- --(4.43)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice.
+ - Army ACS transmits on and guards 116.1. 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25	Obsts sur fld.
Asheboro	1.8 SSW	864	18 S2	80 oct. Hwy NW.
(A)Balloon (Ft.Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct.No sto.P-line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	930	17 S2	80 oct.
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct.Pole line SSE.
Brooks(Red Springs)	1.2 N,RR SE	208	26	
(P)Burlington	4 SW,hwy W	638	37h L5 S6	80 oct.Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	960	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3.5 E	350	50h	TEMP INACT. NO FACS.
Candor (NC)	1.1 E,RR N	710	19	Pole line WNW.
Cannon (Charlotte)	3 WNW,hwy S	788	24 L S6	80,91 oct. Flood lgts req
Carolina Arpk Inc. (Kannapolis)	3.1 SSE;RR W	730	19 S3	80 oct.
Caswell (Yanceyville)	3.2 W; hwy E	640	20 S2	80 oct.
Coley (Concord)	2 SW,RR E	790	12 S1	80 oct. Trees ESE.
Colonial Flying Svc. (Mt. Airy)	1.4 NNE,RR S	950	15 S1	80 oct.Pole line,trees NNW.
Concord	4.5 ESE,rd E,S	700	19 S2	80 oct.Pole line NE.
Delta Air Base (Charlotte)	6.7 E.hwy S	750	31 S8	80,91 oct.No sto.Poles NW
(P)DOUGLAS(Charlotte)	5.5 W.RR N	745	52h R2 L5 S3	80,91 oct.
Durham Airways	7.8 N,RR 2E	480	15 S6	80 oct.
Elkin	2.8 SW.RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW.riv SW	195	30 S4	80,91 oct.
Fairchild (Burlington)	1.5 E.RR S	640	35h S4	80 oct.Trees N
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E.
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct.Strips rough. Trees SE.
→Gastonia	1.3 SW			ABANDONED
Gastonia, mun.	4.5 SSE,hwy SW	800	30h L S1	80,91 oct. Port. rnwy lgts on Req.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No.2 (Silver City)	4.1 SE,RR W	550	22	Pwr line SSE.
(N)GREENSBORO-HIGH POINT	8 WNW,RR SW	905	40h R2 L5 S6	80,91,100 oct.NATS
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW;hwy E	530	20 S2	80 oct.Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S4	80 oct
Kannapolis	2.8 N,RR E	750	23 S6	80 oct. Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	53 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,91 oct. No flood lgts. Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE,RR E	400	19 S4	80 oct.No sto.Pwr line sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct.Pole lines SSW.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct.Pole line NW.
(P)Lumberton	3 WSW	126	50h R1 L2 S6	80,91,100 oct.Hwy NNW.
McLean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct.
Mayo (Mayodan)	0.8 W,riv E	900	24 S1	80 oct.
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW,hwy S	680	20 S1	80 oct. Trees NW.
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct. NNE blkd. Trees ENE.
North Wilkesboro	1.3 WSW,riv S	970	15 S4	80 oct.
→Parkers (Eagle Spgs)	1.8 NW,RR	700	40 S4	80,91 oct.SW blkd.
→Pharis (Durham)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW,SW.
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct.
(A)Pope (Ft.Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct
Raleigh	3.3 SSW,RRW	364	28h S6	80,91 oct.
RALEIGH-DURHAM (Raleigh)	10.5 NW,RR W	435	45h R3 L6 S4	80,91,100 oct.
Reidsville	3.2 SE,riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,W.Hwy
Roxboro	7 NE,RR 2.3W	600	22 S2	80 oct. E.
Salisbury	3 SW,RR E	764	25 L2 S6	73 oct.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S4	80 oct. No sto. Pwr line S.
(P)SMITH-REYNOLDS (Winston-Salem)	2.8 NNE,RR W	969	67h R2 L5 S6	80,91 oct. Rnwy data unver.
Spindle City (Gastonia)	3.2 E;hwy N	795	19 S2	80 oct.
→Stanly (Albermarle)	6 WNW,hwy S			ABANDONED
Statesville	4.5 WSW	990	27 S2	80 oct. Trees N. RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel, hwy N.
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
→Upchurch(Raeford)	0.5 NNE	255	15 S1	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees N,S.
Whiteville	3.7 S,RR N	60	18 S1	Ltd 80 oct.
Young Airfield (Oxford)	1.8 SW,RR NW	475	18 S1	Ltd 80 oct.

SOUTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Chester	5 NNE.RR W	709	50h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SSW,hwy SW	560	32 S4	80 oct.
Florence	3.5 E.RR SW	146	60h R1 L5 S1	80,91 oct.
Hartsville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE, hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
→Little Rock	2.5 SE,hwy W			ABANDONED
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct.No sto.Pole line S, WSW.
→Palmer (Bennettsville)	3.4 NNW, hwy E			ABANDONED
Roddey (Rock Hill)	2.7 SW,RR NW	664	28 S4	80,91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	190	29 S5	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	30h S1	80,91 oct.

VIRGINIA

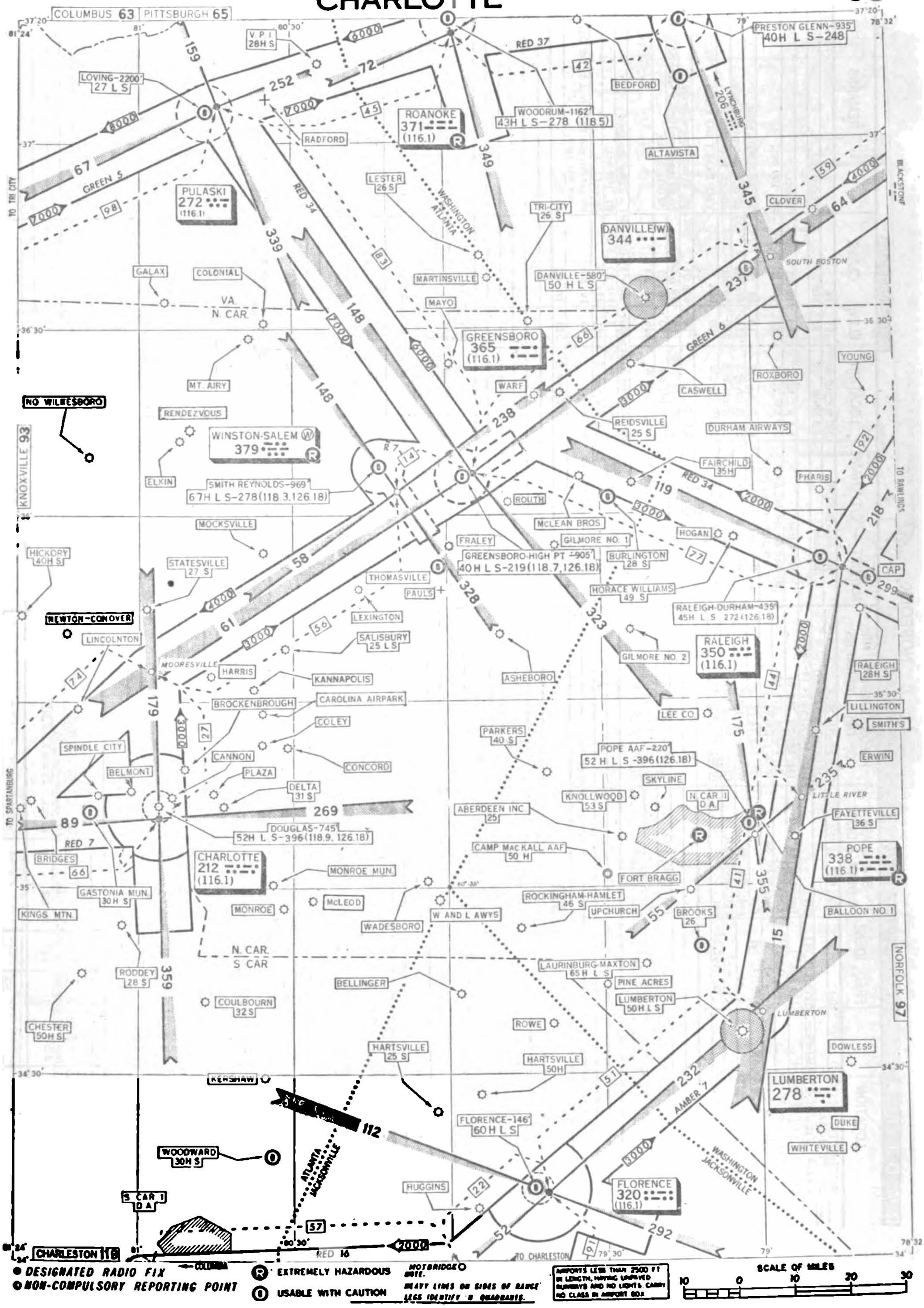
Altavista	6.1 NE,RR S	650	18 S1	80 oct. Trees SW.
Bedford	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW, riv E	350	20	Trees E,W,SE,NW. House E,SE.
(P)Danville	3.4 ESE	580	50h L5 S6	80,91 oct.
Galax	6.5 S,hwy E	2575	27 S4	80 oct.
Lester (Martinsville)	0.8 NNW, RR NE	1000	26 S2	80 oct. 20-75' bldgs SE.
Loving, 35A, NAWA (Pulaski)	2.8 N,RR SE	2200	27 R1 L3 S4	80 oct. Poles SW.No sto.
Martinsville	3.5 SSE, RR NE	800	16 S2	73 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R2 L5 S6	80, 91 oct.
V.P.I. (Blacksburg)	1.3 SSE,RR W	2100	28h L1 S6	73,80 oct. Strip rough. 100 oct army.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Rd W.

NEW AIRPORTS

Harris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	14 S2	80 oct.
Mc Leod (Wingate)(N.C)	1.5 SE; RR N	565	22 S4	80 oct. No sto
Pauls Air Park (Thomasville,N C)	6 SE		27 S2	80,91 oct. Data unver
Cap (Raleigh,N.C.)	3.5 NNE; RR E	460	35 S6	80,91 oct.Hgh trees S, SW appchs.NNE blkd.
Duke Fld (Chadbourn, N.C.)	1 N;RR SW	96	20 S4	80 oct.
Radford, (Va.)	2 SW	1900	19 S1	Fuel.Data unver.
Grigg & Bynum Arpk (Maiden,N.C.)	2.5 S;hwy W	795	18	
Stanfield (N.C.)	1.3 N;hwy E	700	18 S2	80 oct.
→Lincolnton (N.C.)			23 S6	80 oct.P-line SSW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII JNC (not charted). →NEW OR REVISED DATA

CHARLOTTE


COLUMBUS 63 | PITTSBURGH 65
37°20'
81°24'
81°
80°30'
79°
78°32'
V.P.I 28H S
PRESTON GLENN-935' 40H L S-248
LOVING-2200' 27 L S
RED 37
BEDFORD
ROANOKE 371 (116.1) R
WOODRUM-1162' 43H L S-278 (118.5)
LYNCHBURG 206
RADFORD
ALTAVISTA
37°
TO TRI CITY
PULASKI 272 (116.1)
LESTER 26 S
WASHINGTON ATLANTA
TRI-CITY 26 S
DANVILLE(W) 344
CLOVER
SOUTH BOSTON
BLACKSTONE
GALAX
COLONIAL
VA.
N. CAR.
MARTINSVILLE
MAYO
DANVILLE-580' 50 H L S
GREENSBORO 365 (116.1)
WARF
CASWELL
ROXBORO
YOUNG
36°30'
MT. AIRY
NO WILKESBORO
RENDEZVOUS
WINSTON-SALEM (W) 379 R
ELKIN
SMITH REYNOLDS-969' 67H L S-278(118.3,126.18)
REIDSVILLE 25 S
DURHAM AIRWAYS
FAIRCHILD 35H
PHARIS
KNOXVILLE 93
ROUTH
McLEAN BROS.
GILMORE NO. 1
HOGAN
MOCKSVILLE
FRALEY
GREENSBORO-HIGH PT -905' 40H L S-219(118.7,126.18)
BURLINGTON 28 S
HICKORY 40H S
STATESVILLE 27 S
THOMASVILLE
PAULS
HORACE WILLIAMS 49 S
CAP
RALEIGH-DURHAM-435' 45H L S 272(126.18)
NEWTON-CONOVER
LEXINGTON
LINCOLNTON
SALISBURY 25 L S
MOORESVILLE
HARRIS
KANNAPOLIS
ASHEBORO
GILMORE NO. 2
RALEIGH 350 (116.1)
RALEIGH 28H S
LILLINGTON
SMITH'S
BROCKENBROUGH
CAROLINA AIRPARK
LEE CO.
COLEY
PARKERS 40 S
SPINDLE CITY
CANNON
CONCORD
POPE AAF-220' 52 H L S -396(126.18)
ERWIN
BELMONT
PLAZA
SKYLINE
DELTA 31 S
KNOLLWOOD 53 S
N. CAR. I D.A.
LITTLE RIVER
ABERDEEN INC. 25
FAYETTEVILLE 36 S
TO SPARTANBURG
DOUGLAS-745' 52H L S-396(118.9, 126.18)
CAMP MACKALL AAF 50 H
POPE 338 (116.1) R
RED 7
BRIDGES
CHARLOTTE 212 (116.1)
MONROE MUN.
FORT BRAGG
GASTONIA MUN. 30 H S
KINGS MTN.
McLEOD
MONROE
ROCKINGHAM-HAMLET 46 S
UPCHURCH
BROOKS 26
BALLOON NO. 1
WADESBORO
W AND L AWYS
N. CAR.
S CAR
RODDEY 28 S
LAURINBURG-MAXTON 65 H L S
PINE ACRES
BELLINGER
LUMBERTON 50H L S
COULBOURN 32 S
LUMBERTON
CHESTER 50H S
ROWE
DOWLESS
HARTSVILLE 25 S
HARTSVILLE 50H
34°30'
KERSHAW
LUMBERTON 278
FLORENCE-146' 60 H L S
DUKE
WHITEVILLE
WOODWARD 30H S
ATLANTA JACKSONVILLE
WASHINGTON JACKSONVILLE
HUGGINS
FLORENCE 320 (116.1)
S CAR 1 D.A.
CHARLESTON 18
RED 16
TO CHARLESTON
79°30'
79°
34°
NORFOLK 97
TO RAWLINGS
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
HOTBRIDGE
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 8 QUADRANTS.
AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS. CARRY NO CLASS IN AIRPORT BOX
SCALE OF MILES
10 0 10 20 30

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM; 64°, 14	Weeksville NAF
BOGUE MCAAF			DECOMMISSIONED
CAMP LE JEUNE OLF(New Riv.)	3295(142.74)	CN	3105.4495;142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ;141°,4.0	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN(GCA)	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM; 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
MANTEO FM (Navy)	(- -)	FM; 139°,32	Weeksville NAF
NEW BERN FM (Navy)	(- - - -)	FM; 321°,13.6	Cherry Point MCAS
OAK GROVE MCAAF (Pollocksville)	3295 (142.74)	CN	3105;142,74 (8-18)
SOUTH MILLS FM (Navy)	(- - - -)	FM; 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	324(NFQ)	MRL	(3);142.74(V- 7-19)
Weeksville NAF-LTA	3295 (142.74)	CN; 319°, 0.5	3105; 142.74 (8-1630)

VIRGINIA

BLACKSTONE	326(KT)(116.1)	BMLZ-DTV;133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM; 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM; 276°, 16	Norfolk
LANGLEY FIELD (Army)	224(LLY)(116.1)	SBMRAPZ-DTV;102°,3.8	(3); 116.1
NORFOLK	239 (NW)(116.1)	SBMRLZ-DTV;44°,3.3	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ; 276°,2.9	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N;RR W,N	13	43h L S6	80,91 Oct. Flood lgts. T rees SE
(P) BLUETHENTHAL	2.8 NNE;hwys W	30	70h L5 S4	80,91 oct. No flood lgts. (Wilmington)
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h	CLOSED.
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jackson-ville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS (N)	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct.
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	See Pitt-Greenville under "New Airports"-name changed.			
Halifax Co.(Roanoke Rapids)	3 SW.	147	18 S2	80 oct. Trees ENE,NNW
Henderson	3 S;RR W	490	21	80,91 oct. Pole lines S, SW,y WNW blkd.verified. Trees S,ESE,NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
Kinston	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Polloksville) (N)	2.5 NW,riv S	27	40h R1 L S4	91, 100 oct.
→ Peiffer(Wilmington)	6 ESE,hwy N	10	18 S6	80 oct. N,NNE blkd.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E.
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	TMP INACT NO FACS
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80; 91 oct. (New Bern)
→ Tarboro	2 ESE,riv NNW	50	30 L S6	80,91 oct.Flood lgts.P-line NNE,NE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto.
★ Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	See Warren Arpt under "New Facilities" - name changed			
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L5 S4	91, 100 oct.
(P) Wilson (N)	4.2 NW,hwy E	161	45h S6	80 oct.
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
→ Zebulon	3.5 NW,hwy E	324	16 S2	80 oct.

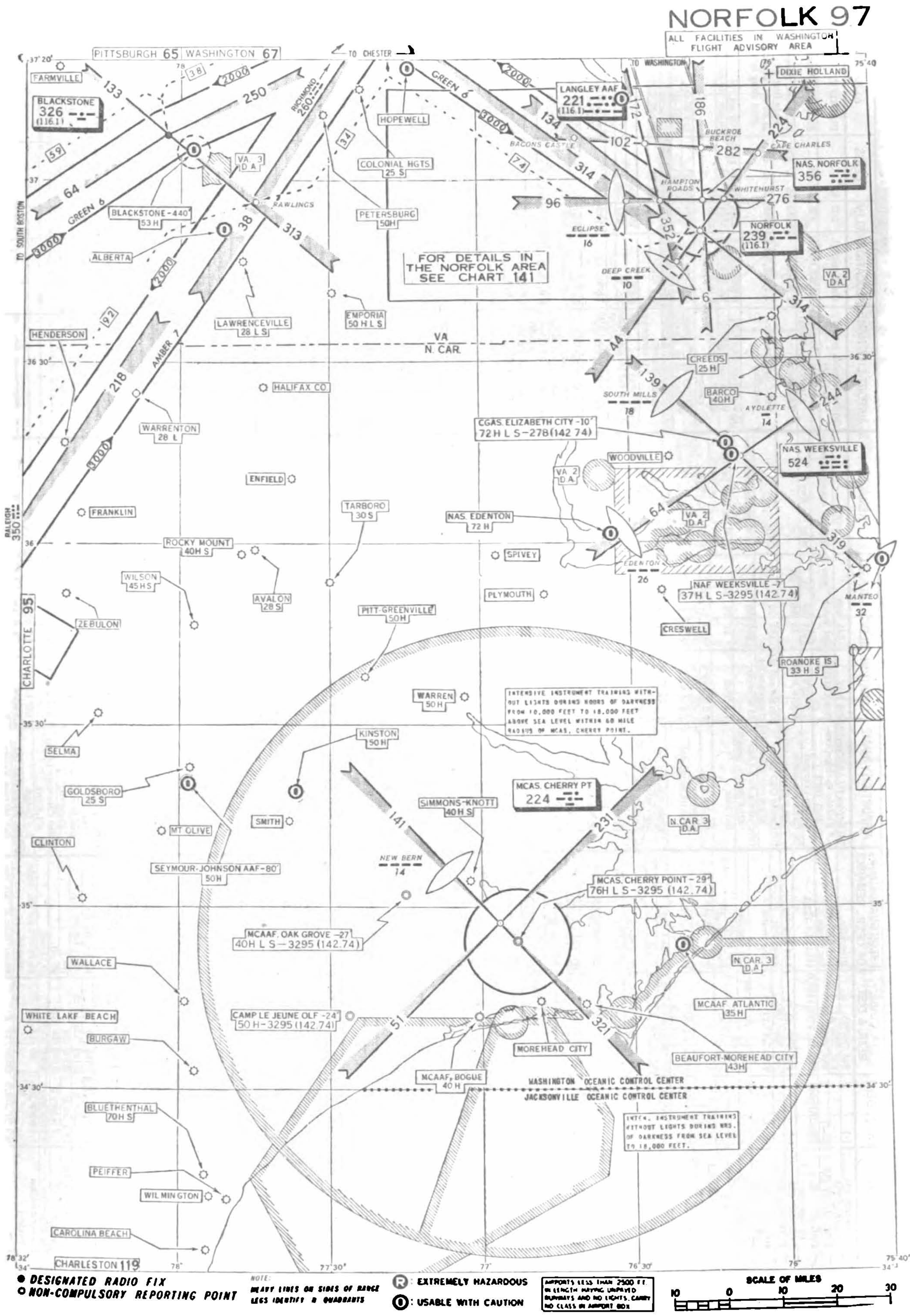
VIRGINIA

Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5	Rnwy lgts on req.ARMY TEMP.INACT;
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC) CIVIL FACS.
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct.
Hopewell	3.3 E,riv N	20	24 S6	91 oct.
→ Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80 oct.
Petersburg	6.2 WSW,RR N	190	50h	
→ Scott (Williamsburg)	1.3 NNW,RR SW			ABANDONED
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29 S4	80,91 oct.20-60' trees NE,SW,W.(NC)

NEW AIRPORTS

Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.
(P) Pitt-Greenville, (Greenville,N.C.)	1.8 NNW;RRE	25	50h L3 S1	80,91 oct.Lgts on req.
Dixie Holland (Cape Charles,Va.)	1.5 ENE;hwy S		22 S1	80 oct.Unverified
Roanoke Isl.(Manteo,N.C.)	1.5 NW;rd NE	12	33h L5 S4	80,91 oct.Lgts on req.Data unver.
Morehead City,(N.C.)	5 WNW;RR N	15	23 S4	80 oct.No sto.All appchs blkd.
→ Piney Grove (Kinston,N.C.)	2.1 SSW;riv NE			ABANDONED.
→ Smith Fld (Kinston,N.C.)	3.7 SW;riv NW	40	26 S4	80 oct.P-line ENE
→ White Lake Beach,(N.C.)	0.2 NW;lake S	75	18 S1	80 oct.No sto.(White Lake)E,W blkd.
Wilmington Arpk (N.C.)	3 SE;hwys N	20	27 S4	80 oct.N & E blocked.
(P) Warren (Washington, N.C.)	1.8 N,hwy W	38	50h	
→ Enfield (N.C.)	1.8 E		15 S2	80 oct.

NORFOLK 97


ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA
PITTSBURGH 65 WASHINGTON 67
TO CHESTER
TO WASHINGTON
TO SOUTH BOSTON
FARMVILLE
BLACKSTONE 326 (116.1)
LANGLEY AAF 221 (116.1)
DIXIE HOLLAND
HOPEWELL
COLONIAL HGTS 25 S
BACONS CASTLE
BUCKROE BEACH
CAPE CHARLES
NAS. NORFOLK 356
HAMPTON ROADS
WHITEHURST
VA 3 D A
RAWLINGS
BLACKSTONE-440 53 H
PETERSBURG 50H
ALBERTA
ECLIPSE 16
NORFOLK 239 (116.1)
FOR DETAILS IN THE NORFOLK AREA SEE CHART 141
DEEP CREEK 10
VA 2 D A
LAWRENCEVILLE 28 L S
EMPORIA 50 H L S
HENDERSON
VA
N. CAR.
CREEDS 25 H
HALIFAX CO
SOUTH MILLS 18
BARCO 40H
AYDLETTE 14
CGAS. ELIZABETH CITY -10' 72 H L S-278 (142.74)
WARRENTON 28 L
WOODVILLE
NAS. WEEKSVILLE 524
ENFIELD
VA 2 D A
RALEIGH 350
FRANKLIN
TARBORO 30 S
NAS. EDENTON 72 H
ROCKY MOUNT 40H S
SPIVEY
EDENTON 26
NAF WEEKSVILLE -7 37 H L S-3295 (142.74)
MANTEO 32
WILSON 45 H S
AVALON 28 S
PLYMOUTH
CHARLOTTE 95
ZEBULON
PITT-GREENVILLE 50 H
CRESWELL
ROANOKE IS. 33 H S
WARREN 50 H
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000 FEET TO 18,000 FEET ABOVE SEA LEVEL WITHIN 60 MILE RADIUS OF MCAS, CHERRY POINT.
SELMA
KINSTON 50 H
GOLDSBORO 25 S
MCAS. CHERRY PT 224
SIMMONS-KNOTT 40 H S
SMITH
MT OLIVE
N. CAR. 3 D A
CLINTON
SEYMOUR-JOHNSON AAF-80' 50 H
NEW BERN 14
MCAS. CHERRY POINT-29' 76H L S-3295 (142.74)
MCAAF. OAK GROVE -27 40H L S-3295 (142.74)
WALLACE
N. CAR. 3 D A
MCAAF. ATLANTIC 35 H
WHITE LAKE BEACH
CAMP LE JEUNE OLF -24' 50 H-3295 (142.74)
BURGAW
MOREHEAD CITY
BEAUFORT-MOREHEAD CITY 43H
MCAAF, BOGUE 40 H
WASHINGTON OCEANIC CONTROL CENTER
JACKSONVILLE OCEANIC CONTROL CENTER
BLUETHENTHAL 70H S
INTEN. INSTRUMENT TRAINING WITHOUT LIGHTS DURING HRS. OF DARKNESS FROM SEA LEVEL TO 18,000 FEET.
PEIFFER
WILMINGTON
CAROLINA BEACH
CHARLESTON 119
37° 20'
36 30'
36
35 30'
35
34 30'
34
78° 32'
78°
77° 30'
77°
76° 30'
76°
75° 40'
75°
78
38
59
64
92
218
133
250
260
2000
3000
GREEN 6
AMBER 7
34
74
134
314
102
172
186
224
96
313
352
6
44
139
244
141
231
51
321
64
319
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE: HEAVY LINES OR SIDES OF RANGE LEGS IDENTIFY R QUADRANTS
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH HAVING UNPAVED RUNWAYS AND NO LIGHTS. CARRY NO CLASS IN AIRPORT BOX
SCALE OF MILES
10 0 10 20 30

D. L. O. — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(vhf)	SBRAZ-VDT, 149°, 0	(4);116.1,122.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°,16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°,11	Long Beach
LA HABRA FM	(. . -)	FM, 77°,21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°,42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18,118.3, 122.5
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV, 298°, 3.9	(3);116.1,122.1
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV, 244°, 3.8	(3):116.1,122.1
LOS ANGELES	109.1(LA)	BVAR; 88°, 2.0	
MARCH FIELD (Riverside)	201 (126.18)+	CA ➡:49,09	(3); 126.18
MIRAMAR MCAS (San Diego)	3295(142.74)	CN(GCA)	(3); 142.74
MOJAVE NAS	3295(126.18, 142.74)		DECOMMISSIONED
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA; 64°,2.2	(3); 126.18
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV, 317°, 0.1	(4); 116.1
OCEANSIDE	326(OC)(116.1)	BHTV	(4); 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°,34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-DTV, 216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105;142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(vhf),	SBMRAZ-DTV, 127°,2.9	(4);116.1,122.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
SAN CLEMENTE ISLAND OLF.			DECOMMISSIONED
SAN DIEGO (Lindbergh Field)	224(SQ)(vhf)	SBRAZ-DTV, 139°, 2.3	(3);116.1,122.1
San Diego NAS	266 (142.74)	CN	(3);126.18,142.74
San Diego NAS (Seaplane)	2870	CN	2870
TRONA (Int.)	323 (EW)	SMRAWZ, 349°, 11	
VICTORVILLE AAF	278 (126.18)	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice. W-Without Voice. Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S,hwy E	2470	25 L S2	Ltd 73 oct. Port rnwy lgts
Arlington(Riverside)	4.5 WSW,RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE,RR N	2190	52h L5 S5	80,91 oct. No sto.
Barnes(Rosamond)	12 E,rd N	2300	38	(NC)
Barstow	1.8 N,hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW,hwy S	6850	35 S1	80,91 oct.
Borderland(San Ysidro)	1.5 WNW,RR W	80	18 S6	80,91 oct. No sto. Pole line SE.
Boron	0.5 NE,RR S	2550	21 S1	80 oct. Poles E. Data unver

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Brown NAAS (Otay)(N)	5.5 ESE	523	60h	CLOSED
Buffalo Springs(Avalon) (NC)	See Catalina Arpt under "New Facilities"-name changed			
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside)(N)	6 NNE,RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island)(N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea)(N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct. 1000' paved rnwy. Data unver.
El Cajon	2.5 N,hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE,RR N	1256	26 S4	80 oct. No sto. Hills NW.
Engel(Escondido)	1.5 W,RR N	630	19 S4	73,91 oct. No sto. Trees SE, hill NW.
Gibbs(San Diego)	7 NNE,hwy W	405	29 S6	80,91 oct. Poles E.
Gillespie(El Cajon)	2 NNW;rd E	385	54h	Towers W. (Santee.
Harmon(San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
(A) Hawes(Victorville)(A)	27.5 N,RR N	2319	56h	CLOSED
Hi Hi Sky Ranch (Oceanside)	1.5 ENE,RR S	48	18 S6	80,91 oct. No sto. Trees SW.
(A) Helendale(Victorv'l)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct. No sto. Pwr line W
(N) Inyokern NAF (N)	0.5 WNW,RR E	2455	72h	NATS
Jamacha(La Mesa)	6.8 ESE,riv N	520	18 S6	80,91 oct. Hills E.
La Cresta(Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct. Data unver. Flare pots prior req.
Lake Elsinore(Elsinore)	4 SSE,lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW,hwy N	500	27 S4	80 oct. Pole line SSE.
Lancaster	0.5 NW,RR E	2330	22 S4	73 oct. No sto. Poles E,S
La Pressa(La Mesa)	4 S,hwy W	275	19 S4	80 oct.
Liberty(Rosamond)	4.1 S,RR E	2300	39h	
LINDBERGH (San Diego)	2 W	14	88h R2 L5 S6	80,91 oct. ARPT OF. ENTRY.
(A) March (Riverside) (A)	8.8 SE,RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW,RR N	550	21 S6	80,91 oct. Poles E.
(A) Mirage(Victorville)(A)	18 WNW,rd S	2865	37h	CLOSED
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct. No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N) (NAS)	0.7 E,hwy W	2751	59h	CLOSED
Morrow (Rialto)	1.8 S,RR N	1100	35 S5	80,91 oct. Pwr line W.
(A) Muroc AAF (A)	2 S,dry lake N	2284	80h R2 L5 S6	73,100 oct. JP-1. No sto.
National City	1.1 SSE,RR W	10	22 S4	80 oct. Poles, stack NW.
(P) Palmdale	3 NE,RR W	2549	70h R1 L5 S2	91,100 oct.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5 S4	80,91,100 oct. Lgts prior req.
Peik (San Diego)	4.8 WNW	20	28 S4	80 oct. No sto. Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S6	80,91 oct. Port rnwy lgts. Data unver.
Randsburg (NC)	1.8 NE,rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N,RR W	400	15	
San Bernardino	4.7 NNW, RR W	1425	30h L S6	80,91 oct. Port rnwy, obst lgts prior req. Rnwy data
(A) San Bernardino AAF (A)	3.5 ESE,RR SW	1156	76h R1 L5 S6	62,73,91,100 oct, unver. JP-1
San Bernardino Co. (Daggett)	See Dagett Int, 13 under "New Airports"- name changed.			
(N) San Clemente Island OLF (N)	8 S of N end	926	50h	CLOSED
San Diego	5 NW,bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NATS
San Marcos Valley (San Marcos)	1 W;hwy,RR N	530	19 S4	80 oct. No sto. Hill NE Pwr line E

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island OLF (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE,hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N,RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE,RR S	1015	29 L S4	91,80 oct. Poles SE,W. Port rnwy lgts.
(A) Victorville AAF(A)	6 NW,RR E	2875	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW,RR E	3225	32 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W,hwy N	2348	31	
Warner Hot Springs	3 W,hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S
Wolfe's Arpk (Otay)	1.2 SE,RR W	220	30 S1	80,91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona	3 SW	1440	40h	
Sweetwater OLF (San Diego)	7.4 E	480	30h	
Catalina(Avalon,Calif.)	7 NW	1560	35	On Catalina Island PRIVATE. Data unver.
Ridgecrest(Calif.)	0.3 S.	2300	49 L S4	80,91 oct. P-line E,NE.
Hidden Valley (Camarillo,Calif.)	10 SE;lake E	920	20	McMahans Oaklane Ranch Data unver.
Daggett Int, 13 LA-AC (Calif)	5 E;RR S	1927	64h R1 L3	
Cumberland Valley (Lynch, Ky)	2.8 NNE;hwy N,W	1530		

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) ➡ New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

LOS ANGELES

99

ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA

FRESNO 77

LAS VEGAS 79

BLYTHE 101

TO NEEDLES

TO BLYTHE

TO MORGAN HILL

TO SANTA BARBARA

SANTA BARBARA 75

INDIO 242

BAKERSFIELD 239

SILVER LAKE 269

NAF. INYOKERN 72H

TRONA (W) 323

CALIF. 9 D.A.

DAGGETT 365 (111.1, 116.1)

DAGGETT 64H L

LA CRESTA

AMBER 1

AMBER 2

AMBER 8

MOJAVE-2751' 59H

CALIF. 17 D.A.

TEHACHAPI 45 S

MUROC AAF 350

MUROC AAF-2284' 80H L S-219 (126.18)

BORON

HAWES 56H

HELENDALE 56H

CALICO 58

BARSTOW

WHEELER RIDGE

LEREC 42

LANCASTER

LIBERTY 39H

STERK'S

WAR EAGLE

ANTELOPE VALLEY 25 S

QUARTZ HILL

PALMDALE 2549' 70H L

CASTIAC 41

MIRAGE

MIRAGE 37H

VICTORVILLE AAF-2880' 74H L S-278 (126.18)

VICTORVILLE "46"

CALIF. 17 D.A.

GREEN 4

GREEN 5

BLUE 14

SUMMIT

NEWHALL 209 (116.1)

PALMDALE 332 (116.1)

LOS ANGELES 260 (111.1, 116.1)

DOWNEY 11

LA HABRA 21

LOS ANGELES (VHF) W-109.1

SAN BERNARDINO 30 H S

FONTANA 17

BIG BEAR 35 S

MORROW 35 S

SAN BERNARDINO AAF-1120' 76H L S-272 (126.18)

TRI-CITY 29 S

RIVERSIDE 30 S

BLUE

YELLOW

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

LONG BEACH 233 (111.1, 116.1)

HUNTINGTON BEACH 11

ARLINGTON 32 S

RIVERSIDE 388 (111.1, 116.1)

ELSINORE

LAKE ELSINORE

BANNING 25

HARMON

BANNING 52H L S

PALM SPRINGS 69 H

INDIO 34 S

INDIO

MARCH AAF-1533' 70H L S-201 (126.18)

FOR DETAILS IN LOS ANGELES AREA SEE CHART 139

CAMP PENDLETON OLF 64H S

OCEANSIDE 326 (116.1)

OCEANSIDE 34

HI HI SKY RANCH

SAN MARCOS VALLEY

ENGEL

McCORMICK

WARNER HOT SPRGS. 35 S

MT. LAGUNA 254 (116.1)

DEL MAR 26 S

SAN DIEGO 224 (111.1, 116.1)

MCAS MIRAMAR-480' 60H L S-3295 (142.74)

GILLESPIE 54H

SWEETWATER SPRGS.

EL CAJON

LA MESA 13

RED 9

SAN DIEGO

GIBBS 29 S

PEIK

LINDBERGH-14' 88H L S-278 (118.3, 126.18)

NAS. SAN DIEGO-25' 60H L S-266 (142.74) (SEAPLANE-2870)

NATIONAL CITY

CORONADO 10

LA PRESSA

JAMACHA

LA MESA 27 S

CALIF. 7 D.A.

WOLFE'S

NAAS, BROWN 60H

BORDERLAND

NAAS REAM-23' 50H S-3295 (142.74)

SAN NICOLAS IS. OLF 63

SAN CLEMENTE IS. OLF 50H

CALIF. 13 D.A.

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ EXTREMELY HAZARDOUS

Ⓞ USABLE WITH CAUTION

NOTE
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R QUADRANTS

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX

SCALE OF MILES

10 0 10 20 30

10 TO CENTRO

BLYTHE

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-DTV,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA (Fly)	230(UP)(116.1)	SBMRAZ-DTV,165°,5.8	(4); 116.1

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
→ **BLYTHE**	**251(YH)(vh[illegible])**	SBMRAZ-DTV,268°,4.1	(4);116.1,122.1
EL CENTRO	**212(MB)(116.1)**	SBMRLZ-DTV	(4); 116.1
El Centro NAS	**317 (142.74)**	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	**242(IN)(116.1)**	BMRLZ-DTV	(4); 116.1
MT. LAGUNA	**254(TN)(116.1)**	BHTV	**(4); 116.1(Cont)**

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range **Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)**-3105, 4495, 6210, 3117.5 kcs. **Parenthetical Numbers in Frequency Column Indicate VHF Voice.**
† - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ **Aguila**	1.5 NNW			ABANDONED.
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
Conner (Quartzsite)	0.3 SSW,hwy N	850	38	150' hill S.
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT. NO FACS
Echevarria (Wickenburg)	See Wickenburg under "New Airports" - name changed.			
(A) Gila Bend AAF (A)	4 S,hwy W	858	62h R1 L5	TEMP INACT. NO FACS
(A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
(A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT. NO FACS
Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S1	80 oct.
Parker	1.4 ENE;RR W	430	32 S2	No fuel. Fld rough. RR S.
Salome (NC)	0.7 S,hwy N	1876	45	15' poles NW.
Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi. E,3 mi. W.
→ Sky Ranch (Wickenburg) (NC)	0.8 N,RR W	2000	24 S1	80 oct. Hills NNW
Smiley (Wellton)	13 E,RR S	250	26	Poles SW, NE. (NC)
Somerton	3 ENE,RR W	250	30 S3	80 oct. No sto.
★ → Tonopah Int,31, LA-PH	5 NNE Wintersburg			ABANDONED.
Wellton	0.5 NW,RR S	225	24 S2	73,80 oct.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Blythe	7 W,hwy S	397	70h R1	
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct. Poles SE,E. ARPT OF
Calexico	1.2 W,riv N	0	28 S6	80,91 oct. Data unver. ENTRY.
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto. 35' poles all zones.
(N) Clark's Dry Lake OLF (N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF → -North (N) (NC)	21 NW El Centro	300	26	CLOSED
(N) Coyote Wells OLF -South (N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE,rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck)
(N) EL CENTRO NAS (N)	7 WNW,RR S	-43	69h R2 L5 S4	91, 100 oct. No sto.
Gary (Blythe)	5 NNW,RR N	392	29h	
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct. No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S4	80,91 oct. Poles N. only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct. Poles SE. No bcn. Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct. No sto. Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF (Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		24 S6	80 oct. N/S taxiing only Rnwy data unver.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5 S4	80,91,100 oct. Lgts prior req.
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	

NEW AIRPORTS

(P) Fly (Yuma,Ariz.)	4.5 SSE.RR N	213	65h R1 L2 S2	80 oct. Ltd sto. Bndry lgts
→ Wickenburg Mun. (Ariz.)	14.8 WSW;RR N	2380	45 S2	80,91 oct. prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data.

BLYTHE

101

ALL FACILITIES IN LOS ANGELES FLIGHT ADVISORY AREA

LAS VEGAS 79

TWENTY-NINE PALMS 40H

CALIF. 18 D.A.

IRICE AAF 55H

PARKER 32

WICKENBURG 40H S

PALM SPRINGS 69H

DESERT CENTER 38 L S

DESERT CENTER AAF 50H

CALIF ARIZ

GARY-392' 29H

CONNER 38

INDIO 34 S

THERMAL AAF 50H

INDIO 242 (116.1)

PORT MECCA

SHAVERS SUMMIT AAF 60H

HARVEY

BLYTHE 70H

HERON 27 S

SALOME 41 L

PERRYVILLE

GREEN 9

WHITE TANK

SALTON SEA 40

BLYTHE 251 (111.1, 116.1)

GILA BEND 257 (116.1)

CALIF. 4 D.A.

CALIPATRIA

BRAWLEY 30 S

O'CONNELL

LAGUNA 50H

NAS. EL CENTRO -(-43') 69H L S-317 (142.74)

IMPERIAL CO 32 S

CALIF. 12 D.A.

TO CASA GRANDE

TO SAN DIEGO

RED 9

MARSH 40 S

DATELAN AAF 66H

GILA BEND NO 5 37H

GILA BEND AAF-858' 62H

YUMA 230 (116.1)

GILA BEND NO 6 37H

WELLTON

GILA BEND NO 4 37H

ARIZ. 1 D.A.

MT LAGUNA 254 (116.1)

EL CENTRO 212 (116.1)

HOLTVILLE 60H L S

CALEXICO 28 S

SOMERTON 30 S

FLY 65H L S

AJO AAF 64H L S

JACUMBA HOT SPRINGS OLF 25

ARIZ MEXICO

LOS ANGELES 99

PHOENIX 103

NOTE
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.

● *DESIGNATED RADIO FIX*
○ *NON-COMPULSORY REPORTING POINT*

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

(R): EXTREMELY HAZARDOUS

(I) USABLE WITH CAUTION

SCALE OF MILES

25 0 25 50

[redacted] O — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CJ)(116.1)	SBMRAZ-DTV,253°,2.2	(4); 116.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(4);116.1,126.18,118.3,122.5
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	126(PH)(116.1)	SBMRAZ-DTV,261°, 3.3	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-DTV;307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.6	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
[redacted]			
RODEO (Int.)	254(RH)(116.1)	BMRLZ-DTV,24°,0	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

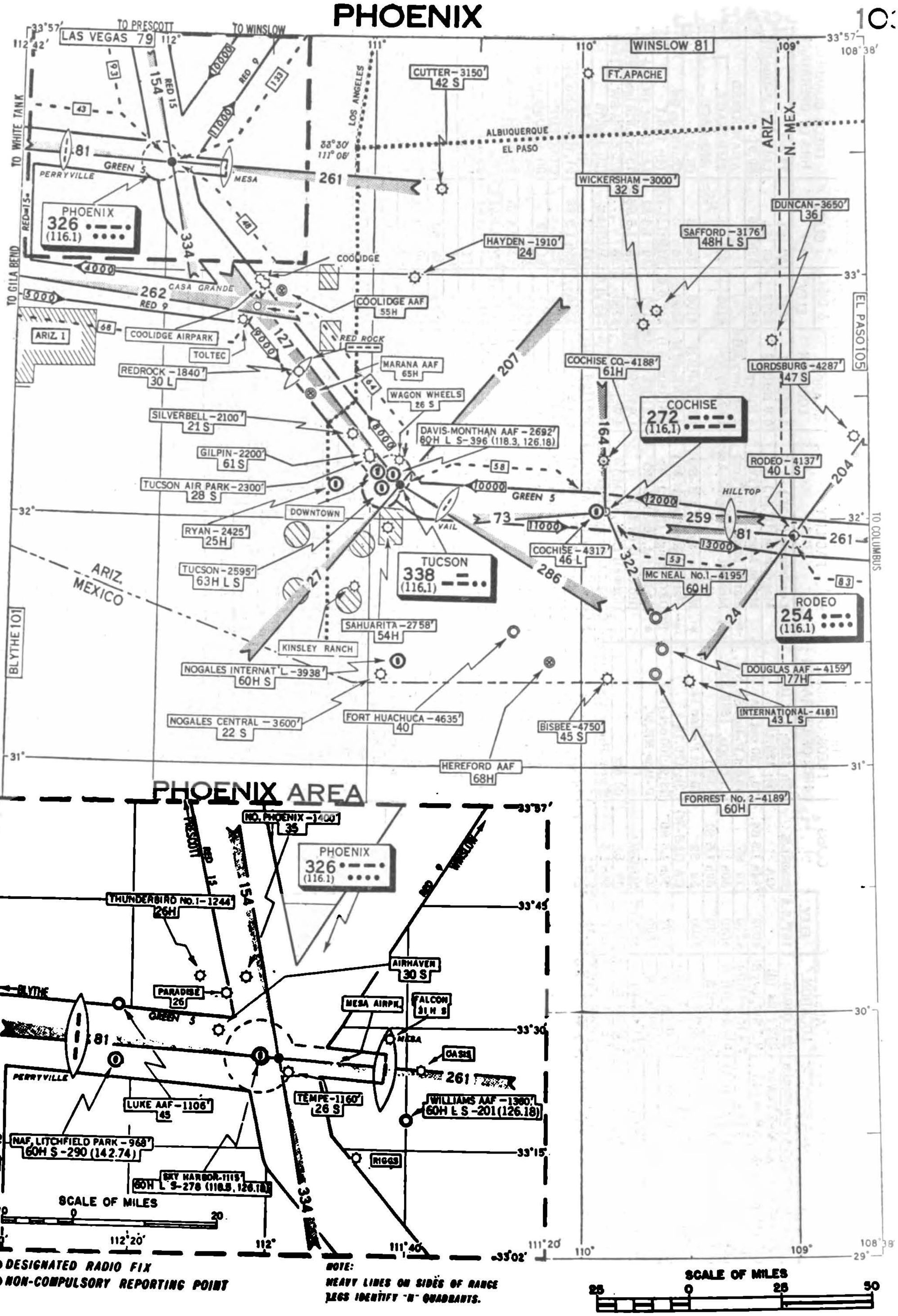
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW,RR N	1050	26	
Bisbee	6.4 SSE,RR W	4750	15 L S4	80 oct. Poles W. Port. rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Greenlee (Clifton)(NC)	8.7 SSE,hwy W	3800	35	
★ Cochise Int,T-3,PH-EO	6 S,hwy E	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S,RR E	1450	34	
(A) Coolidge AAF (A)	6.4 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW,RR E	1450	21 S1	80 oct. Pole line E.
➸ Cutter (Globe)	6.8 ESE,RR N	3150	37 S6	80,91 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	5 SE,RR SW	2692	80h R2 L5 S6	73-100 oct. JP-1.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	CLOSED Twrs E.
Duncan	1 NE	3650	36	Poleline, race track W.
➸ Falcon (Mesa)	7.3 NE;riv 2 N	1332	31h S4	80,91 oct.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	CLOSED
(P) Ft. Apache (White River)	2.6 SSW,riv S	5200	34 S2	80 oct. Trees S. Ctn-wet weather
(A) Ft. Huachuca (A)	4 E,RR NW	4635	40	
Gilpin (Tucson)	4.2 NW,RR W	2200	61 L5 S6	80,91 oct. Poles E, SW.
Hayden	1.2 S,hwy E	1910	24	
(A) Hereford AAF(A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct. Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW,riv E	3100	31	RR E
Litchfield (Litchfield Park)(NC)	0.5 NW;cty SE:	1062	37	PRIVATE.
(N) Litchfield Park NAF (N)	4.8 S;RR S	968	60h R1 S1	100 oct.
(NG) Luke (Phoenix) (NG)	18 WNW	1106	45h	TMP INACT. NO FACS.
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	CLOSED.
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W.
➸ Mesa Airpark	1.4 W;hwy S	1238	27 S6	80,91 oct. No sto. P-line E.
Nogales Central	3 N,RR E	3600	22 S6	80 oct. No sto.

h-hard surfaced runways. r-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). ➸ NEW OR REVISED DATA.

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE,hwy N	3938	60h L5 S4	73,80,91 oct. All lgts prior req. ARPT OF ENTRY.
➸ North Phoenix (Cactus)	0.5 E,hwy W	1400	35 S1	80 oct.
➸ Paradise (Phoenix)	6 NNW,canal S	1256	26 S4	80,91 oct. Trees S
➸ Phoenix Airhaven	See Airhaven under "New Airports" - name changed.			
* Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	30 L4	
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford	4.5 ENE,riv S	3176	48h L5 S5	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E,hwy W	2758	54h	
Sells (NC)	2 NW,rd E	2380	30	
Silverbell (Tucson)	11.2 NW,RR E	2100	21 S1	80 oct.
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	73,80,91,100 oct.
Superior (NC)	2 WSW,hwy N	2600	15	Pole line NE.
Tempe	1.2 SW,RR E	1160	26 S6	80 oct. Poles E, trees W.
Three Point (Casa Grande)(NC)	1.5 NNW,RR SW	1400	32	
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	25	Allway: 2500 x 2000'
Toltec	0.4 NNW,RR W	1500	26	Poles SSW,SW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	28 S1	Ltd 80 oct.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct. No sto. Poles S,SE.
Wickersham (Safford)	2.5 S,RR NE	3000	32 S6	80, 91 oct.
Willcox (NC)	0.9 WNW,hwy E	4186	36	75' trees SE, bldgs NE.
(A) Williams (Chandler) (A)	10 E	1360	60h R1 L5 S6	73, 91, 100 oct. JP-1.
[redacted]				
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
* Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
➸ Downtown (Tucson,Ariz.)	1.4 S;RR SW	2400	42 L S?	80,91 oct. Poles N. Lgts prior req.
Stevens (Globe,Ariz)	4.2 ENE;hwy W	3600	29	PRIVATE. Slopes to S
Riggs (Chandler,Ariz)	6 SSE;hwy W	1300	26	PRIVATE. NW appch hazardous.
Apache Junction (Ariz)	0.5 S;hwys N	1700	13	Trees WSW.
Gilbert (Ariz)	0.7 SSW	1200	16 S1	80 oct. P-line E, fence W.
➸ Airhaven (Phoenix,Ariz)	3.9 WNW;RR SW	1150	30 S4	80 oct. No sto. Poles SW,NE.
➸ Gram (Glendale,Ariz)	5 W;rd E	1060	21 S6	80 oct. Poles E,W. E end hazardous.
➸ Oasis (Mesa,Ariz)	11.5 E;hwy N		18 S4	80 oct. No sto. Trees NE,SW.
➸ South Phoenix, (Ariz)	3 SSE;riv N	1100	26 S6	80 oct. No sto. P-line E,W.
➸ Mission Arpk(Tucson,Ariz)	8.3 WSW;rd S	2665	22 S2	80 oct Poles W

PHOENIX


LAS VEGAS 79
TO PRESCOTT
TO WINSLOW
WINSLOW 81
TO WHITE TANK
TO GILA BEND
BLYTHE 101
LOS ANGELES
ALBUQUERQUE
EL PASO
ARIZ
N.-MEX.
EL PASO 105
TO COLUMBUS
PERRYVILLE
GREEN 5
MESA
PHOENIX
326
(116.1)
COOLIDGE
CASA GRANDE
RED 9
RED 15
RED ROCK
TOLTEC
COOLIDGE AIRPARK
ARIZ. 1
CUTTER – 3150'
42 S
FT. APACHE
WICKERSHAM – 3000'
32 S
DUNCAN – 3650'
36
SAFFORD – 3176'
48H L S
HAYDEN – 1910'
24
COOLIDGE AAF
55H
MARANA AAF
65H
WAGON WHEELS
26 S
REDROCK – 1840'
30 L
SILVERBELL – 2100'
21 S
GILPIN – 2200'
61 S
TUCSON AIR PARK – 2300'
28 S
DAVIS-MONTHAN AAF – 2692'
60H L S – 396 (118.3, 126.18)
COCHISE CO. – 4188'
61H
LORDSBURG – 4287'
47 S
COCHISE
272
(116.1)
RODEO – 4137'
40 L S
HILLTOP
GREEN 5
DOWNTOWN
VAIL
RYAN – 2425'
25H
TUCSON – 2595'
63H L S
TUCSON
338
(116.1)
COCHISE – 4317'
46 L
MC NEAL No. 1 – 4195'
60H
RODEO
254
(116.1)
ARIZ.
MEXICO
SAHUARITA – 2758'
54H
KINSLEY RANCH
NOGALES INTERNAT'L – 3938'
60H S
NOGALES CENTRAL – 3600'
22 S
FORT HUACHUCA – 4635'
40
BISBEE – 4750'
45 S
DOUGLAS AAF – 4159'
77H
INTERNATIONAL – 4181
43 L S
HEREFORD AAF
68H
FORREST No. 2 – 4189'
60H
PHOENIX AREA
NO. PHOENIX – 1400'
35
PHOENIX
326
(116.1)
THUNDERBIRD No. 1 – 1244'
26H
PARADISE
26
AIRHAVEN
30 S
MESA AIRPK.
FALCON
31 H S
MESA
CASS
TEMPE – 1160'
26 S
WILLIAMS AAF – 1360'
60H L S – 201 (126.18)
RIGGS
LUKE AAF – 1106'
45
NAF, LITCHFIELD PARK – 968'
60H S – 290 (142.74)
SKY HARBOR – 1115'
60H L S – 278 (116.8, 126.18)
SCALE OF MILES
0 20
SCALE OF MILES
25 0 25 50
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

EL PASO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALAMOGORDO Army Range	221 (DGR)	167°,6.5	BMRLZ	(3); 4220; 126.18
ALAMOGORDO AAF Tower	272 (126.18)		CA	(3); 126.18
(A) Alamogordo AAF (N.M.)	8.5 SW;hwy S	4092	84h L5 S4	73, 100 oct. (A)
→ Alamogordo (N.M.)	2.4 N;bet RRs	4320	29 S6	80 oct. P-line SE,NW,
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED. SSE,SSW.
(P) Artesia Mun. (N.M.)	4.2 W;rd S	3550	69h L5 S1	73-91 oct.
B&B Fly Svc. (Roswell,N.M.)	2 S;RR E	3600	32 S2	80 oct P-line W.
BIGGS Tower (Texas)	396 (126.18)+		CA (ILS-W)	(3); 126.18
(A) Biggs (El Paso,Tex)(A)	6 NE;RR W	3937	96h L5 S6	73,91,100 oct JP-l.
Bowie (Ariz)	1.9 W;RR N	3800	20	P-line NE,W.
CARLSBAD Range (N.M)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) Carlsbad,mun. (N.M.)	6.1 SSW	3276	65h L5	Hwy E.Rnwy lgts on req
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
→ Carrizozo (N.M.)	0.6 N;hwy S,E	5420	33 S2	80 oct. P-line WSW.
Clifton-Greenlee Co.	8.7 SSE;hwy W	3800	35	(Clifton, Ariz)
COLUMBUS Range (N.M)(Int)	284(KS)(116.1)	262°,1.9	SBMRAZ-DTV	(4); 116.1
→ ★ Columbus Int,34,PH-EO	0.6 ESE;hwy N	4024	42 L3 S1	80 oct. (N.M.)
(P) Culberson Co. (Van Horn)	3.5 ENE;RR S	3955	60h	(Texas)
Decker Ranch (Candelaria)	11.5 N	3650	29	PRIVATE. (Texas)
★ Delaware Springs Int.,11, EO-FV (Texas)	16.8 E of Pine Springs	3955	40 L3 S1	91 oct. P-line SSE.
(A) Deming AAF (A) (N.M)	2 ESE;hwy W	4314	81h	CLOSED.
Deming Arpk (N.M.)	6 WSW;RR N	4300	31 S4	73 oct. No sto.
(A) Deming (South)(N.M.)(A)	19.5 SSW	4240	60h	CLOSED.
(A) Deming (Center)(N.M.)(A)	11.5 W;hwy S	4440	60h	CLOSED.
(A) Douglas AAF (Ariz)(A)	8.5 NNW	4159	77h	CLOSED Twrs E.
Duncan (Ariz)	1 NE;race track W	3650	36	P-line W.
EL PASO Range (Tex)	242(EO)(116.1)	257°,4.9	SBRAZ-DTV	(3); 116.1, 122.1
EL PASO Tower (Tex)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,118.7,126.18
[El Paso Mun.](Tex)	4.8 ENE;RR SW	3936	70h L6 S1	73,91,100 oct. No sto. ARPT OF ENTRY:
ENGLE Range (N.M.)(Int.)	344(EX)(116.1)	172°,2.9	SBRAZ-DTV	(4); 116.1
✱ Engle Int,10,EO-PU(N.M.)	2.6 E;hwy N	4853	45 L3	
(A) Forrest #2 (Douglas,Ariz)	6.4 WNW	4189	60h	CLOSED
Fort Hancock (Tex)	0.7 SE;RR N			ABANDONED (A)
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
★ Hachita Int,29B,PH-EO	0.8 W;RR N	4498	38 L3	P-line N. (N.M.)
Hot Springs (N.M.)	7.4 N;hwy E	4750	75 S4	80 oct.Rnwy data unver
↖ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	(Texas)
Hurley (N.M.)	0.8 W;RR E	5748	33 S4	73 oct. No sto.
[International](Douglas, Ariz)	3.3 E;hwy N	4181	43 L4 S4	80,91 oct.Fld lgts prior req.ARPT OF ENTRY
John J.Small (Carlsbad)	3.5 SSE;RR NE	3150	27 S1	73 oct. (N.M.)
Jundt (Strauss, N.M.)	8.8 ESE;hwyNE	3709	32 S6	73,80 oct.No sto.Trees
Kent (Texas)	0.6 WNW;RR S	4260	21	P-line NE,SW.PRIV.E.
Las Cruces (N.M.)	1 NE;hwy N	3900	35	
Las Cruces, mun.(N.M.)	8.5 W;hwy S	4426	75h L5	Site 4, EO-PU.
Las Cruces (old)(N.M.)	9.5 NE;hwy S	4538	39	Pwr line S.Mtn E.
Lordsburg (N.M.)	1 SE;RR N	4287	47 S1	73 oct.
Magdalena (N.M.)	0.8 N;RR S	6572	48 S1	Ltd 73 oct.P-line SW.
Marfa Mun. (new)(Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
→ Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
(A) McNeal #1 (Douglas,Ariz) (A)	19 NNW	4195	60h	TMP INACT NO FACS.
✱ Mt.Riley Int,37,PH-EO	1.8 SE;RR N	4106	36 L2	(N.M.)
→ Parker (Ruidoso,N.M.)	8.2 NNE;rd N	7200	36	Cattle on fld.
RODEO Range (N.M.)	254(RH)(116.1)	24°,0.0	BMRLZ-DTV	(4); 116.1
★ Rodeo Int,26A,PH-EO	7.3 NNE;RR SE	4137	40 L3 S1	Ltd 73 oct. (N.M.)
[Roswell] (N.M.)	1.6 WNW;RR E	3621	56 L5 S6	73 oct.Fld lgts prior
Roswell Com. (N.M.)	4 W;hwy N	3700	33	Windmill SW. req.
ROSWELL Army Range (N.M.)	305 (DEH)	255°,3.6	SBMRAZ	(3); 126.18
ROSWELL AAF Tower (N.M.)	396 (126.18)+		CA	(3); 126.18
(A) Roswell AAF (N.M.)(A)	6.5 S	3666	85h L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3(N.M.)(A)	18 S	3712	70h	CLOSED.
Ruidoso Fly.Svc. (N.M.)	2 N	6900	51 S2	80 oct.Data unver
(A) Ryan #3 (Marfa,Tex)(A)	19 WNW;RR NE	4750	60h	CLOSED.
Safford (Ariz)	4.5 ENE;riv S	3176	48h L5 S5	80,91 oct.Fld lgts prior
SALT FLAT Range (Tex.)	335(DN)(116.1)	162°,2.7	BMRLPZ-DTV	(4); 116.1 req.
★ Salt Flat Int,8A,EO-FV	17 SW Guad.PS	3710	40 L3 S1	80 oct. Hwy S. (Tex)
Sierra Blanca (Tex)	2.8 ESE;hwy N	4450	21	P-line N.
Silver City (N.M.)	11.5 SE;hwy E	5400	54	
→ Skytel (Deming, N.M.)	1.4 WSW	4300	38 S2	73,80 oct.P-line E.
→ Socorro (N.M.)	2.5 S;hwy E	4759	60h L5 S1	80 oct.Use rnwys only.
State College(Mesilla Park)	1.2 E;RR W	3800	30 S6	73 oct.No sto.(N.M.)
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct.Hwy W.
Tracy (Carlsbad,N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
→ Tularosa (N.M.)	2.2 N;RR W	4550	34	
Valley (Berino, N.M.)	1 ENE;hwy W	3825	34 S1	73 oct.50'hi-line E.
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct.Poles NW.
Whitehill (Silver City,N.M.)	4 SSE	5800	30	P-line N.Rnwy data
Wickersham(Safford,Ariz)	2.5 S;RR NE	3000	32 S6	80,91 oct. unver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIGGS (A)	109.9	333.8	210°	IM- (0.26)	MM- ····· (0.85)	OM- — — (4.35)
					MMK-	OMK-
EL PASO	109.5	332.6	217°	IM-	MM- •—•— (0.67)	OM- — — (4.56)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

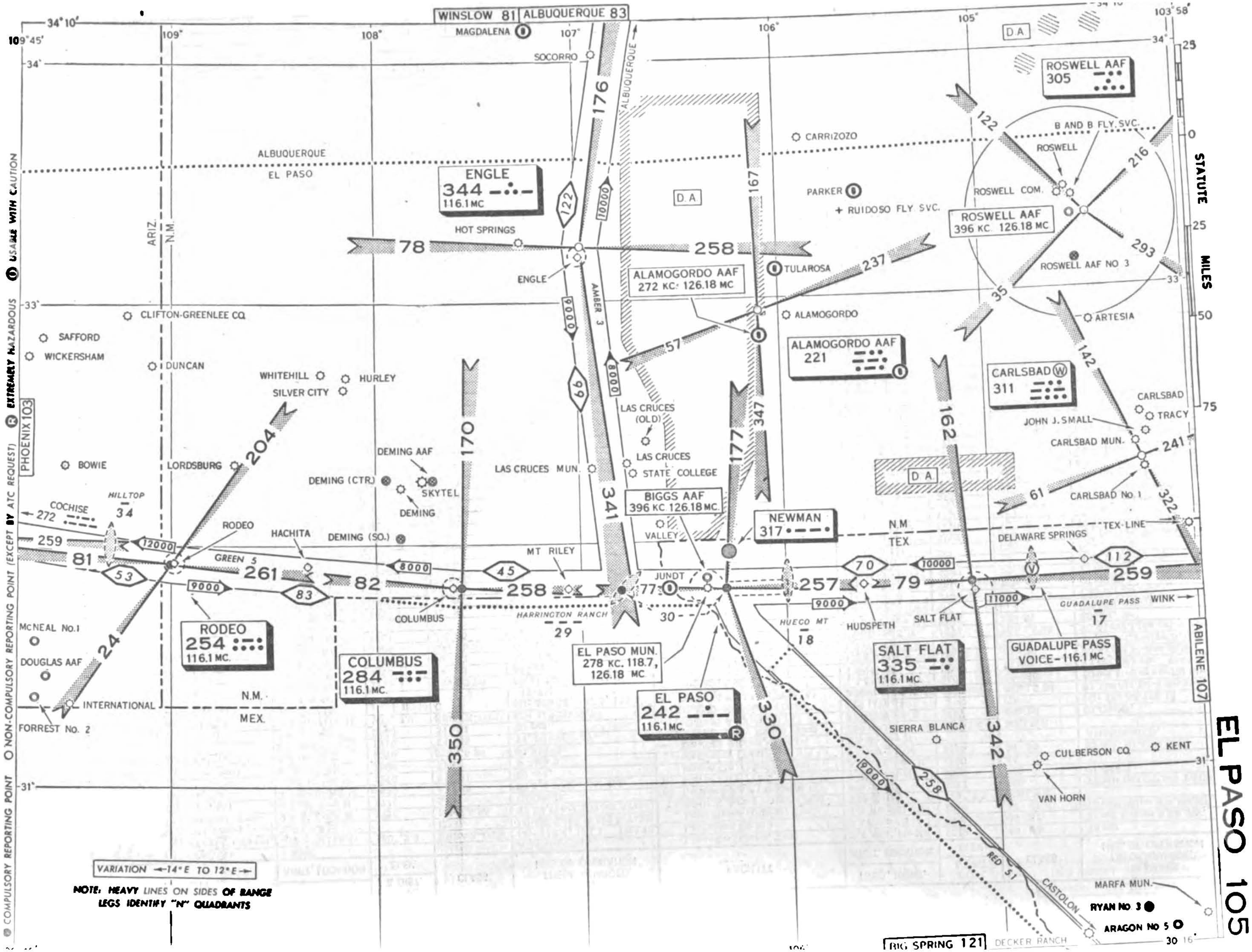
NEW FACILITIES

Kelly's (Acola,Tex)	0.3 NE	3550	74	Slightly rough & soft.
Springeville-Eager (Springeville,Ariz)	1.5 W	7000	37 L S1	80 oct. Flare pots prior req.
→ NEWMAN H Fac (Tex)	317(P)	357°,11	MHW	El Paso (cont)
McCombs Fld #1(Pine Spgs,Tex)	7.5 NNE	5200	20	Rough. Emerg.use only / Mtns NW

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

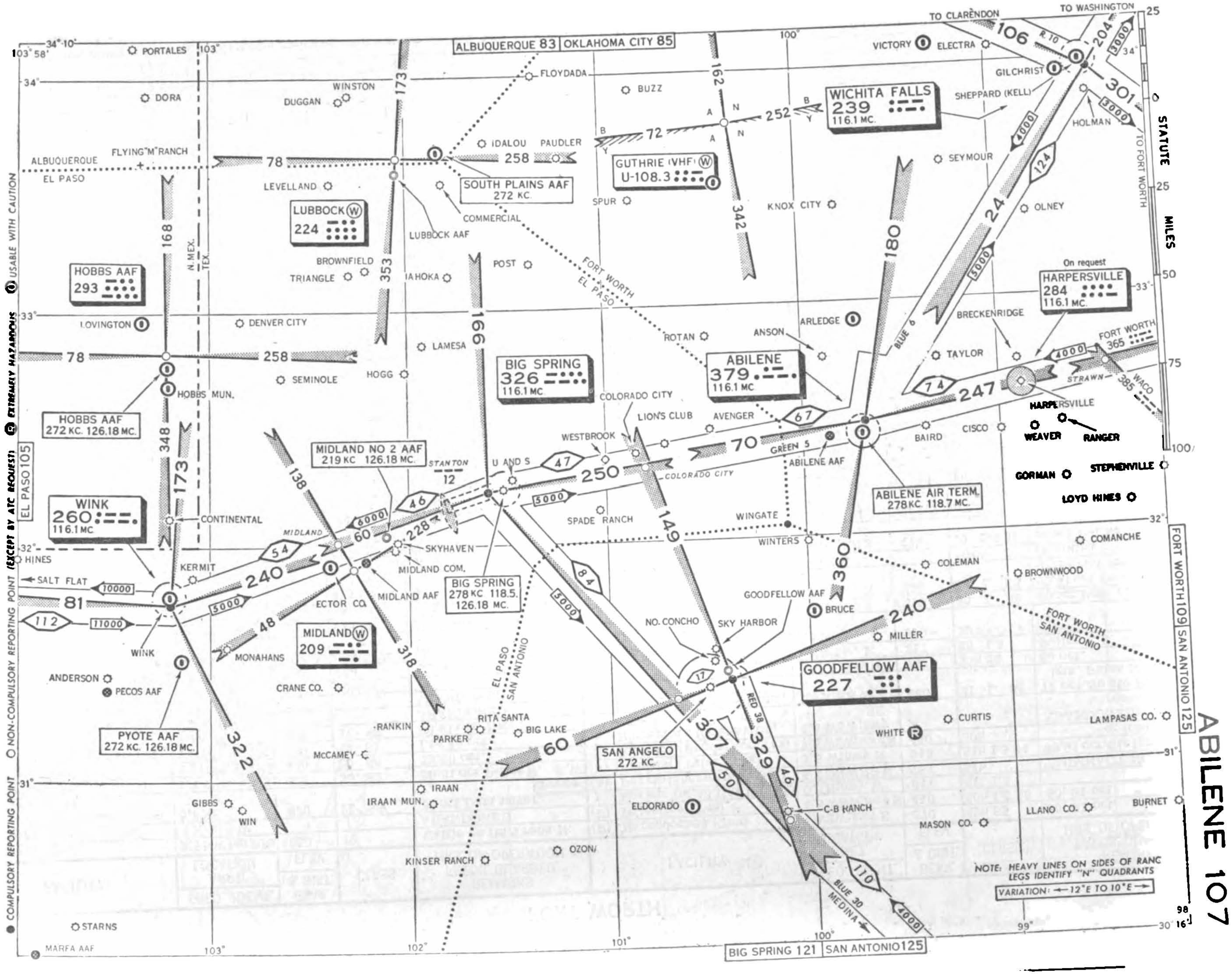

WINSLOW 81
ALBUQUERQUE 83
MAGDALENA
SOCORRO
ALBUQUERQUE
EL PASO
ENGLE
344
116.1 MC
HOT SPRINGS
ENGLE
ALAMOGORDO AAF
272 KC. 126.18 MC
ALAMOGORDO AAF
221
ROSWELL AAF
305
ROSWELL AAF
396 KC. 126.18 MC
ROSWELL COM.
ROSWELL
B AND B FLY. SVC.
ROSWELL AAF NO 3
CARRIZOZO
PARKER
+ RUIDOSO FLY SVC.
TULAROSA
ALAMOGORDO
ARTESIA
CARLSBAD
311
CARLSBAD
TRACY
JOHN J. SMALL
CARLSBAD MUN.
CARLSBAD No. 1
CLIFTON-GREENLEE CO.
SAFFORD
WICKERSHAM
DUNCAN
WHITEHILL
HURLEY
SILVER CITY
LAS CRUCES (OLD)
LAS CRUCES
STATE COLLEGE
LAS CRUCES MUN.
BIGGS AAF
396 KC. 126.18 MC.
NEWMAN
317
VALLEY
JUNDT
DEMING AAF
DEMING (CTR.)
SKYTEL
DEMING
DEMING (SO.)
HACHITA
RODEO
COCHISE
HILLTOP
34
BOWIE
LORDSBURG
MT RILEY
GREEN 5
261
82
258
77
257
79
70
45
53
83
81
259
272
24
204
170
350
341
347
177
162
330
342
322
112
259
RODEO
254
116.1 MC.
COLUMBUS
284
116.1 MC.
COLUMBUS
HARRINGTON RANCH
29
30
EL PASO MUN.
278 KC. 118.7,
126.18 MC
EL PASO
242
116.1 MC.
HUECO MT
18
HUDSPETH
SALT FLAT
SALT FLAT
335
116.1 MC.
GUADALUPE PASS
VOICE – 116.1 MC.
GUADALUPE PASS
17
WINK
DELAWARE SPRINGS
TEX-LINE
N.M.
TEX
MEX.
McNEAL No. 1
DOUGLAS AAF
FORREST No. 2
INTERNATIONAL
SIERRA BLANCA
CULBERSON CO.
KENT
VAN HORN
MARFA MUN.
RYAN No. 3
ARAGON No. 5
CASTOLON
RED 51
DECKER RANCH
BIG SPRING 121
ABILENE 107
PHOENIX 103
ALBUQUERQUE
AMBER 3
10000
9000
8000
12000
11000
D.A.
ARIZ.
N.M.
109°45'
109°
108°
107°
106°
105°
103°58'
34°10'
34°
33°
31°
25
0
25
50
75
STATUTE
MILES
EL PASO 105
EXTREMELY HAZARDOUS (R) USABLE WITH CAUTION
COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
NON-COMPULSORY REPORTING POINT
VARIATION 14°E TO 12°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

ABILENE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(A) Abernathy #1 (Tex) (A)	5 ENE			ABANDONED.
ABILENE Range (Tex)(Air Term.)	379(AP)(116.1)	180°,2.2	SBRAZ-DTV	(3); 116.1, 122.1 NATS
ABILENE AIR TERM. Tower (Tex)	278 (118.7)		C	(4);118.7,126.18,122.5(7-23)
(P) Abilene Air Terminal (Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct. 100 oct. Army.
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1791	51h	CLOSED.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct. Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
Arledge (Stamford, Tex)	5 SE;RR SW	1600	23h	P-line S.
(P) Avenger (Sweetwater, Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct
Big Lake Mun. (Tex)	0.6 NW;RR S	2950	37 S1	80 oct.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-DTV	(3); 116.1, 122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18, 122.5, 118.5 (7-23)
(N,P) [Big Spring] (Tex)	3.3 WSW;RR N	2595	62h L5 S6	80,91,100 oct. NATS.
Breckenridge (Tex)	2.5 S;RR E	1250	29 S6	80 oct.
Brownfield (Tex)	5 E;hwy N	3314	50 S2	80 oct. P-line N,NE.
Brownwood Mun. (Tex)	6.3 NNE;RR S	1386	50h L5 S4	80,91 oct. Ctc lgts on req.
Bruce (Ballinger, Tex)	4.5 SSW;hwy NW	1731	23h S6	80 oct. Usable strip 7460'.
Burkburnett (Tex)	1 SE;RR SW			ABANDONED
Burnett (Tex)	2 NE;RR W	1325	21 S1	80 oct. P-line SW.
Buzz (Roaring Springs, Tex)	2.3 NNE;hwy W	2600	26 S1	73 oct. P-line S.
C-B Ranch (Ft. McKavett, Tex)	1.5 W;road S	2150	32 S1	80 oct. Livestock on fld.
Cisco (Tex)	2.5 NNW;lake 2 N	1620	30 L S4	80,91 oct. Flare pots, flds
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80,91 oct. Use rnwys prior req.
Comanche (Tex)	1.7 NNW;hwy SW	1500	14	
Commercial (Lubbock, Tex)	3.2 SE;bet hwys	3240	40 S6	73,80 oct. No sto. Use strips
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Denver City (Tex)	0.8 NW	3584	40 S1	80 oct. Data unver.
Dora (N.M.)	1.3 E;hwy W	4000	27 S1	73 oct. P-line N.
Duggan (Littlefield, Tex)	1.2 S;RR NE	3550	37 S4	80,91 oct. Pwrline E,NE,SE
Dyche (Ft. Stockton, Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S6	80,91 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct. Poles E. Cattle on fld
Electra (Tex)	3.6 WNW;RR S	1229	27 S2	80 oct.
Floydada (Tex)	1.2 NNW;RR N	3287	20 S1	80 oct. P-line S. RR SW.
Flying "M" Ranch (Milnesand)	0.4 NNW;hwy E	4360	20 S2	80 oct. Data unver. (N.M.)
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
Gilchrist (Wichita Falls, Tex)	7 WNW;RR S	1020	30 S1	80 oct. P-line S.
GOODFELLOW Army Range (Tex)	227 (DIP)	329°, 2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo, Tex)(A)	3 SE;rds N,W	1877	55h	TMP INACT.
Gorman (Tex)	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
HARPERSVILLE H Fac. (Tex)	284 (HV)(116.1)		MHTV	(4); 116.1, 122.1
* Harpersville Int, 44, EO-FV (Tex)		1396	45 L3	9.2 S of Breckenridge
HOBBS Army Range (N.M.)	293 (DHB)	168°, 2.8	BMRLZ	(3) (V, 7-23)
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
[Hobbs Mun.] (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Holman (Wichita Falls, Tex)	3.1 SSE;hwy W	980	31 L S6	80,91 oct. Poles SE,E,NE.
Idalou (Tex)	5.5 ENE	3189	54h	Flood lgts.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct. P-line N,S,SE. Use strips only.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona, Tex)	25 W;riv W	2474	24 S1	80 oct. PRIV. Data unver.
Knox City (Tex)	0.8 SSE;RR W	1550	17	
Lamesa (Tex)	8 NNE;hwy E	3031	43h	Use rnwys only.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
Lampasas Co. (Lampasas, Tex)	6 NW;RR S	1480	42 S2	80 oct.
Levelland (Tex)	2 S;hwy W	3550	25 S1	80 oct. P-line NW,SW.
NEW FACILITIES				
Maker (Abilene, Tex)	2.7 W;hwy,RR N	1750	30 S6	80 oct. P-line N,NE,NW.
Rosser-Ranch (Graham, Tex)	6.7 SSW;riv 0.5 S	1070	40	Emerg use only. Trees N.
Goldthwaite (Tex)	2.6 WSW;hwy NW	1400	35 S2	80 oct. P-line W.
Llano Co. (Llano, Tex)	2.4 NNE;riv NE	1029	40 S1	73 oct.
Lovington (N.M.)	0.8 E;hwy S	3985	36 S1	73 oct. P-line S,SE,SW.
Loyd Hines (Dublin, Tex)	1.3 NW;RR SW	1260	18 S1	73 oct. Poles NW,SW,SE.
LUBBOCK Army Range (Tex)	224 (DHH)	173°, 3.7	MRLWZ	
(A) Lubbock AAF (Tex) (A)	9 W;RR S	3332	65h	TEMP INACT. NO FACS.
(A) Marfa AAF (Tex) (A)	9 ESE;RR N	4885	75h	CLOSED.
Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED.
MIDLAND Army Range (Tex)	209 (DON)	48°, 3.8	MRLWZ	
(A) [Midland AAF] (Tex) (A)	9.5 WSW;RR S	2867	64h L1	CLOSED.
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58, 126.18
(A) Midland #2 AAF (Tex) (A)	3 NW;rd E	2805	64h L5 S4	91,100 oct. JP-1. No sto.
Midland Com. (Tex)	1.1 SSE;hwy N	2800	30 S6	80 oct. P-line sur fld. Strip ends rough
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW;RR N	2643	32 S6	80,91 oct. P-line SSW.
North Concho (San Angelo, Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct. P-line N,E,SE.
(P) Olney (Tex)	4 WSW;rd S,N	1274	55h L5 S6	80,91 oct. Lgts prior req.
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Paducah (Tex)	2.5 ESE;RR NW			ABANDONED
Parker (Texon, Tex)	2.3 W;RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Portales (N.M.)	4.5 SW;RR NNW	4200	46 S1	73 oct.
Post (Tex)	0.8 NE;RR W	2700	28	SSW,W blckd Canyon E
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91, 100 oct. No sto.
Ranger (Tex)	1.5 SSW;RR W	1420	28 S6	80 oct. P-line NE.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S,SE Hills sur fld.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Emerg use only. Obsts sur fld.
Rotan (Tex)	1.4 NNW;rd E	2000	26	Poles E. CAUTION.
SAN ANGELO-MATHIS Tower (Tex)	272		CI	(4) (12-1 hr. after sunset).
(P) SAN ANGELO-MATHIS (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct. P-line S. Use strips.
Seymour (Tex)	1.3 SE;riv SW	1300	27 S1	80 oct.
[Sheppard/Kell Mun.] (Wichita Falls, Tex)	5.8 N;hwy W	1028	66h L5 S6	80,91,100 oct.
Sky Harbor (San Angelo, Tex)	4.6 NNW;RR SW	1840	30 L3 S4	80, 91 oct. After 2100 lgts on req. P-line W,NW.
Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct. P-line ENE,SE
SOUTH PLAINS AAF Tower (Tex)	272		CA	(4) (8-17 Mon-Fri)
(A) [South Plains AAF] (Lubbock)	5.5 NNE;RR W	3256	65h L5 S6	73,91,100 oct. JP-1. (Tex)
Spur (Tex)	2.2 S;RR N	2363	28 S4	80, 91 oct.
Stamford (Tex)	2.5 N;hwy E			ABANDONED. Port rnwy lgts
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct. prior req.
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts.
Taylor (Albany, Tex)	1 N;RR SW	1429	28 S2	80 oct.
Triangle (Brownfield, Tex)	1.8 SSW;RR NW	3200	20 S2	73 oct.
U & S Fly Svc. (Big Spring, Tex)	1.5 N;hwy 1 S	2517	34 S6	80 oct. P-line N,NNE. Ctn
Victory (Vernon, Tex)	5.9 SSW;hwy E	1230	20h S2	No fuel. E/W strip.
Weaver (Eastland, Tex)	1 NE;RR S	1576	31 S6	80 oct.
* West Brook Int, 32, EO-FV (Tex)	1.3 S;RR N	2188	34 L3	P-line N,S.
White (Brady, Tex)	10 W;RR N	1550	73	
WICHITA FALLS Range (Tex) (Sheppard/Kell Mun.)	239(WF)(116.1)	305°, 1.7	SBMRAZ-DTV	(4); 116.1, 122.1
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260(WP)(116.1)	353°, 1.2	SBRAZ-DTV	(4); 116.1, 122.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80, 91 oct.
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
NEW FACILITIES				
GUTHRIE Range (Tex)	108.3 (UH)		VARW	
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook, Tex)	14.8 S;ranch 4 E	2127	26	
Paudler (Crosbyton, Tex)	1.5 E;RR W	3108	19 S2	80 oct. P-line N,NE,NW.
Tahoka (Tex)	1.3 SSW;hwy E	3090	41 L S6	80 oct. P-line NE,W,NW.
Winston (Littlefield, Tex)	2.5 ENE	3550	43	P-line W. Strip lgts prior req.
Westodessa (Odessa, Tex.)	1.5 WSW;RR S	2880	33 S2	80,91 oct. P-lines NNW,SSE
Decker Ranch (Candelaria, Tex)	11 NNE;cliff 2 E	3650	29	PRIVATE
Graham (Tex)	2 ENE;hwy,RR N	1060	40 S3	80 oct. P-line NW,W,N. Trees
Wilson Ranch (Bakersfield, Tex)	12 ESE;hwy S	3000	30	Surrounding terrain hilly SW.
Hines (Red Bluff Lake, Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


ALBUQUERQUE 83 | OKLAHOMA CITY 85
PORTALES
DORA
WINSTON
DUGGAN
FLOYDADA
BUZZ
VICTORY
ELECTRA
TO CLARENDON
TO WASHINGTON
GILCHRIST
SHEPPARD (KELL)
WICHITA FALLS
239
116.1 MC.
HOLMAN
SEYMOUR
ALBUQUERQUE
EL PASO
FLYING "M" RANCH
IDALOU
PAUDLER
258
SOUTH PLAINS AAF
272 KC.
COMMERCIAL
LEVELLAND
LUBBOCK
224
LUBBOCK AAF
GUTHRIE (VHF)
U-108.3
SPUR
KNOX CITY
OLNEY
STATUTE MILES
TO FORT WORTH
USABLE WITH CAUTION
HOBBS AAF
293
N. MEX.
TEX.
BROWNFIELD
TRIANGLE
IAHOKA
POST
FORT WORTH
EL PASO
On request
HARPERSVILLE
284
116.1 MC.
LOVINGTON
DENVER CITY
ARLEDGE
BRECKENRIDGE
ROTAN
ANSON
LAMESA
BIG SPRING
326
116.1 MC
ABILENE
379
116.1 MC
TAYLOR
FORT WORTH
365
SEMINOLE
HOGG
HOBBS MUN.
COLORADO CITY
LION'S CLUB
AVENGER
STRAWN
WACO
HARPERSVILLE
HOBBS AAF
272 KC. 126.18 MC.
WESTBROOK
BAIRD
CISCO
WEAVER
RANGER
MIDLAND NO 2 AAF
219 KC 126.18 MC.
STANTON
U AND S
GREEN 5
ABILENE AAF
GORMAN
STEPHENVILLE
LOYD HINES
WINK
260
116.1 MC
CONTINENTAL
SPADE RANCH
WINGATE
ABILENE AIR TERM.
278 KC. 118.7 MC.
MIDLAND
SKYHAVEN
WINTERS
COMANCHE
HINES
KERMIT
MIDLAND COM.
COLEMAN
BROWNWOOD
SALT FLAT
BIG SPRING
278 KC 118.5
126.18 MC.
MIDLAND AAF
ECTOR CO.
GOODFELLOW AAF
BRUCE
NO. CONCHO
SKY HARBOR
MILLER
FORT WORTH
SAN ANTONIO
WINK
MONAHANS
MIDLAND
209
ANDERSON
PECOS AAF
CRANE CO.
GOODFELLOW AAF
227
CURTIS
LAMPASAS CO.
EL PASO
SAN ANTONIO
RED 38
RITA SANTA
RANKIN
PARKER
BIG LAKE
WHITE
PYOTE AAF
272 KC. 126.18 MC.
McCAMEY
SAN ANGELO
272 KC.
IRAAN
IRAAN MUN.
ELDORADO
C-B RANCH
MASON CO.
LLANO CO.
BURNET
GIBBS
WIN
KINSER RANCH
OZONA
NOTE: HEAVY LINES ON SIDES OF RANG LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 12°E TO 10°E →
BLUE 30
MEDINA
STARNS
MARFA AAF
EXTREMELY HAZARDOUS
EL PASO 105
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
BIG SPRING 121 | SAN ANTONIO 125
FORT WORTH 109 | SAN ANTONIO 125
ABILENE 107

FORT WORTH

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Bowie (Tex)	2.8 NW;bet RRs	1050	19	Cattle on fld.Trees N.
Brown (Bonham, Tex)	8 N;hwy W			ABANDONED
Byrn's Sky Ranch (Hillsboro, Tex)	5.8 NE	820	25 S6	80 oct.Data unver. Trees
Carthage Air Svc.(Tex)	1.3 W;hwy N,S	310	30 S2	80,91 oct.P-line N. E,W.
Clarksville (Tex)	2.8 NNW;RR SW	480	20 S6	73,80 oct.
Cleburne Northwest (Tex)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Commerce (Tex)	3.4 NNE	548	27 S6	80,91 oct. Hwy SE.
➝ Commercial(Durant,Okla)	5.2 W;RR N			ABANDONED
➝ Corsicana,com. (Tex)	2.8 SW;bet rds			ABANDONED
Corsicana,mun. (Tex)	5.6 SE;RR E	448	20h S6	
(A) Cox AAF (Paris,Tex)(A)	6.5 ESE;RR N	546	46h	CLOSED.
DALLAS Range (Love)(Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Denton (Tex)	4 WSW		42h S6	80,91 oct.No sto.Data unver.
➝ DUNCANVILLE H Fac.(Tex)	404 (D)	176°,10.5	FMHW	(Cont.) Dallas
(P) Eaker (Durant,Okla)	3.2 SSW; RR NW	703	52h L5 S1	80,91 oct.All lgts prior req.
Elder (Kilgore,Tex)	2.5 NE;RR E	352	27 S6	80,87,91 oct.P-line W.
(P) Ellis Co.(Waxahachie,Tex)	3.5 NE;RR S	585	31 S2	73 oct.P-line S.
Ennis (Tex)	1.5 NW;RR E	540	18 S4	Ltd 73 oct. No sto.
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°, 2.4	SBRAZ-DTXV	(3); 116.1, 122.1
↘ Gage (Teague, Tex)	1.7 N		22 S4	80 oct.P-line W.Data unver
(A) Gainesville AAF (Tex)(A)	3.8 WNW;RR S	833	45h S5	80,91 oct. ARMY TEMP. INACT.
➝ Gainesville com (Tex)	3 NNE;hwy W	800	30	CLOSED
(A) Gaskin (Sherman,Tex)(A)	12.6 SW;rd E	745	40h L	B-2, flood lgts.
➝ GRAUWYLER PARK H Fac.	311 (L)	356°,0.8	MHW	(Cont.) Dallas (Tex)(NC)
Gray (Denison, Tex)	2.5 E;RR N	675	24 L S6	80 oct.Emerg.lgts by circling fld.
(P) Gregg Co.(Longview,Tex)	7.2 S;riv N	365	52h S1	80,91 oct.
Hamilton (Tex)	2.3 SSW;hwy E	1250	47 S6	80 oct.Fence sur fld.
Hartlee (Denton,Tex)	5.4 NE;RR SSE	588	27 S6	73,80 oct.Poles S.
➝ HASLET H Fac. (Tex)	371 (F)	1°,8.1	FMHW	(Cont.) Ft. Worth
Henderson (Tex)	2.1 WNW;hwy S	410	19 S2	73 oct.
↘ Holmes (Gilmer, Tex)	4 N;RR W	370	23	P-line W.Cattle on fld.
(P) Idabel (Okla)	1.3 NW;RR E	500	39 S2.	80 oct.P-line NE
Jacksonville (Cypress,Tex)	3 N;RR E	500	26 S6	73,80 oct.P-line ENE.
Jones (Bonham, Tex)	2 NNE;hwy E	616	18 L S1	80,91 oct. Lgts on req.
Legion (Paris, Tex)	1.9 NW;RR E	538	31 S6	80 oct. P-line E.
LOVE Tower (Dallas,Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18
➝ (P) [Love] (Dallas, Tex)	5 NNW;hwy W	483	52h L6 S6	73-100 oct.Poles S No flood lgts.
McKinney (Tex)	2.1 S;hwy W	616	23 S2	80 oct. Poles E,W.
(P) Majors (Greenville, Tex)	5 SSE;RR W	544	55h S4	80, 91 oct.
Marshall (Tex)	3.9 SE;hwy N	400	30 S6	73 oct.P-line N.
MEACHAM Tower (Fort Worth, Tex)	272 (126.18, 118.7)		AC (ILS)	(4);126.18,118.7,122.5
(N)(P) [Meacham](Fort Worth, Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73-100 oct.NATS (Hospital flights)
Mexia (Tex)	1 SE;RR NW	550	24 S2	80 oct.
➝ Mount Pleasant (Tex)	2.8 ENE;RR S			ABANDONED
Muenster (Tex)	2.6 E;RR S	1010	26 S1	80 oct.P-line S.
(P) Nacogdoches (Tex)	4 WSW;hwy E	370	43h S5	80, 91 oct.
(P) Palestine (Tex)	4.5 WNW;hwy N	410	40h L5 S6	80, 91 oct.
* Parker Int,48,JI-FV (Tex)	0.6 N;hwy W	847	31 L3	
(A) Perrin (Sherman,Tex)(A)	6.4 NNW;RR N	753	51h	TMP INACT,NO FACS.
(P) Pounds (Tyler, Tex)	5.5 W;hwy N	543	51h L5 S4	80,91 oct.Ctc lgts prior req. No sto.
(P) Rusk Co.(Henderson,Tex)	2.5 WSW;hwy N	440	30h	
➝ Rutherford (Greenville, Tex)	4.5 WSW;hwy SE			ABANDONED
Seventy-Five (Corsicana, Tex)	1.8 N;RR W	480	21 L S6	73 oct.No sto.Port rnwy lgts. Poles NW.
Sherman (Tex)	1.4 SE;hwy N	749	25h S6	80 oct.
* Simms Int,14,DL-LV (Tex)	1 NE;hwy E	357	26 L3	P-line E,S.
South Sulphur (Greenville, Tex)	9.5 NNE	550	30	
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct.Port rnwy lgts.
Stewart (Tyler, Tex)	2.5 E;hwy N	520	32 L S6	80,91 oct.Poles W.Ctc lgts prior req.Rnwy data unver.
SULPHUR SPRINGS H Fac.	224 (ZO)		MHW	Operates cont.
Sulphur Springs, 7B, DL-LV (Tex)	1.9 NW;RR S	472	35 L3 S1	80 oct.P-line S,SE
TYLER Range (Tex)(Pounds)	320(TQ)(116.1)	120°,1.6	BMRLZ-DTV	(4);116.1,122.1
WACO Range (Tex)(Mun.)	385(WC)(vhf)	9°, 2.6	SBRAZ-DTV	(4); 116.1, 122.1
Waco (Tex)	7 NNE;bet RRs	470	63h	
(A) [Waco Mun.] (Tex)	6 NW;lake S	510	57h L5 S6	80,91,100 oct.
(A) Waco #5 (Prairie Hill,Tex)	2 S;hwy N	560	40h	CLOSED (A) NOT MAINT
Waxahachie (Tex)	1.5 SSW	558	16 S1	73 oct. Hwys E.
Weddington (Hugo,Okla)	1.9 NW;hwy SW	550	24 S6	80 oct. P-line E.
Whaley (Gainesville,Tex)	5.7 WSW;RR N	820	20 S6	80 oct.P-line N.
* Wills Point Int,7,FV-AG	5.9 NW	529	28 L3	(Tex)
Wisener (Mineola, Tex)	1.5 NW;hwy S	510	32 S2	73 oct.
Wolfe City (Tex)	2 N		20	No fuel. P-lines N Data unver.

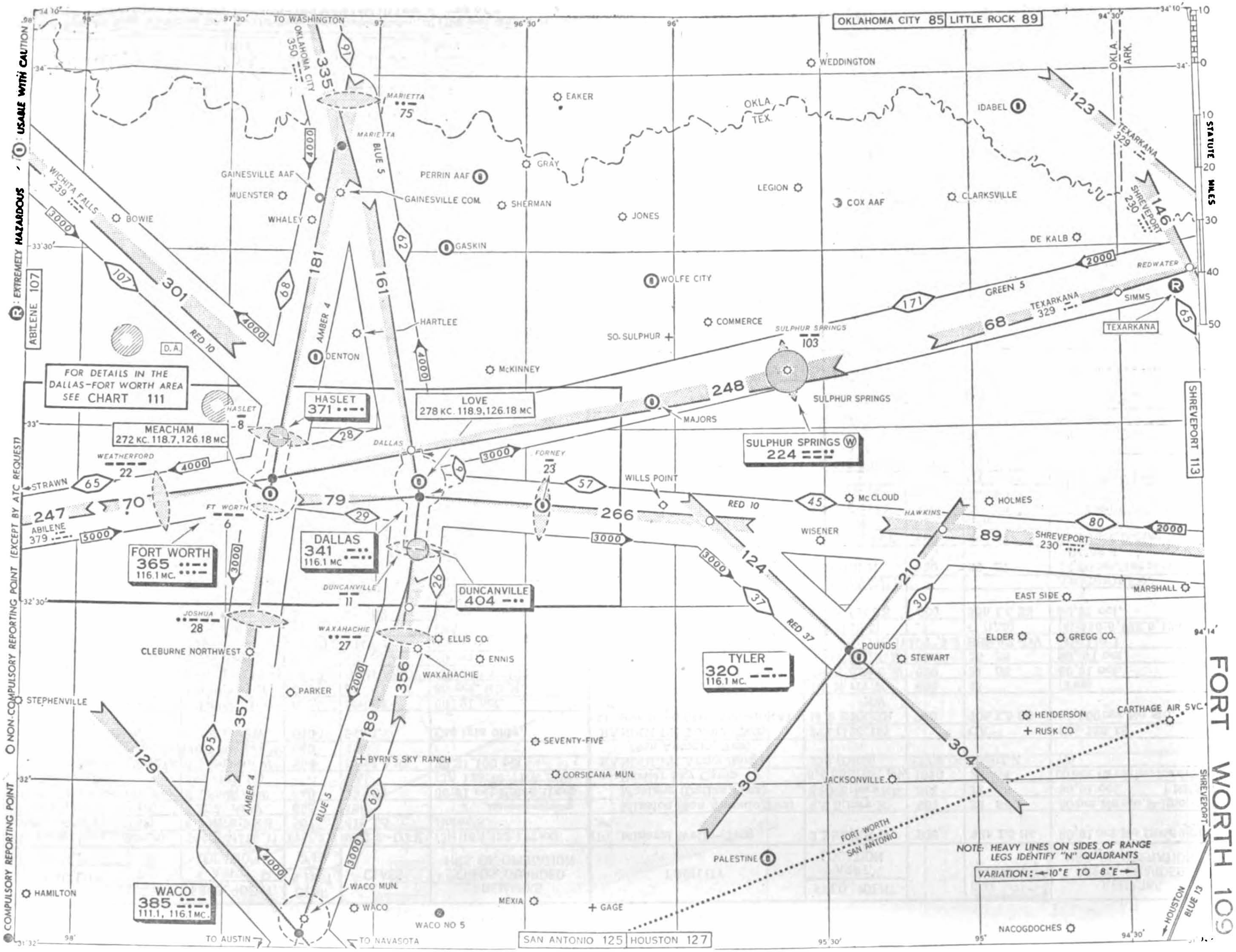
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOVE	110.3	335	126°	IM-	MM- •—•—(0.7)	OM- ——(4.35)
					MMK-	OMK-
				IM-	MM-•	OM-
MEACHAM	109.9	333.8	172°	IM-	MM-•—•—(0.71)	OM- ——(4.10)
					MMK- 356 •—•—	OMK-

NEW FACILITIES

East Side (Longview,Tex)	2.4 NE;RR S	352	25 L S6	80,91 oct. Port rnwy lgts.
Denton (Tex.)	4 WSW	630	42h S6	80,91 oct. P-line S
➝ Hoffman(Mt.Pleasant,Tex)	2 SSW;RR E	416	32 S4	80oct.P-line N.
➝ Mulinax(Winnsboro,Tex)	1.3 SE	533	26 S1	80oct.P-line NNE.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 118.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page II) ➝ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


OKLAHOMA CITY 85 | LITTLE ROCK 89
TO WASHINGTON
OKLAHOMA CITY 350
335
MARIETTA 75
EAKER
WEDDINGTON
OKLA TEX
IDABEL
123
TEXARKANA 329
OKLA ARK.
SHREVEPORT 230
146
GAINESVILLE AAF
PERRIN AAF
GRAY
LEGION
COX AAF
CLARKSVILLE
MUENSTER
WHALEY
GAINESVILLE COM.
SHERMAN
JONES
DE KALB
WICHITA FALLS 239
BOWIE
301
GASKIN
WOLFE CITY
REDWATER
GREEN 5
TEXARKANA 329
SIMMS
TEXARKANA
ABILENE 107
RED 10
D.A.
HARTLEE
AMBER 4
DENTON
McKINNEY
COMMERCE
SO. SULPHUR
SULPHUR SPRINGS 103
FOR DETAILS IN THE DALLAS-FORT WORTH AREA SEE CHART 111
HASLET
HASLET 371
LOVE 278 KC. 118.9, 126.18 MC
MEACHAM 272 KC. 118.7, 126.18 MC
SULPHUR SPRINGS
MAJORS
248
DALLAS
FORNEY
WEATHERFORD 22
STRAWN
FT. WORTH
247
ABILENE 379
70
79
SULPHUR SPRINGS 224
WILLS POINT
McCLOUD
HOLMES
HAWKINS
WISENER
266
FORT WORTH 365 116.1 MC.
DALLAS 341 116.1 MC
DUNCANVILLE 404
DUNCANVILLE
JOSHUA 28
WAXAHACHIE 27
ELLIS CO.
ENNIS
WAXAHACHIE
CLEBURNE NORTHWEST
PARKER
TYLER 320 116.1 MC.
POUNDS
STEWART
EAST SIDE
MARSHALL
ELDER
GREGG CO.
SHREVEPORT 230
89
STEPHENVILLE
SEVENTY-FIVE
BYRN'S SKY RANCH
CORSICANA MUN.
JACKSONVILLE
HENDERSON
RUSK CO.
CARTHAGE AIR SVC.
357
189
356
129
304
30
210
124
WACO 385 111.1, 116.1 MC.
WACO MUN.
WACO
WACO NO 5
MEXIA
GAGE
PALESTINE
FORT WORTH SAN ANTONIO
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 10°E TO 8°E
NACOGDOCHES
HOUSTON BLUE 13
SHREVEPORT
TO AUSTIN
TO NAVASOTA
SAN ANTONIO 125 | HOUSTON 127
FORT WORTH 109
SHREVEPORT 113
STATUTE MILES
0 10 20 30 40 50
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT

FORT WORTH - SAN ANTONIO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
→ ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	MRLZ-DTV	(3);116.1,122.1(Tex)
Arlington-Midway (Tex)	6.8 NNE;RR S	567	41h L5	Poles S.
(N) Arlington OLF (Tex) (N)	4 SSW;rd W	695	13h	
Bexar Co. (San Antonio,Tex)	7.1 SSW;rd W	640	32 S6	80,91 oct.Poles,trees
BROOKS Tower (Tex)	396 (126.18)		CA	(3); 126.18 NW,S,W.
(A) Brooks (San Antonio,Tex) (A)	6.5 SSE;RR W	594	52h L5 S6	73,91,100 oct.
Caddo Mills (Greenville,Tex)	10.7 SW;hwy W	540	40h	
(A) Clear Springs #5 (New Braunfels, Tex) (A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Clearview (Dallas, Tex)	5.1 SSW;RR N	619	30h S6	80, 91 oct.
Craigg (Sayers, Tex)	1.8 W;hwy N	650	41 S1	80 oct. RR N.
DALLAS Range (Love) (Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
→ Davis (San Antonio, Tex)	6.7 N;RR SE	780	17 S1	80 oct.
→ DUNCANVILLE H Fac.(Tex)	404 (D)	176°,10.5	FMHW	(Cont.) Dallas
(N) Eagle Mtn Lake MCAS (N)	1 SSE;RR NE	745	60h	INACTIVE. (Newark,
Faurie (Gonzales, Tex)	2 NNE;hwy E	340	18 S2	80 oct.Trees N,S. Tex.
→ Fliers (Dallas, Tex)	6.5 WSW;RR W			ABANDONED
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°,2.4	SBRAZ-DTXV	(3); 116.1, 122.1
FORT WORTH AAF Tower	317(126.18)+		CA ◆:45,05	(3); 126.18
(A) Fort Worth AAF (Tex)(A)	6.8 WNW;lk N	636	73h L5 S6	73,91,100 oct. JP-1.
(N) Grand Prairie OLF (N) (Tex)	1 WSW;RR N	529	30h L5 S4	73 oct.No ocn.
→ GRAUWYLER PARK (Tex)(NC)	311 (L)	356°,0.8	MHW	(Cont.) Dallas
Handley (Tex)	0.6 NE;RR S	630	26 S6	73 oct.
→ HASLET H Fac.(Tex)	371 (F)	1°, 8.1	FMHW	(Cont.) Ft. Worth
HENSLEY Tower (Tex)	396 (126.18)		CA	(4); 126.18
(A,N) Hensley (Dallas,Tex)(A,N)	11 WSW;hwy N	495	52h L5 S4	73,91,100 oct.
Hicks (Ft. Worth, Tex)	12.5 NNW	820	27	Lake W.
Highland Park (Dallas,Tex)	9 N;RR E	622	27h L S6	80,91 oct.P-line E. Ctc lgts N/S rnwy. Data unver.
Hudson (Dallas, Tex)	9.6 NE;RR SE	614	17h S6	80,91 oct.P-line W.
Hurt (San Antonio, Tex)	6.5 WNW	680	36 S6	80 oct. Hwy W.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio,Tex)(A)	6.2 WSW;RR SE	670	72h L5 S6	62,73,91 oct.JP-1. FOR.CLEAR.STN.
→ Kuehler (New Braunfels,Tex)	1.7 SE;riv NW			ABANDONED.
→ Lake (San Antonio, Tex)	10 S;RR E	700	27 S1	80,91 oct.
→ Leon Valley (San Antonio)	8.6 WNW;hwy E	710	40 S6	73,80,91 oct. P-line N,W
Lou Foote (Dallas, Tex)	8.8 S;hwy E	665	35 S6	73,80,91 oct.Bldgs NW. N, NE.
LOVE Tower (Dallas, Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18 No flood lgts.
(P) [Love] (Dallas, Tex)	5 NNW ;hwy W	483	52h L6 S6	73-100 oct. Poles S.
→ Luling (Tex)	1.1 SE;hwy NE	418	18 S1	80 oct.P-lines sur fld.
Luscombe (Garland, Tex)	2.2 WSW;RR N	610	50 S5	80 oct. No sto.
(A) Martindale #4 (San Antonio, Tex) (A)	7.1 E;RR S	660	30h	
MEACHAM Tower (Tex)	272,(126.18, 118.7)		AC (ILS)	(4); 126.18,118.7,122.5
(N,P) [Meacham] (Ft. Worth) Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73,80,91,100 oct.NATS (Hospital flights)
Midwest (Ft. Worth, Tex)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct.Port rnwy lgts. P-line W,S.

FACILITY	FREQ., IDENT. / ARPT. LOCATION		CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Mineral Wells (Tex)	3.2 SE;RR N	938	42h L5 S4.	80,91 oct.No flood lgts
Mission (San Antonio,Tex)	4.5 S;hwy E	567	23 S6	80 oct.No sto.P-line
Mustang (Dallas, Tex)	6 NNE;hwy NE	604	32 S6	80,91 oct. NNE.
→ Parker Sky Camp	3.4 SSE;RR NW	1050	23 S4	80 oct.(Weatherford,Tex)
RANDOLPH Army Range (San Antonio, Tex)	359 (DRQ)	322°,2.04	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio)(A)	14.8 ENE;RR NW	760	70h L5 S6	91,100 oct.No sto.
Riomedina (Castroville)	4.5 N;riv W	855	45	(Tex)
Russell (Ft. Worth, Tex)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Saginaw (Tex)	0.5 WNW;RR E	790	26 S6	80, 91 oct.
SAN ANTONIO Range (Kelly)	254(ZN)(116.1)	107°,1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO [San Antonio Mun.-Alamo] (San Antonio, Tex)	278 (118.5) 7.8 N;RR SE	800	C (ILS) 55h L6 S2	(4);118.5,122.5,126.18 80,91 oct.
→ Schneider (Seguin, Tex)	2.2 WNW;RR N			ABANDONED.
Second Ave.(Dallas,Tex)	7 SE;RR N	530	26 S1	73,80 oct.Use strips. Poles S.
Seguin (Tex)	3.3 WSW;riv E	400	29 S1	73,80 oct.P-line NW
(A) Seguin #1 (Tex) (A)	3 E;rd N	530	54h	
Skyline (Dallas, Tex)	3.2 SSE;riv E	430	26 S6	80,91 oct.Trees NW
Sky Ranch (Arlington,Tex)	3 SW;RR N	590	25 S2	80 oct.
STINSON Tower (Tex)	209		CI	3105, 6210 (8-2230)
Stinson (San Antonio,Tex)	6.2 SSE;RR E	567	49h	
T.C.U. (Ft. Worth, Tex)	6.6 SW;RR S	710	24 S6	80, 91 oct.
Terrell Mun. (Tex)	1.5 SE;RR W	490	30h	80, 91 oct.
Wallace (Terrell, Tex)	2 W;RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman,Tex)	4 W;hwy N			ABANDONED
Weatherford Mun. (Tex)	1 W;hwy N	1147	38 S4	80 oct.
White Rock (Dallas,Tex)	6.7 ENE;RR NW	543	29 L S6	91 oct. Port rnwy lgts.
Yates (San Antonio, Tex)	13.7 N;hwy W	968	33	
YOAKUM H Fac. (Tex) (Int.)	236 (YK)	352°,2.8	HW	
Yoakum (Tex)	4 N;hwy W	375	20 S6	80 oct.
* Yoakum Int,7,JR-HU (Tex)	5 NW;hwy S	387	39 L3	
(A) Zuehl #6 (Tex) (A)	0.8 NE	610	30h	Hwy NW

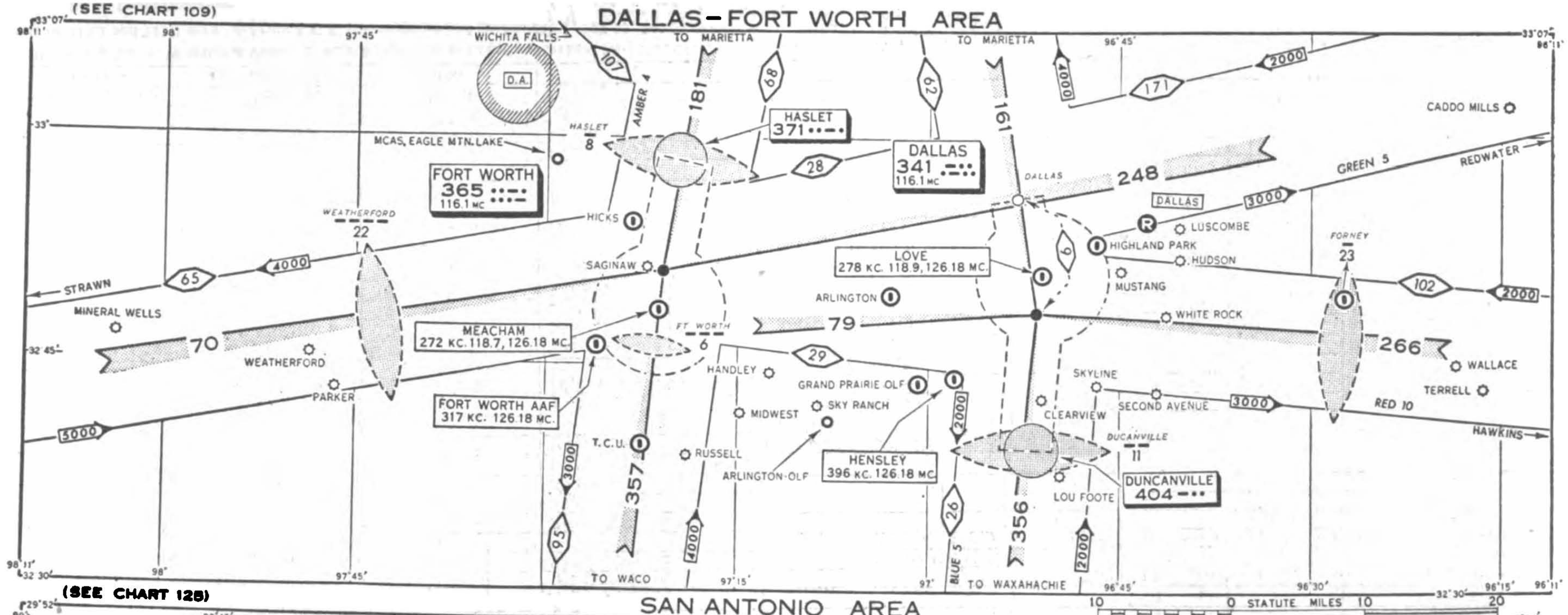
INSTRUMENT LANDING SYSTEMS (*Localizer and G.P. in mcs, Compass Locators in kcs*)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALAMO	109.9	333.8	30°	IM-	MM-•—•—(0.68)	OM- ——(4.38)
					MMK-	OMK- 230 ——••
LOVE	110.3	335	126°	IM-	MM-•—•—(0.70)	OM- ——(4.35)
					MMK-	OMK-
				IM	MM-;	OM-
MEACHAM	109.9	333.8	172°	IM-	MM-•—•—(0.71)	OM- ——(4.10)
					MMK- 356 •••—	OMK-

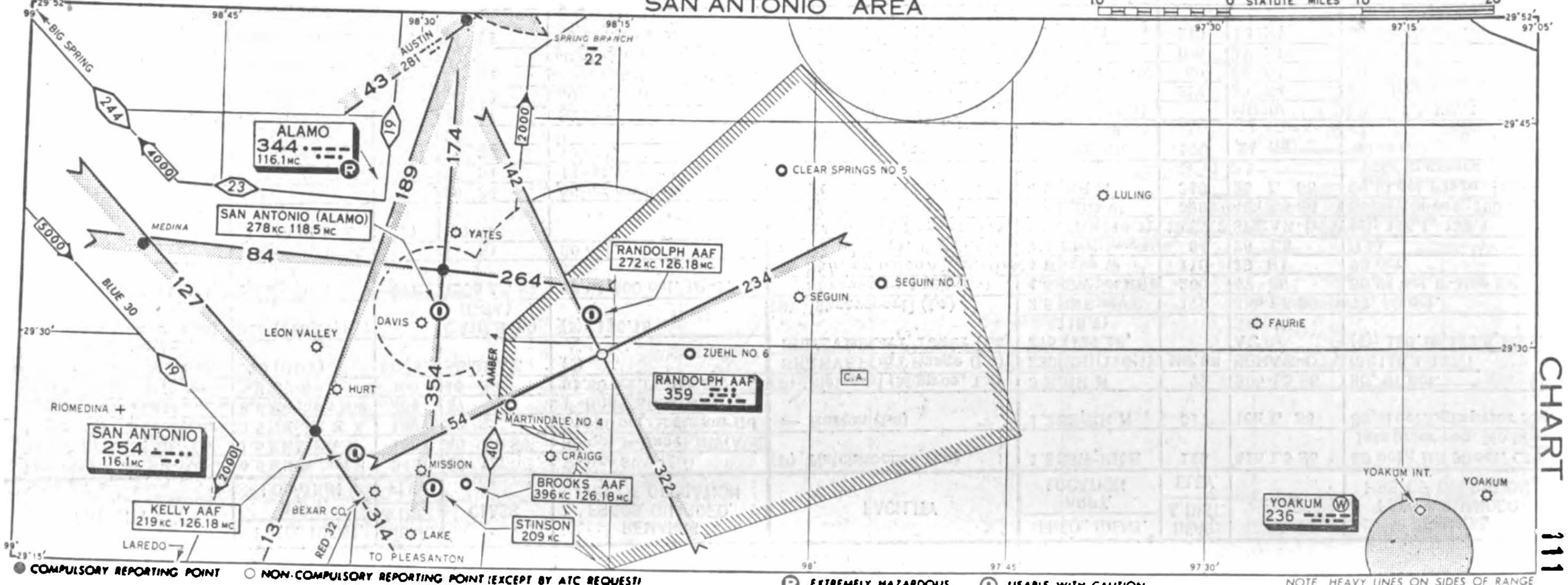
RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED Airports are indented and non-capitalized

DALLAS – FORT WORTH AREA



SAN ANTONIO AREA



● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓘ USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 111

SHREVEPORT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
★ Arcadia Int,26,FV-AG	4.5 E;RR,hwy S	342	29 L3	P-line SW. (La)
Arkadelphia,24,DL-LV	1.5 ENE;RR N	186	40 L3 S6	80 oct.P-line N,NW(Ark)
Ashley Co.(Crossett,Ark)	5.5 NE;RR E	160	27 S2	Ltd 80 oct.Obsts sur fld.
Atlanta Mun. (Tex)	2 WSW;hwy NW	264	37	P-line ESE,SSE.
Baker (Magnolia,Ark)	4.3 E;hwy S	300	18 S6	91,80 oct.P-line SW.
BARKSDALE Army Range (Shreveport) (La)	379 (DBY)	325°,4.4	SBMRAZ	(3)
BARKSDALE Tower (La)	396 (126.18)+		CA(ILS-W) (GCA)	(3); 126.18
(A) Barksdale (Shreveport, La) (A)	5.8 E;riv W	167	100h L5 S4	73,91,100 oct. JP-1.
Bastrop (La)	2.8 WSW;riv W		18 S1	80 oct.
Burnside & McDonald (Newellton, La)	1.5 SW;RR E	77	40	
Castle (St.Joseph, La)	2 N	75	20 S4	80 oct.No sto.Data unver
Childress (Flora,Miss)	1.5 NNW;RR E	186	30 S1	73 oct.Trees,bldg N.
Cleveland (Miss)	2 NW;hwy S	140	26 S6	73 oct.
Cole (Heads, Miss)	3 NE;RR W	118	16	
Cypress(Greeny'l,Miss)	1.5 SSW;lk E	125	28 S4	80 oct.
David G. Joyce(Winnfield)	3 NW;hwy E	130	20 S2	80 oct. (La) ver.
Delhi Flying Svc. (La)	0.5 N	95	23 S4	80 oct.P-line E.Data un-
(P) De Soto Parish	4.3 NW;	322	51h S2	80,91 oct. (Mansfld,La)
Dixie Dusting Co. (Greenville, Miss)	2 SE;RR,hwy N	118	16 S4	73 oct.No sto.
El Dorado (Ark)	1.5 S;RR W	265	24 S6	80 oct.
(P) [El Dorado-Goodwin]	8.6 W;hwy S	278	51h L5	(El Dorado, Ark)
Everett (Moorhead, Miss)	1 SE;RR N	127	37 S6	73 oct. No sto.
Ferriday (La)	1.5 N;RR,hwy E	55	17	
Gardner (Gilbert, La)	1 E;hwy S	75	16	PRIVATE
Grayson (Camden,Ark)	3.4 SW;RR S	135	26 S6	80,91 oct.
Greenville,mun. (Miss)	3.5 ESE;hwy N	118	40h S4	80 oct.
(A) Greenville AAF (Miss)(A)	6.5 NE;rd W	129	40h L5 S2	80,91 oct.P-line E,SE.
Hart (Many, La)	1.8 SSW;RR E	242	24	Trees SSW.
Hinds Co.(Jackson,Miss)	12.8 W; RR SE	244	40h	
Hodge (La)	0.5 ENE ;hwy W	300	24	Trees sur fld.
Hope (Ark)	5 NNW;RR E	359	55h L5 S6	80,91 oct.Use rnwys only
Hope Prescott (Prescott)	See Prescott Arpt under "New Facilities" - name changed			
Joseph H. Sharpe	1.8 ESE;RR S	135	26 S2	80 oct. S,W Bldg.Miss)
Lakeview (Leland,Miss)	1.7 SE;lake E	120	16 S2	80 oct. (Natchez,
L.B.Strange (Tutwiler)	0.7 SSE;hwy W,E	160	22 S6	80 oct.N blckd. (Miss)
Leland (Elizabeth,Miss)	1.5 NE	119	20 S1	80 oct.Pwrline NW.
Le Tourneau (Yokena, Miss)	2.5 NW;riv NW	80	30 L S1	91 oct.;Bndry lgts prior req.
Lucien (Shreveport, La)	8 S;RR E	170	32 S6	80,91 oct.
Magnolia (Ark)	1.6 WSW;RR E	225	30	10' bldg SSW.
McGehee (Ark)	0.6 NNW;RR E	145	30 S1	80 oct. Hwy E.
Minden (La)	1.5 W;RR S	200	26 S4	80 oct. Trees sur fld.
MONROE Range(Selma)(La)	359(UO)(116.1)	25°,2.8	SBMRAZ-DTV	(4);116.1,122.1
Monroe Arpk (La)	2.5 N;riv W	77	20 S1	80 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
(P) Natchitoches (La)	1.5 SSW;RR E	115	41h L5 S6	80 oct.; ltd 90 oct. Ctc lgts prior req. No bcn.
Ruston (La)	1.2 SE;RR N	317	16h L S6	80,91 oct.Lgts prior req.
(P) [Selman] (Monroe, La)	3 E;RR N	79	50h L5 S6	80, 91 oct.
SHREVEPORT Range (La)	230(ZH)(116.1)	146°,1.8	SBRAZ-DTV	(3);116.1,122.1
SHREVEPORT Tower (La)	278 (126.18, 118.7)		AC	(4); 126.18,122.5,118 7
(P) [Shreveport] (La)	2.5 NNE;riv E	179	45h L5 S6	73, 80 oct.
Shreveport Arpk (La)	4.5 SSW;bet RRs	200	47 S6	80,91 oct.P-line SE
Skinner (Glen Allan,Miss)	4 N;lake W	110	18 S1	73 oct.
★ Tallulah Int,36,FV-AG	2.4 ENE;hwy E	84	28 L3	(La)
TEXARKANA Range (Ark)	329(TR)(116.1)	123°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
[Texarkana] (Ark)	4 NE;RR W	389	40h L5 S6	80,91,100 oct.;100 oct.
Texarkana (Tex)	6 W;RR N	340	25 L S6	80,91 oct.Flare [Army pots in emerg.
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	24 S4	80 oct.
VICKSBURG H Fac.(Miss)	382(VS)(116.1)		MHTV	(4); 116.1,122.1
Vicksburg (Miss)	6.8 NE;hwy W	287	39 S4	80, 91 oct.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.
Woodside (Grace,Miss)	1.5 NNW	106	24 S1	80 oct.
Yazoo Mun. (Miss)	2 N;RR E	110	18 S4	80 oct.No sto.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BARKSDALE(A)	109.9	333.8	143°	IM- (0.01)	MM-·····(1.00)	OM- - -(4.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

EL DORADO Range(Ark)	109.1 (LD)		VARW	
JOAQUIN Range (Tex)	(108.7)(WE)		VARW	
Indianola (Miss)	3 NW	125	45h S6	80,91 oct.
Collier (Shaw,Miss)	0.7 SSW;hwy N	150	21 S1	80 oct.
Tate (Leland,Miss)	1.5 NNE;hwy W	119	13 S2	80 oct.Soft when wet.
Davis (Nitta Yuma,Miss)	0.5 SSE;RR W	115	19 S1	80 oct.P-line W.Rough.
Pertshire (Miss)	0.4 S;hwy E	155	26	P-line WSW,ENE,Private.
Gourdon (Ark.)	0.2 NW	250	22 S2	80 oct.NW blkd.Trees NE
Carpenter (Hamburg,Ark.)	0.7 NW;RR SE	150	21 S2	80 oct.Trees W.P-line
Griffin (Warren,Ark.)	2.3 ESE;riv E,S	200	28 S2	73 oct.Cattle on fld.[W,S,E
Monticello (Ark.)	2.2 E;hwy S	230	27 L S6	80 oct.N,E,S,W blkd.
Prescott (Ark)	3 SW;RR E	280	21 S1	80,91 oct. [Port lgts,
Roosevelt (Sondheimer,	2.1 NNW;RR E	85	13 S1	80 oct. (La)
Center, Tex	1.2 ESE;hwy N		20	P-line NNW.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

SHREVEPORT 113

USABLE WITH CAUTION

EXTREMELY HAZARDOUS

NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

COMPULSORY REPORTING POINT

LITTLE ROCK 89

MEMPHIS 371

ARKADELPHIA

TEXARKANA 329 116.1 MC

SHREVEPORT 230 116.1 MC

SHREVEPORT 278 KC. 118.7, 126.18 MC.

BARKSDALE AAF 396 KC. 126.18 MC.

BARKSDALE AAF 379

EL DORADO (VHF) W-109.1

JOAQUIN (VHF) W V-108.7

MONROE 359 116.1 MC

VICKSBURG 382 116.1 MC.

On request

HOUSTON 127

NEW ORLEANS 129

BIRMINGHAM 115

FORT WORTH 109

PRESCOTT

HOPE

TEXARKANA

GRAYSON

EL DORADO-GOODWIN

EL DORADO

MAGNOLIA

BAKER

ASHLEY CO.

ATLANTA

COTTON VALLEY

MINDEN

ARCADIA

RUSTON

BASTROP

MONROE

SELMAN

DELHI

ROOSEVELT

LAKE PROVIDENCE

YAZOO

SHREVEPORT ARPK.

LUCIEN

KARNACK

HODGE

DE SOTO PARISH

DAVID G. JOYCE

NATCHITOCHES

WINNSBORO

GARDNER

BURNSIDE AND McDONALD

CASTLE

TALLULAH

VICKSBURG

LONGVIEW

LE TOURNEAU

HINDS CO.

JACKSON 260

CHILDRESS

SKINNER

WOODSIDE

DAVIS

GREENVILLE AAF

DIXIE DUSTING COMPANY

CYPRESS

GREENVILLE MUN.

LAKEVIEW

LELAND

TATE

COLE

GREENWOOD 281

EVERETT

INDIANOLA

COLLIER

DOSSETT

CLEVELAND

JAMES-MARDEN

PERTHSHIRE

L.B. STRANGE

McGEHEE

FERRIDAY

NATCHEZ

JOSEPH H. SHARPE

ULMER

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: 8°E TO 6°E

STATUTE MILES 0 10 20 30 40 50

BIRMINGHAM

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Augustine (Jackson,Miss)	11.5 NE;rivSE	335	40 S4	80 oct.
Autaugaville (Selma,Ala)	20.5 W	100	73	
* Batesville Int,29,NO-LS	3 W;hwy SE	205	25 L3	Poles N,lgtd. (Miss)
BIRMINGHAM Range (Ala)	224(BH)(116.1)	178°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
BIRMINGHAM Tower (Ala)	278 (126.18, 118.3)		AC(ILS-W)	(4); 122.5,126.18,118.3
(A) [Birmingham, Ala]	5.5 NE;RR S	643	57h L5 S3	73-100 oct.Rdo rec
→ Bonita (Meridian,Miss)	2.5 ENE;hwy N			ABANDONED. rqrd.
(P) Carroll Cone(Tupelo,Miss	3 W;hwy S	338	37 S1	80 oct.
Central Park (Birmingham, Ala)	5.2 SW;RR E	500	29 S6	80 oct. No sto.
→ Columbiana (Ala)	1.5 WNW;RR S	514	23	Lgt acft only.
(A) Columbus AAF(Miss)(A)	10 N;RR E	215	45h	TMP INACT.NO FACS.
CRAIG Army Range (Ala)	272 (DPP)	320°,2.5	BMRLZ	(3); 126.18
CRAIG Tower (Ala)	219 (126.18)		CA	(3); 126.18
(A) Craig (Selma,Ala) (A)	4.8 SSE	166	53h L5 S6	91, 100 oct.
Cullman (Ala)	5 SSE;RR E	740	15 S2	73 oct.
Dallas (Selma, Ala)	2.2 SW;riv SSE	161	20 S1	80 oct. Trees NE.
[Dannelly](Montgomery, Ala.)	7.5 SW;RR E	219	40h S1	80, 91 oct.
(P) Demopolis (Ala)	7.8 WSW	198	50h	River NW.
E. Jackson (Jackson,Miss)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N.
(A) Elmore (Montgomery,Ala)	10 N;hwy N	203	45	CLOSED (A)
Eupora (Miss)	1 NE;hwy S	325	15 S2	80 oct. Hill NW.
Eutaw (Ala)	2 SE; hwy N	160	23	P-line W.
Forest,46,FV-AG (Miss)	1 W;RR S	512	28 L3 S1	80 oct.
Foster (Tuscaloosa,Ala)	5.5 S	236	32 S4	Ltd 73 oct.Pwr line E
(A) Furniss (Selma,Ala)(A)	10 SSW			ABANDONED
* Gainesville Int, 55, FV-AG (Ala)	2 S;hwy W	174	31 L2	
Gragg,27,PS-TM (Clanton, Ala)	2.2 NE;crk S	571	29 L3 S2	80,91 oct.Hill E.
Greenville,24,NO-AG(Ala)	5.5 WNW	561	26 L2 S4	80 oct. Hwy S.
GREENWOOD Range (Miss)	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4); 116.1
[Greenwood Mun.](Miss)	2.3 SW;RR SE	129	40h L5 S2	80,91 oct.P-line E,SE.
(A) Greenwood AAF (Miss)(A)	5.8 ESE;hwy N	162	50h	CLOSED.
Grenada (Miss)	3 N;RR S	207	50h L5 S2	80,91 oct.Ctc lgts on req
HAWKINS Tower (Miss)	278 (126.18, 118.7)		C(ILS)	(4); 126.18,118.7,122.5
(A,N) [Hawkins](Jackson,Miss)	3 NW;RR SW	343	54h L6 S6	80,91,100 oct.Tank,stack
(A) Henderson (Selma,Ala)(A)	29 SW;riv W			ABANDONED E.
Houston (Miss)	1.5 SW;hwy SE	342	28	Trees W,SE,N;bldg SE.
JACKSON Range (Miss) (Hawkins)	260(JA)(116.1)	173°,2.4	SBRAZ-DTV	(3); 116.1, 122.1
(NG) [Key] (Meridian,Miss)	3.5 SW;RR E	297	50h L5 S4	80,91 oct;100 oct NG.Ctc
Lauderdale Civil (Meridian, Miss.)	9 NNE;hwy E	310	32h	lgts prior req.
→ Lee (Canton, Miss)	1.4 WNW;RR E	300	29 S2	Trees sur fld.
Louisville Air Svc.(Miss)	3.9 S;RR W	500	16 S1	80 oct. P-line S.
→ Masonic (Columbus,Miss)	2.5 NE;hwy S	200	28 S2	80 oct.N,E blkd.P-line W
MAXWELL Army Range (Ala)	362 (DXW)	86°,2.0	SBRAZ	(4)
MAXWELL Tower (Ala)	396 (126.18)+		CA→:49.09	(4); 126.18
(A) Maxwell (Montgomery, Ala) (A)	3 WNW	167	70h L5 S6	73, 91, 100 oct. No sto. JP-1.
MERIDIAN Range (Miss)(Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Mollette (Selma,Ala)(A)	16.2 SSW			ABANDONED
North Jackson Arpk. (Jackson, Miss)	7.5 NE;hwy E	300	25 S4	80 oct. No sto.Trees S
O'Keefe (Newton,Miss)	1.5 ESE;RR N	363	23 S4	Trees NE,SE,NW 80 oct. Soft when wet.
Oktibbeha (Starkv'l,Miss)	7.5 ENE;hwy E	326	30 S6	73 oct.
(P) Oxford (Miss)	8 S;riv N,W	400	30 S2	73 oct.
Philadelphia Arpk (Miss)	2 SE;hwy S,W	500	24 S6	80 oct.P-line W. No sto.
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	(Miss)
Roberts (Birmingham,Ala)	3 W;RR N	610	39	
Selma-Selfield (Selma,Ala)	4 ENE;RR S	130	40h	
(A) Starkville (Miss) (A)	2 SW	325	50h	CLOSED
Stinson (Aberdeen,Miss)	3 NW;hwy NE	239	30 S1	80 oct.
TUSCALOOSA H Fac.(Ala)	206(TU)(116.1)		MHTV	(4); 116.1
→ Van de Graaff,59,FV-AG (Ala)	3 NW;RR N	172	52 L3 S6	80,91 oct.
Walker Co. (Jasper,Ala)	2.5 NNE;RR W	527	31 S2	80 oct.
Winona (Miss)	1.3 SSE;RR W	370	29 S4	73,91 oct. Lgt acft only Rnwy data unver.
* Zeiglerville Int,19,NO-LS (Miss)	3 SW;riv N	248	26 L2	Twr SE Trees E,S,SE.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIRMINGHAM				IM-	MM-	OM-
					MMK 356 ···· (0.72)	OMK 375 — ··· (5.4)
HAWKINS	109.9	333.8	108°	IM-	MM- •—•— (0.70)	OM- — — (4.43)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

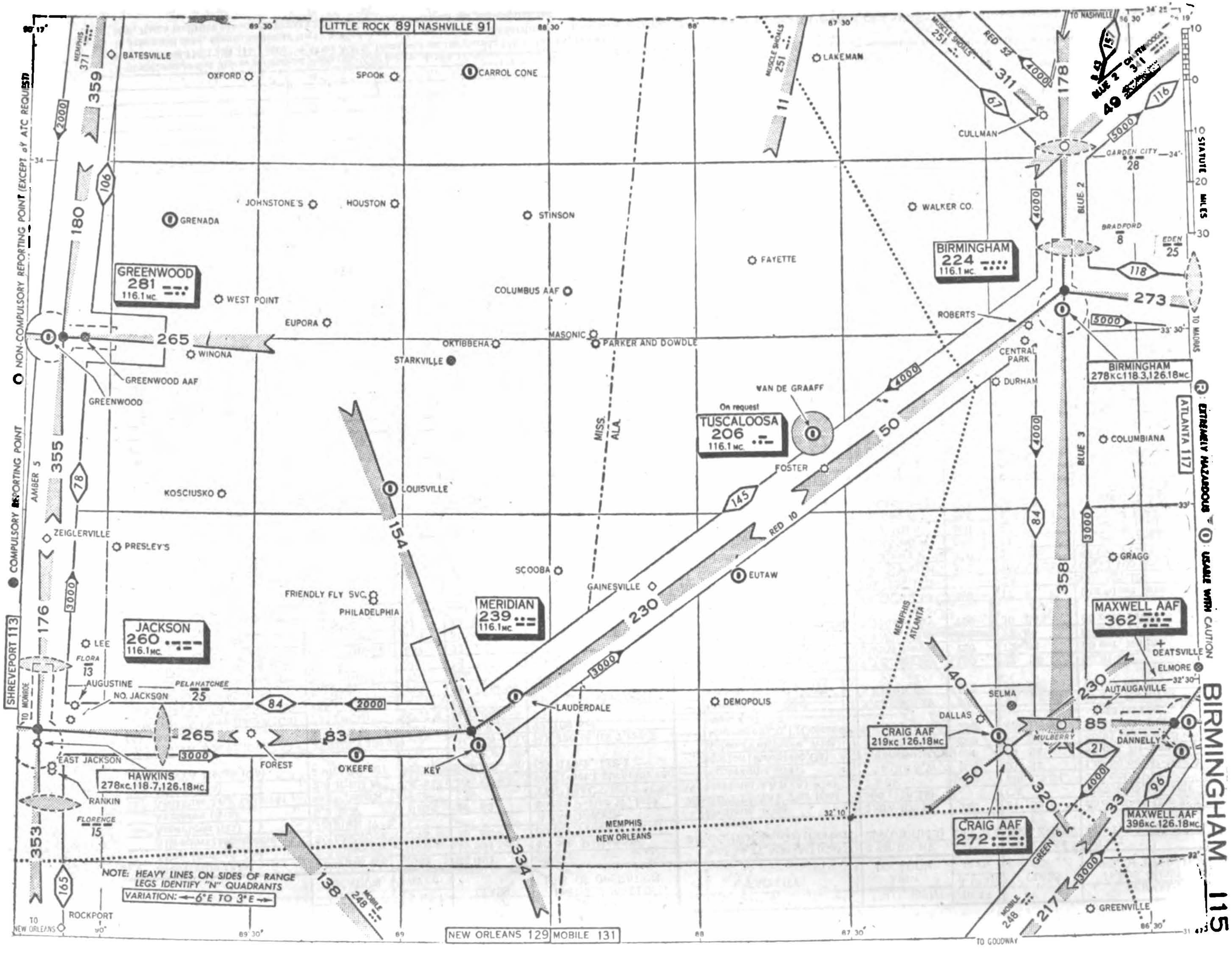
Friendly Flying Service (Philadelphia,Miss.)	0.7 SE	500	22 S4	80 oct.All appchs blocked.
Deatsville (Prattsville,Ala)	9.5 NNW;hwy W	524	40	Emerg only. S,SE blckd.
Durham (Bessemer,Ala)	2.5 SW,RR SE	500	23 L S6	80 oct.Rng lgts prior req.
West Point (Miss)	1 NE;RR W	250	19	Landing area rough.
→ Rankin (Jackson,Miss)	4 SSE;hwy W	250	30 S6	80 oct.
Presley's (Pickens,Miss)	1 NNE;RR E	230	23 S6	80 oct.Poles sur fld.
Arkansas City (Ark)	0.8 WSW	125	19 S1	80,91 oct.P-lines blk ends.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

÷ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


LITTLE ROCK 89 | NASHVILLE 91
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
AMBER 5
SHREVEPORT 113
BATESVILLE
OXFORD
SPOOK
CARROL CONE
LAKEMAN
CULLMAN
GRENADA
JOHNSTONE'S
HOUSTON
STINSON
WALKER CO.
GREENWOOD 281 116.1 MC
WEST POINT
COLUMBUS AAF
FAYETTE
BIRMINGHAM 224 116.1 MC
EUPORA
WINONA
OKTIBBEHA
MASONIC
PARKER AND DOWDLE
ROBERTS
CENTRAL PARK
STARKVILLE
GREENWOOD AAF
GREENWOOD
VAN DE GRAAFF
On request
TUSCALOOSA 206 116.1 MC
DURHAM
BIRMINGHAM 278KC 118.3, 126.18 MC
ATLANTA 117
FOSTER
COLUMBIANA
KOSCIUSKO
LOUISVILLE
ZEIGLERVILLE
PRESLEY'S
SCOOBA
GAINESVILLE
EUTAW
GRAGG
FRIENDLY FLY SVC.
PHILADELPHIA
MERIDIAN 239 116.1 MC
MAXWELL AAF 362
DEATSVILLE
ELMORE
JACKSON 260 116.1 MC
LEE
FLORA
AUGUSTINE
NO. JACKSON
PELAHATCHEE
LAUDERDALE
DEMOPOLIS
AUTAUGAVILLE
SELMA
DALLAS
CRAIG AAF 219KC 126.18 MC
MULBERRY
DANNELLY
EAST JACKSON
FOREST
O'KEEFE
KEY
HAWKINS 278KC 118.7, 126.18 MC.
RANKIN
CRAIG AAF 272
MAXWELL AAF 396KC 126.18 MC.
MEMPHIS NEW ORLEANS
MEMPHIS ATLANTA
GREEN 6
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 6°E TO 3°E
ROCKPORT
TO NEW ORLEANS
TO GOODWAY
GREENVILLE
NEW ORLEANS 129 | MOBILE 131
TO NASHVILLE
TO MACON
STATUTE MILES
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
BIRMINGHAM 115

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albertville (Ala)	1 NW;RR NE	1063	15 S1	80 oct.
Allen (Buford, Ga)	1.5 S;hwy SW	1070	15 S1	80 oct. P-line SW.
Allenport (Montgomery)	4.3 SSE;RR 2 W	175	30 S6	80 oct. Trees N. (Ala)
➝ Americus (Ga)	1.5 S;RR W			ABANDONED
Anniston (Ala)	5.5 SSW	610	24 S3	80 oct. P-line W, lgtd.
(A) Anniston AAF (Ala)(A)	15 SW;hwy N	527	53h	TMP INACT. NO FACS.
Athens (Ga)	3.5 E;RR N	807	40h L3 S6	80,91 oct. Lgts prior req
ATLANTA Range (Ga)	266(AG)(vhf)	331°,1.9	SBRAZ-DTXV	(3); 116.1, 122.1
ATLANTA Tower (Ga)	278(118.7,126.18)		AC(ILS-W)	(4); 126.18,118.7,122.5
(A) [Atlanta] (Ga)	8 S; RR N	1005	48h L6 S6	73-100 oct.
ATLANTA Navy Range (Ga)	323 (NCQ)	86°,3.2	MRLWZ	
ATLANTA NAS Tower (Ga)	356 (142.74)		CN	3105,4495,3117.5;142.7
(N) Atlanta NAS (Ga) (N)	8.5 NNE	1002	39h (L6) S6	100 oct. Hwy SE.
(P) Auburn-Opelika (Auburn)	2.8 E;RR N	770	40h L5 S6	80 oct. (Ala)
Bentley (Calhoun Falls,S.C)	3 ENE	500	16	RR NNW.
* Butler Int,14,TJ-AG (Ga)	0.5 NW;RR S	667	32 L3	Poles S.
Cedartown (Ga)	1.2 W;hwy SE	800	30 S4	80 oct. SE blkd.
Centre (Ala)	0.6 NNW	720	22 S4	80 oct. SSE appch blckd.
➝ City-Co. (Carrollton,Ga)	See Carrollton Airport under "New Facilities" -name changed			
Clevenger's Arpk. (Marietta, Ga)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No sto.
Cobb (Marietta, Ga)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct. No sto. Trees
(A) Cochran (Macon,Ga)(A)	10 S;RR E	354	50h	TMP INACT. NO FACS. NW.
Cochran 50,MM-AG (Ga)	5 NE;rd N	324	30 L2 S6	80 oct. Poles NW,NE,S, SE. (Ga)
➝ Columbus (Ga)	1.5 SSE;riv SW	240	45 S6	80,91 oct.
(P) Cordele (Ga)	1.6 NNE;RR W	305	52h L3 S1	80 oct.
➝ Crawford W. Long (Jefferson, Ga)	2.5 S;RR E	950	27 L1 S6	80 oct. P-line ESE. Fld lgts on req
(N,P) Dublin (Ga)	4.5 WNW;hwy S	303	50h L2 S6	80 oct. NATS (Hospital)
➝ Elberton (Ga)	2 SE;hwy W,N	800	19 S1	80 oct. Obst sur fld.
Felton (Cartersville,Ga)	2.5 N	790	23	Hills S,W,N;wires E,W
Flying "S" Ranch (Villa Rica, Ga)	1.7 NE	1040	17 S4	80 oct. No sto. Rocks NE Data unver.
Gadsden (Ala)	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Gainesville (Ga)	1.5 S;RR E,NW	1277	40h (L5) S6	80,91 oct. Lgts on req.
Griffin (Ga)	1.5 S;hwy E	936	30 L3 S6	80 oct. Twr E.
GUNTER Tower (Ala)	201(126.18)		CA	(3) (Oper. on a variable schedule)
(A) Gunter (Montgomery,Ala)	5 NE	225	35h	(A)
[Herbert Smart] (Macon,Ga)	4 ESE;hwy W	463	47h L5 S6	80, 91 oct.
Hurtsboro (Ala)	2.5 SE;RR SW	349	23 S1	78 oct.
Jackson Int,57,MM-AG(Ga)	4.6 SW;rd S	716	30 L3	Barn E;bldg W.
➝ JONESBORO K Fac. (Ga)				DECOMMISSIONED.
↘ Kings (Milledgeville, Ga)	See Milledgeville under "New Facilities" - name changed.			
(P) La Grange (Ga)	See Calloway Arpt under "New Facilities" -name changed			
Lakewood (Atlanta,Ga)	4 S;lake SE	1026	16 S4	80 oct.
LAWSON Army Range (Ga)	379 (DVL)	21°,3.3	BMRLZ	(3)
LAWSON Tower (Ga)	278 (126.18)+		CA	(3); 126.18
(A) Lawson (Columbus,Ga)(A)	9.5 S;riv W	232	59h L5 S6	91,100 oct. No sto.
NEW FACILITIES				
(P) Calloway(LaGrange,Ga)	3 SW;RR ESE	700	50h L2 S6	80 oct.
↘ ➝ Turner #1(Albany,Ga)(A)	15 NE	285	45	CLOSED.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
McRae,47,MM-AG (Ga)	2 SE;RR NE	247	26 L3 S6	80 oct.
MACON Range (Ga) (Herbert Smart)	209(UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1,122.1
Madison (Ga)	2 SSW;RR E	720	27 S2	80 oct. Pwr line SSE.
MARIETTA AAF Twr (Ga)	396 (126.18)		CA	3105,4495;126.18(8-20)
(A) Marietta AAF (A) (Ga)	2.5 SE	1030	60h L5 S4	100 oct. JP-1.
➝ Montezuma (Ga)	1.5 E;RR S,W	300	35 S1	Ltd 80 oct. P-line S
Morton (Palmetto,Ga)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line SE
Moton (Tuskegee, Ala)	3 N;RR,riv E	269	40 S6	80,91 oct. Twr S end.
➝ [Muscogee Co.] (Columbus, Ga)	5.6 NE;RR E	386	40h L5 S6	80,91 oct. Fld lgts on req.
➝ Newnan Arpk (Ga)	3.7 SE;RR W	970	23 L1 S2	80 oct. Hwy W,N
Norman Bridge (Montgomery, Ala)	5.8 S;RR E	172	20 S4	73 oct. No sto
Parkaire (Marietta, Ga)	7.7 E;hwy SW	1100	22 S6	80,91 oct.
Polo Arfld (Athens, Ga)	2 WSW;hwy N	720	12 S4	80 oct. No sto.
➝ Red Dog (Cochran, Ga)	6.2 NW;RR S	300	23 S6	80 oct. Trees N,E
Reginald Grant Memorial (Thomaston, Ga)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S. Trees
Ries (Macon, Ga)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg. NE
ROBINS Tower (Ga)	284 (126.18)+		CA	(3); 126.18
(A) Robins (Warner-Robins)	1.5 NE Wellst'n	295	70h L5 S6	62,73,100 oct. JP-1.(A)
Roosevelt (Warm Spgs,Ga)	3.5 N;hwy W	870	22 S2	80 oct. Trees SE,SW,NW
➝ Rockmart (Ga)	2 ENE;RR W	900	24 S6	80 oct. Trees N.
➝ Rome (Ga)	3 NW;RR S	669	26 S6	80 oct. E blkd.
(N) Russell (Rome, Ga)	7 N;hwy N	644	45h L5 S6	80,91 oct. Lgts prior req.
* Siloam Int, 7B, AG-CS (Ga)	1.3 S;rd W	654	39 L3	82' mast SE Data unver corner N/S strip.
Souther (Americus,Ga)	4 NE;RR W	470	66 S6	80 oct.
➝ Talladega (Ala)	2.6 NE;hwy E	590	18 S4	P-line E, hill W. No sto
* Tallapoosa Int,73,FV-AG	5.5 SSE	1210	21 L3	(Ga)
Thomas C. Russell (Alexander City, Ala)	1.5 SW;hwy E	711	31 S5	80 oct.
(A) Troy (Ala) (A)	4.8 NNW;rd E	393	50h	CLOSED.
(A) Tuskegee AAF (Ala)(A)	7.3 NW;RR S	253	50h	CLOSED.
➝ Tuskegee Institute #1 (Ala)	4 SSE;hwy W			ABANDONED.
(A) Vidalia-Lyons (Vidalia,Ga)	3.2 SE;hwy N	274	50h	TMP INACT. NO FACS.
Wages (Lawrenceville,Ga)	1.8 N;hwy E	1075	12 S2	80 oct. E blckd. (A)
➝ Washington (Ga)	See McGill Field under "New Facilities" -name changed			
Weedon (Eufaula,Ala)	4.3 NNE;hwy E	275	28 S2	80 oct.
➝ Winder,4,AG-LG (Ga)	1.5 NE;bet rds	950	30 L3 S6	80,91 oct. NE,SE blkd.
Woodbury (Ga)	1.5 E	770	16 S1	Fuel, Data unver

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ATLANTA	109.9	333.8	329°	IM-	MM- ·--·(0.70)	OM- ––(4.40)
					MMK-201 ·--·	OMK-219 ····

NEW FACILITIES				
Milledgeville ,(Ga.)	1.5 NW;RR W	360	23 S4	80 oct. No sto.
Abbeville (Ga)	0.8 S;hwy E	260	16	P-line W
Griel Aux (Tallassee,Ala)	4 S;riv NE	200	35	P-line W. Trees NE
Perry (Ga)	1.5 NNW;hwy W	340	11 S2	80 oct. Lgt acft only.
Peterson (Vidalia,Ga)	5 SSW;RR E	300	19	PRIVATE
Thompson (Swainsboro,Ga)	1 W;hwy E	300	32	
Washington Co. (Sandersville,Ga)	1 E;RR W	460	26 S1	80 oct.
Zellner's (Forsyth,Ga)	1.5 NNW;hwy W	705	18 S1	80 oct.
Camp Sibert(Gadsden,Ala.)	4 SW	560	48h	
➝ Carrollton (Ga)	3.3 NE;hwy SE	1200	18 S1	80 oct.
➝ McGill (Washington,Ga)	1.4 NW;RR SE	600	22 S1	80 oct. Cat'l on fld. Hwy S

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105. 4495. 6210. 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. A.A.C.S.: Scheduled broadcast on 4765 kcs (first figure is scheduled time, second alternate time) h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII) ➝ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop.
N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

O NON-COMPULSORY REPORTING POINT (EXCEPT BY ARC ROUTE)

● COMPULSORY REPORTING POINT

NASHVILLE 91 | KNOXVILLE 93 | BIRMINGHAM 115 | CHARLESTON 119

VARIATION: → 3°E TO 1°E →

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

NAS, ATLANTA (W) 323

NAS. ATLANTA 356 KC 142.74 MC

MARIETTA AAF 396 KC 126.18 MC

ATLANTA 278 KC 118.7 126.18 MC

ATLANTA 266 111.1, 116.1 MC

AUGUSTA 385

MACON 209 116.1 MC.

LAWSON AAF 278 KC 126.18 MC

LAWSON AAF 379

GUNTER AAF 201 KC 126.18 MC

ROBINS AAF 284 KC 126.18 MC

MAXWELL AAF 362

BIRMINGHAM 224

SMYRNA 22

EAST POINT 7

STONE MOUNTAIN 17

JONESBORO 11

MADRAS 23

EDEN 25

ALBANY 254

TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO [illegible] M.S.L.

FT PAYNE, BLUE 2, ALBERTVILLE, CENTRE, GADSDEN, CAMP SIBERT, GOODYEAR, RUSSELL, ROME, FELTON, CHATTANOOGA, CLEVENGER'S, GAINESVILLE, WINDER, ALLEN, SPARTANBURG 248, GREEN 6, CRAWFORD W. LONG, ELBERTON, BENTLEY, ROCKMART, CEDARTOWN, PARKAIRE, WAGES, POLO, ATHENS, S CAR, GA, COBB, BOLD SPRING, RED 10, MC GILL, FLYING "S" RANCH, TALLAPOOSA, LAKEWOOD, CONYERS, MADISON, SILOAM, ANNISTON AAF, ANNISTON, CARROLLTON, MORTON, BIRMINGHAM, TALLADEGA, NEWNAN, GRIFFIN, JACKSON, MILLEDGEVILLE, SYLACAUGA, ZELLNER, CALLOWAY, WOODBURY, WASHINGTON CO, THOMAS C. RUSSELL, ROOSEVELT, REGINALD GRANT MEM., HERBERT SMART, RIES, COCHRAN AAF, THOMPSON, AUBURN-OPELIKA, MUSCOGEE CO, BUTLER, DUBLIN, TUSKEGEE AAF, GRIEL, MOTON, COLUMBUS, PERRY, RED DOG, COCHRAN, ALLENPORT, NORMAN BRIDGE, HURTSBORO, MONTEZUMA, SOUTHER, VIDALIA-LYONS, PETERSON, McRAE, WEEDON, CORDELE, ABBEVILLE, ATLANTA, JACKSONVILLE, ALMA

STATUTE MILES 10 20 30 40 50

ATLANTA 117

CHARLESTON

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Aiken (old) (S.C.)	2 E;RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken AAF (S.C.) (A)	6 NNE;RR SW	530	51h	CLOSED
AUGUSTA Range (Ga)(Daniel)	385(VD)(116.1)	46°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Barnwell (S.C.)	1 WNW;hwy E	235	50h	
(P) Beaufort (S.C.)	4 NW	38	60h S4	80 oct.
→ Birdsville (Millen, Ga)	9.4 WNW;riv S	200	22	Emerg only.
(P) [Bluethenthal](Wilmington, N.C.)	2.8 NNE;hwy W	30	70h L5 S4	80,91 oct. No flood
Bush (Augusta, Ga)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville, Ga) (A)	3 NE;hwy SW	46	50h	TMP INACT. NO FACS.
Carlisle (Bamberg,S.C.)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Beach (N.C.)	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
→ Carolina Skyways (Charleston, S.C.)	6 SSW;riv W	10	29 S6	80 oct. ENE,E,WSW, NW blkd.
CHARLESTON Range (S.C.)	329(CS)(116.1)	110°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower (S.C.)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18,118.3,122.5
(A,N) [Charleston Mun.] (S.C.)	9.8 NW;RR NE	45	70h L6 S4	100 oct. Use rnwys only. NATS (Hospital)
(N) Charleston (S.C.) (N)	4 N;riv E	13	17h	INACTIVE.
(NG) Chatham AAF (Savannah, Ga) (NG)	7.5 NW;RR E	50	70h L5	100 oct,1-ech ltd 2-ech maint NG.
Clark (Charleston, S.C.)	4 S;riv SW	6	21 S1	80 oct. Trees sur fld.
COLUMBIA Range (S.C.) (Lexington Co).	227(CI)(116.1)	268°,7.3	SBRAZ-DTV	(4); 116.1,122.1.
(NG) Congaree (Columbia,S.C.)	15.5 ESE;RR S	237	45h	NAVY INACTIVE.
(A) Coronaco AAF (Greenw'd)	3.8 N;RR E	629	50h	(S.C.)(A) fld.
→ Conway (S.C.)	2.1 N;RR W	20	24 S1	80oct.Trees,p-line sur
DANIEL Tower (Ga)	278 (126.18, 118.9)		C	(4);126.18,122.5,118.9
[Daniel](Augusta,Ga)	2.5 W;RR S	420	42h L5 S4	80,91 oct. Use rnwys only
Donald (St.Matthews,S.C.)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct. Trees SE.
Duke (Chadbourn, S.C.)	1 N;RR SW	96	20 S4	80 oct.
* Elloree Int,25,AG-CS(S.C.)	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill (S.C.)	2.5 SSW;RR E	135	25	
FLORENCE Range (S.C.)	320(FL)(116.1)	292°,1.7	SBMRLZ-DTV	(4); 116.1,122.1
Florence (S.C.)	3.5 E;RR SW	146	60h L5 S1	80, 91 oct.
Georgetown (S.C.)	1 NW;riv E	12	29 S6	80, 91 oct.
(P) Georgetown Co. (S.C.)	4 S;bay E	37	50h	
Glenville (Ga)	2 SW;hwys N,E	175	32 S1	80 oct.
Greenwood (S.C.)	2.6 W;RR E	650	24 S6	73 oct.
Hartsville (S.C.)	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg,	5 S;RR E	195	47 S6	80,91 oct. Tank N
→ Hinesville (Ga) S.C.)	3 S; RR E,S	55	24 S4	80 oct. No sto. Rdo re-
Huggins (Timmonsv'l,S.C.)	1.5 ENE;hwy NW	149	18 S4	80 oct. Pwr line pairs NNW
HUNTER Tower (Ga)	278 (126.18, 118.7)		AC	(4); 122.5,126.18, 118.7
[Hunter](Savannah,Ga)	3.5 SW;RRyd NW	40	50h L5 S6	80,91,100 oct. 144' twr, lgtd
Jennings (Orangeburg,S.C.)	2.3 S;RR E	190	25 S2	80,91 oct. P-line ENE
(A) John's Isl.(Charleston,S.C.)	7 SSW;rd W	16	50h	CLOSED. (A)
→ * Lane Int,24,JX-RW (S.C.)	3 S; RR W	72	34 L3	P-line E,ESE,W
LEXINGTON CO. Twr.(S.C.)	396		C	(4);(8-24)(See Notice to Airmen Section)
(P) [Lexington Co.](Columbia)	7 SW;RR SE	233	56h L5 S1	(S.C.)80,91 oct.
(P) Lindsey (Swainsboro,Ga)	2.3 S;RR W	300	30	Pole line E. Emerg only.
Manning (Allendale,S.C.)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning (S.C.)	1.5 SE	125	20 S1	Ltd 80 oct. RR NNE
MYRTLE BEACH Army Rng	379 (DMB)	69°,4.4	BMRLZ	(S.C.)
MYRTLE BEACH AAF Tower	272 (126.18)		CA	(3); 126.18 (S.C.)
(A) Myrtle Beach AAF (S.C.) (A)	3 WSW;hwy SE	24	50h L5 S6	73,91,100 oct. No sto.
(A) North (S.C.) (A)	1.5 SE;hwy N	320	50h	TMP INACT. NO FACS
North Augusta (S.C.)	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee,S.C.)	3.5 SE;hwy SE	33	60h	
Owens (Columbia,S.C.)	2.5 SE;RR SW	192	36h L4 S6	80,91 oct. Tank WSW;
(N) Parris Isl.MCAS (S.C.)(N)	1.5 S	11	60h	INACTIVE. twr SSE
→ Peiffer (Wilmington,N.C.)	6 ESE;hwy N	10	18 S6	80 oct. N,NNE blkd.
Ridgeland (S.C.)	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SAVANNAH Rng (Ga)(Hunter)	263(SH)(116.1)	51°,2.2	SBMRLZ-DTV	(3); 116.1, 122.1
Savannah-Wilmington (Savannah, Ga)	8 ESE;hwy N	10	28 S6	80 oct. Trees NE,SW
SHAW Tower (S.C.)	272 (126.18)		CA	(3); 126.18
(A) Shaw (Sumter, S.C.)(A)	7 WNW;RR W	236	45h L5 S6	73,91,100 oct. JP-1.
(A) Statesboro AAF (Ga)(A)	3.8 NE;hwy W	180	54h	CLOSED.
(P) Sumter (S.C.)	1.5 NW;RR S	169	30 S6	80,91 oct. Data unver.
(A) Sylvania AAF (Ga)(A)	7.5 SSW;hwy E	175	50h	CLOSED.
Trenton (S.C.)	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston,S.C.)	5.5 W;RRs N	12	29 S6	80 oct. Poles sur fld.
(P) Walterboro (S.C.)	1.3 NE;hwy SE	93	58h S2	80 oct.
W. Savannah (Savannah,Ga)	3 W;RR W,N	42	23 S6	80 oct. P-line NW.
Whiteville (N.C.)	3.7 S;RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpk. (N.C.)	3 SE;hwy N	20	27 S4	80 oct. N & E blocked.
(P) Woodward (Camden,S.C.)	2.9 NE;hwy E	300	30h S4	80 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON	110.3	335	147°	IM-	MM- •—•—(0.64)	OM- ——(4.18)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

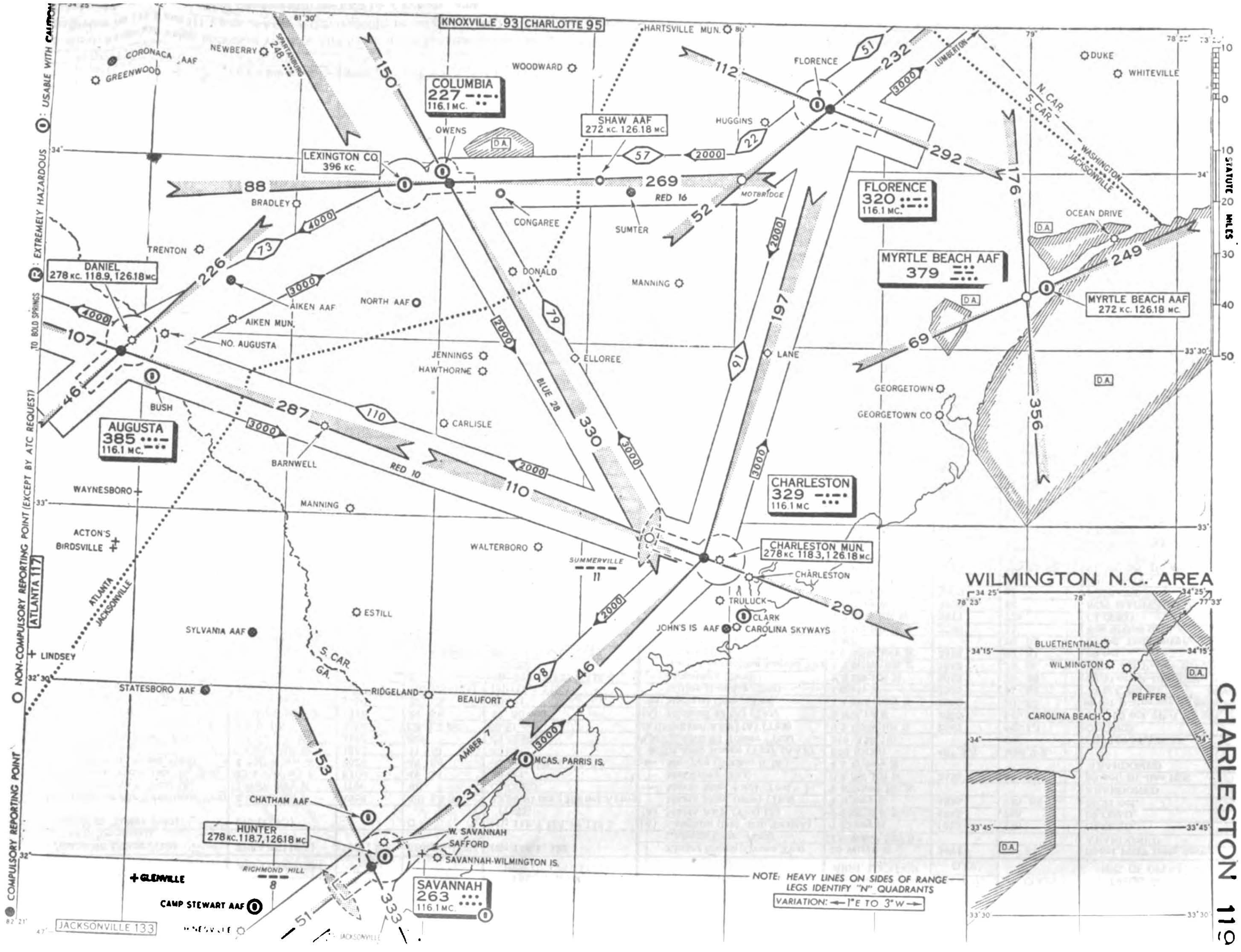
NEW FACILITIES

Actons (Millen,Ga)	10 NW	200	46	PRIVATE,Hazardous.
→ Brown (Lake City,S.C)	1.7 SSW;hwy E	75	23	Poles SSE, emerg only
Bradley (Batesburg,S.C.)	3.2 SE;hwy W	210	22 S2	80 oct. P-line W,trees
→ Gamble (Kingtree,S.C)	1.8 E;hwy N	52	21 S2	80 oct. S,W blkd S,SE
Saffold (Savannah,Ga)	4 E;hwy S	10	32 S4	80 oct.
Waynesboro (Ga)	3.5 SSE;hwy E	295	36 S4	80 oct. W,NE.
Newberry (S.C.)	2.3 NNW;RR NE	565	22 S2	80 oct. P-line E;trees

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


KNOXVILLE 93 CHARLOTTE 95
CORONACA AAF
GREENWOOD
NEWBERRY
SPARTANBURG 248
COLUMBIA 227 116.1 MC.
WOODWARD
HARTSVILLE MUN.
FLORENCE
LUMBERTON
DUKE
WHITEVILLE
N. CAR.
S. CAR.
WASHINGTON JACKSONVILLE
SHAW AAF 272 KC. 126.18 MC.
HUGGINS
OWENS
LEXINGTON CO. 396 KC.
BRADLEY
CONGAREE
SUMTER
RED 16
MOTBRIDGE
FLORENCE 320 116.1 MC.
OCEAN DRIVE
TRENTON
DANIEL 278 KC. 118.9, 126.18 MC.
DONALD
MANNING
MYRTLE BEACH AAF 379
MYRTLE BEACH AAF 272 KC. 126.18 MC.
AIKEN AAF
NORTH AAF
AIKEN MUN.
NO. AUGUSTA
JENNINGS
HAWTHORNE
ELLOREE
LANE
BLUE 28
BUSH
AUGUSTA 385 116.1 MC.
CARLISLE
GEORGETOWN
GEORGETOWN CO
BARNWELL
RED 10
WAYNESBORO
MANNING
CHARLESTON 329 116.1 MC
CHARLESTON MUN. 278 KC 118.3, 126.18 MC
WALTERBORO
SUMMERVILLE
CHARLESTON
TRULUCK
CLARK
JOHN'S IS AAF
CAROLINA SKYWAYS
ACTON'S
BIRDSVILLE
ATLANTA 117
ATLANTA JACKSONVILLE
ESTILL
SYLVANIA AAF
LINDSEY
S. CAR.
GA.
STATESBORO AAF
RIDGELAND
BEAUFORT
AMBER 7
MCAS. PARRIS IS.
CHATHAM AAF
HUNTER 278 KC. 118.7, 126.18 MC.
W. SAVANNAH
SAFFORD
SAVANNAH-WILMINGTON IS.
RICHMOND HILL
GLENNVILLE
CAMP STEWART AAF
SAVANNAH 263 116.1 MC.
JACKSONVILLE 133
WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
PEIFFER
CAROLINA BEACH
D.A.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 1°E TO 3°W
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
TO BOLD SPRINGS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
CHARLESTON 119

BIG SPRING

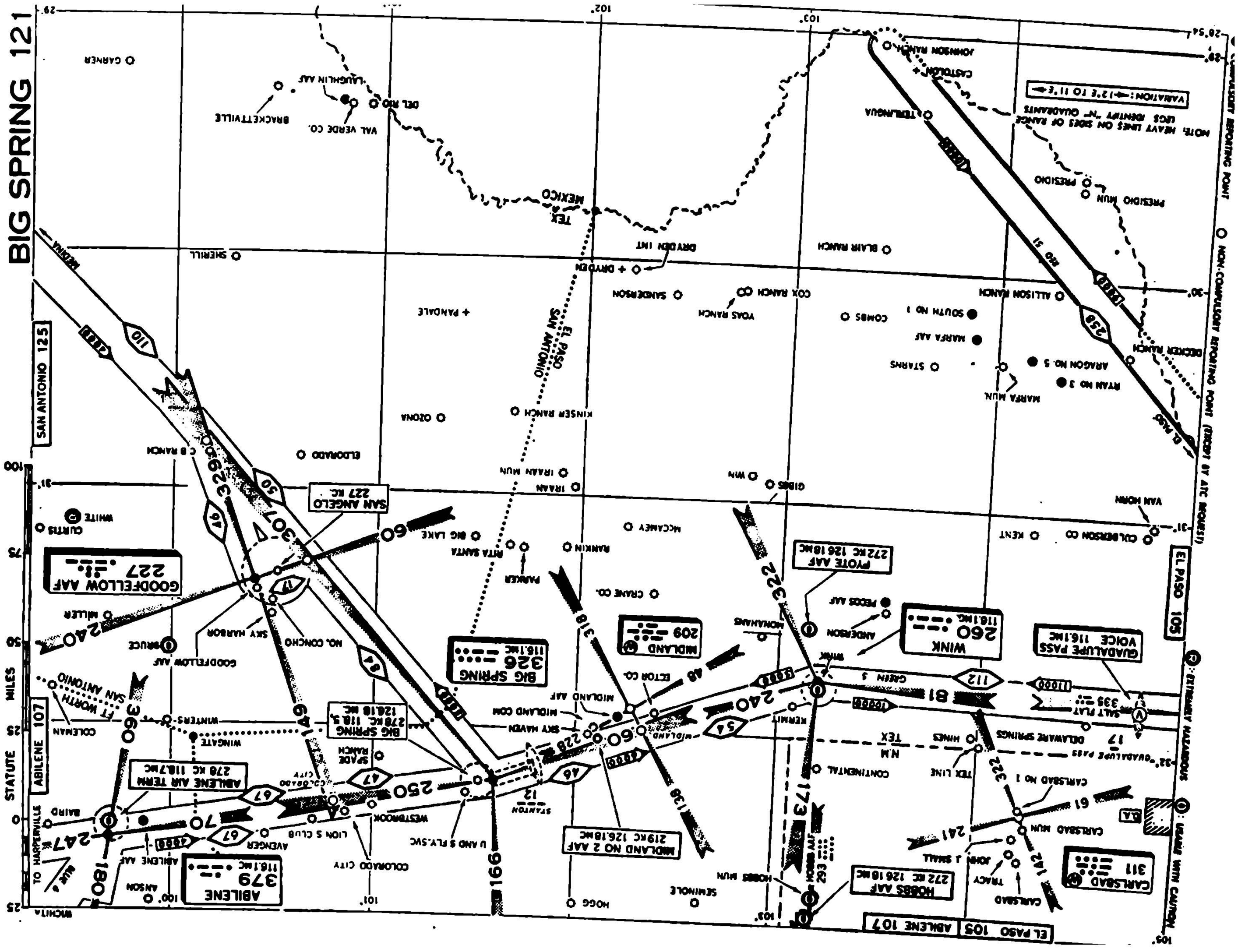
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ABILENE Range (Tex) (Air Terminal)	379(AP)(116.1)	180°, 2.2	SBRAZ-DTV	(3); 116.1, 122.1
ABILENE Tower (Tex)	278 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
(P) [Abilene Air Terminal](Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.; 100 oct.Army
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1791	51h	CLOSED.
Allison Ranch (Marfa, Tex)	23.4 SW;hwy E	5100	49 S1	73 oct.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct. Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED.
(P) Avenger (Sweetwater,Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;hwy S	2950	37 S1	80 oct.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-VDT	(3);116.1,122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18,122.5,118.5 (7-23)
(N)(P) [Big Spring] (Tex)	3.3 WSW;RR N	2595	62h L5 S6	80,91,100 oct. NATS.
Blair Ranch (Marathon, Tex)	23.5 SSW;hwy E	4180	24	PRIVATE.
Brackettville (Tex)	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Bruce (Ballinger, Tex)	4.5 SSW;hwy NW	1731	23h S6	80 oct.Usable strip 7460'.
CARLSBAD Range (Mun)(N.M.)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad Mun] (N.M.)	6.1 SSW	3276	65h L5	Hwy E. Rnwy lgts on req.
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Castolon (Tex)	0.8 NNW;riv SW	2300	16	High butte 0.5 mi E
C-B Ranch (Fort McKavett, Tex)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80, 91 oct. Use rnwys only
Combs (Marathon, Tex)	0.8 SE;RR N	4100	36 S2	80 oct.
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Cox Ranch (Longfellow,Tex)	8.2 SW;RR S	3700	48	PRIVATE.
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
(P) Culberson Co.(Van Horn,Tex)	3.5 ENE;RR S	3955	60h	
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Decker Ranch (Candelaria, Tex)	11.5 N	3650	29	PRIVATE.
** Delaware Springs Int, 11, EO-FV (Tex)	16.8 E Pine Springs	3955	40 L3 S1	91 oct. P-line SSE.
Del Rio (Tex)	1.5 WSW;hwy E	1025	30 S4	80 oct. No sto.Poles N.
Dryden Airdrome (Tex)	1 W	2159	18	
** Dryden Int,29,EO-JI (Tex)	5.7 W;hwy N	2300	45h L3	
➔ Dyche (Ft. Stockton,Tex)	9 SW;RR E			ABANDONED
➔ Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S6	80,91 oct.
➔ Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct. Poles E.Cattle on fld.
(A) Fort Clark (Brackettville)(A)	1.5 SW;rd E			ABANDONED
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'
GOODFELLOW Army Range	227 (DIP)	329°,2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo,Tex)	3 SE;rds N,W	1877	55h L5 S6	73,91,100 oct. JP-1. (A)
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126 18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
Hobbs Mun. (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE. Use strips only.
John J. Small (Carlsbad, N.M.)	3.5 SSE;RR NE	3150	27 S1	73 oct.
Johnson Ranch (Castolon,Tex)	10.7 SE;riv SW	2092	37	
Kent (Tex)	0.6 WNW;RR S	4260	21	P-line NE,SW. PRIVATE.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona,Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
(A) Laughlin (Del Rio,Tex)(A)	7 E;hwy N	1070	67h	CLOSED.
(A) Marfa AAF (Tex) (A)	9 ESE;R R N	4885	75h	CLOSED.
Marfa Mun. (new) (Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
➔ Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
➔ Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED
MIDLAND Range (Tex) (AAF)	209 (DON)	48°,3.8	MRLWZ	
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18
(A) [Midland AAF] (A) (Tex)	9.5 WSW;RR S	2867	64h L1	CLOSED.
(A) Midland #2 (A) (Tex)	3 NW;rd E	2805	64h L5 S4	91, 100 oct. JP-1 No sto.
➔ Midland Com. (Tex)	1.1 SSE; hwy N	2800	30 S6	80 oct.P-line sur fld.Strip ends rough
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW.
North Concho(San Angelo,Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Pandale (Tex)	8 NE		20 S2	80 oct. Data unver
Parker, (Texon,Tex)	2.3 W; RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Presidio (Tex)	4 N;hwy W	2850	48	NOT MAINTAINED.
➔ Presidio Air Strip (Tex)	0.8 NE;hills E	2500	21	PRIVATE.
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126 18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91,100 oct. No sto.
➔ Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S,SE Hills sur fld.
➔ Rita Santa (Tex)	0.5 S;RR N	2800	40	Emerg use only.Obsts sur fld.
(A) Ryan #3 (Marfa,Tex) (A)	19 WNW;RR NE	4750	60h	CLOSED.
SAN ANGELO Tower (Tex)	272		CI	(4); (12 noon-1 hr after sun-set).
(P) [San Angelo] (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Sanderson (Tex.)	2 W;hwy N	2900	24 S2	80 oct.400' hills W,E.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Sherrill(Rock Springs, Tex)	4 W;hwy S	2400	21	Cattle on fld. P-line W,NW.
➔ Sky Harbor (San Angelo,Tex)	4.6 NNW; RR SW	1840	30 L3 S4	80,91 oct.After 2100 lgts on req.
➔ Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
(A) South #1 (Marfa, Tex) (A)	15 SE	4825	60h	CLOSED. W-mill WNW
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct.Rnwy lgts prior req
Terlingua (Tex)	2 E;hwy SW	2700	36	
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Tracy (Carlsbad, N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
➔ U & S Fly Svc.(Big Spring)	1.5 N; hwy 1 S	2517	34 S6	80 oct.P-line N,NNE.Ctn E/W strip.(Tex)
Val Verde Co.(Del Rio, Tex)	4.5 ENE;RR S	1094	49h	
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct. Poles NW.
** Westbrook Int,32,EO-FV	1.3 S;RR N	2188	34 L3	P-line N,S. (Tex)
White (Brady, Tex)	10 W;RR N	1550	73	
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260 (WP)(116.1)	353°,1.2	SBRAZ-DTV	(4);116.1,122.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80,91 oct.
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
Yoas Ranch (Longfellow,Tex)	6.5 WSW;RR N	3675	36	PRIVATE.P-line NW.
NEW FACILITIES				
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook,Tex)	14.8 S;ranch 4 E	2127	26	
Longfellow (Tex.)	1.2 WNW;RR S	3700	15	P-line S.Emerg use only.
➔ Decker Ranch(Candelaria,Tex)	11 NNE;cliff 2 E	3650	29	PRIVATE
➔ Wilson Ranch(Bakersfield,Tex)	12 ESE;hwy S	3000	30	Sur terrain hilly
➔ Maker (Abilene,Tex)	2.7 W;hwy,RR N	1750	30 S1	80 oct.P-line N,NE,NW

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page XIII) ➔ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.

BIG SPRING 121



CORPUS CHRISTI

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALICE Range (Tex)	224 (EZ)	72°,3.6	SRAWZ	
(P) Alice (Tex)	3.3 ESE;RR N	177	48h L5 S6	80, 91 oct.
(A) Aloe AAF (Victoria,Tex)	6 WSW;RR SE	107	57h	CLOSED. (A)
(A) Aloe #10 (Victoria,Tex)(A)	19.8 WSW	150	40h	CLOSED.
Asherton (Tex)	1 S;RR NE	552	22 S1	80 oct. Poles N;trees sur
★ Austwell Int,5A,CR-HU	2.1 SSW;bay NE	23	32 L2	Fence sur fld.(Tex) fld.
BROWNSVILLE Range (International) (Tex)	388(JI)(116.1)	157°,2.3	SBRAZ-DTV	(3);116.1,122.1
CABANISS NAAS Tower (Tex)	(142.74)		CN	3105;142.74 (during flgt
(N) Cabaniss NAAS (Corpus Christi, Tex) (N)	6.2 SSW;RR NE	30	50h L5 S4	91 oct. opers).
Central Valley (Mercedes)	1.5 NE;hwy S	62	31h S6	80,91 oct. Data unver
(N) Chase NAAS (Beeville, Tex) (N)	5.6 ESE;rd N	186	46h	INACTIVE. (Tex)
Chupadera Ranch Emerg. Strip (Laredo, Tex)	60 NW	630	33 L1	
CLIFF MAUS Tower (Tex)	278 (118.3)		C	(4);118.3,126.18,122.5 (7-23)
[Cliff Maus](Corpus Christi, Tex)	2.5 SW;RR N	42	45h L5 S6	80,91 oct. No sto. Repairs for airlines only
Commercial (Edinburg)	1 W;RR SE	90	20 S1	73 oct. P-line NW,NNW
Community (Sinton,Tex)	2 W;RR SE	143	50	(Tex)
CORPUS CHRISTI Range (Cliff Maus) (Tex)	382(CR)(116.1)	138°,2.9	SBMRLZ-DTV	(3); 116.1,122.1
CORPUS CHRISTI Navy Range	248 (NGP)	350°,3.3	MLZ	(3); 142.74
CORPUS CHRISTI NAS Tower	248 (142.74)		CN (GCA)	(3); 142.74
(N) Corpus Christi NAS (Tex)	9.5 SE	19	58h L5 S6	91,100 oct. NATS.(N)
CORPUS CHRISTI NAS Seaplane Tower (Tex)	2870(142.74)		CN	3105;6210; 142.74
(N) Corpus Christi OLF #10 (Tex) (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLF #11 (Tex)(N)	16 SSW	29	15h	13 SSW Aberdeen
(N) " OLF #25 (Tex)(N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLF #41 (Tex)(N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City (Tex)	1.8 N;RR W	600	32 S1	80,91 oct. P-line NE,NW
→ CUDDIHY NAAS Tower (Tex)				DECOMMISSIONED.
→(N) Cuddihy (Corpus Christi)	7.8 SW;crk S	39	50h L3 S6	80,91 oct. No bcn. (Tex.)
Dimmit Co.(Carrizo Spgs, (Tex)	2.8 E;hwy N	640	25 S1	Ltd 80 oct. P-line ends strips.
Eagle Pass (Tex)	10 N;RR N	878	59h	
Eagle Pass Mun. (Tex)	1.3 E;hwy N	774	29 S2	80 oct. ARPT OF ENTRY
Elsa (Tex)	1 SSE;RR N	70	21 S6	73 oct. Crop dusters.
Foster (Victoria, Tex)	6.5 NE;RR S	104	52h	
Fox (Raymondville,Tex)	1 WSW;RR S	40	26 S2	73,80 oct. Poles W,SE.
Freer (Tex)	3.8 NNW	375	28	Trees sur fld. Hwy E.
Harlingen, com. (Tex)	1.8 SSW	41	18 S1	73 oct. Hwy E.
Harlingen (Tex)	5 NW;RR SW	40	13	P-line S.
Harlingen, mun. (Tex)	3.5 NE;rd S	35	60h L5 S4	80,91 oct. Lgts prior req
Hunt (Portland, Tex)	2 WNW	35	16 S5	80 oct. RR ESE.
Indianola (Magnolia Beach)	2 SW;hwy N	17	34	PRIVATE. (Tex)
INTERNATIONAL Tower (Brownsville, Tex)	278 (126.18, 118.7)		C (ILS-W)	(4); 118.7,126.18,122.5 (8-24)

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(P) [International] (Brownsville, Tex)	4.5 E;hwy N	22	59h L6 S6	**73-100 oct. ARPT OF** ENTRY. 100 oct. Army
Kahler (Alamo, Tex)	4 NNE;RR W	90	20 S1	73 oct. Poles sur fld.
Kenedy (Tex)	1.4 ESE;RR N	270	19 S2	80 oct.
★ Kingsville Int,11,JI-FV	3.5 S;RR W	58	26 L3	(Tex)
(N) " NAAS (North)(Tex)	3.5 ESE	47	61h	INACTIVE. Hwy NW.(N)
Kingsville (South)(Tex)	3.5 SE;hwy N	51	61h S4	80, 91 oct. Hwy W.
Lake Mathis (Mathis,Tex)	5 WSW;RR SE	161	20	
La Laja (Dolores,Tex)	1.5 NNE;riv SW	475	18	PRIVATE 15-20' brush W, S.
LAREDO Range (Tex)	206(LL)(116.1)	137°,3.1	SBRAZ-DTV	(4); 116.1,122.1
[Laredo] (Tex)	3.5 NE;hwy NNE	512	66h L5 S5	80,91 oct. Lgts **on req.** ARPT OF ENTRY.
Los Fresnos (Tex)	0.8 SSE;RR W	35	24 S1	73,80 oct. P-line W.
McAllen (Tex)	1.6 SSW;hwy N	115	29 S6	73,80 oct. Poles E,NE
Magic Valley (Mission)	1.5 SSW;lk W	135	21 S6	73 oct. No sto. Poles E.
(A) Matagorda Island (Tex)(A)		7	40h	TMP INACT. NO FACS. 9 SSW Port O'Conner.
Matagorda-Peninsula (Matagorda, Tex)	6.5 E Port O'Conner	5	40h	
Mauldin (Brownsville,Tex)	4.4 NNW;RR W	22	35 S6	80,91 oct. Poles W.
Mid-Valley (Weslaco,Tex)	1.7 NE;RR W	70	25 S4	80 oct. P-line NW,SW.
(A) Moore (Mission, Tex)(A)	12 N;RR E	219	50h	CLOSED.
" #1 (Mission,Tex)	10 N Edinb'g	80	40h	
(A) " #3 (Mission,Tex)(A)	5 N LaGrulla	300	30h	CLOSED.
PALACIOS Range (Tex)	350 (UX)	118°,1.6	MLWZ	
Palacios (Tex)	2.7 WNW	13	50h S1	80 oct.
★ Pawnee Int,22,JI-FV (Tex)	5 WNW;RR W	368	30 L3	
(P) Port Isabel (Tex)	10 NW	12	48h	
★ Raymondville Int,5,JI-FV	3.5 NNE	34	29 L3	RR W. (Tex)
(P) Rockport (Tex)	4.3 N;bay W	22	45h	
RODD NAAS Tower (Tex)	(142.74)		CN	3105;142.74 (during flgt
(N) Rodd NAAS (Corpus Christi, Tex) (N)	9.8 S;RR NE	20	51h L5 S4	91 oct. No sto. opers.)
Rooke (Refugio, Tex)	3.2 WSW;RR E	46	30 S1	73 oct. Cattle on fld. Twr
San Benito,2,JI-FV (Tex)	1.5 E;RR SW	31	26 L3 S6	73,80 oct. NW
Shary (Mission, Tex)	1 NW;RR E	145	30 S4	73,80 oct.
Sinton (Tex)	1.3 E;RR NW	27	48 S6	80,91 oct. No sto.
Tanner Sea & Land Plane Base (Port Lavaca,Tex)	3 S;hwy S	12	22 S1	80 oct. Pwr line sur fld
Travland (Beeville,Tex)	2 NW;RR E	225	19 S2	80 oct. Poles E.
(N) Waldron NAAS (Corpus Christi, Tex) (N)	12 SSE;hwy NNE	25	50h	INACTIVE.
→ Weisman (Kingsville,Tex)	2.5 NNE;RR S			ABANDONED
Wormser (Lardeo, Tex)	4 SE;hwy W	440	26	
Worsham (Taft,Tex)	0.8 ENE	54	25 S6	80 oct. Hwy SW.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

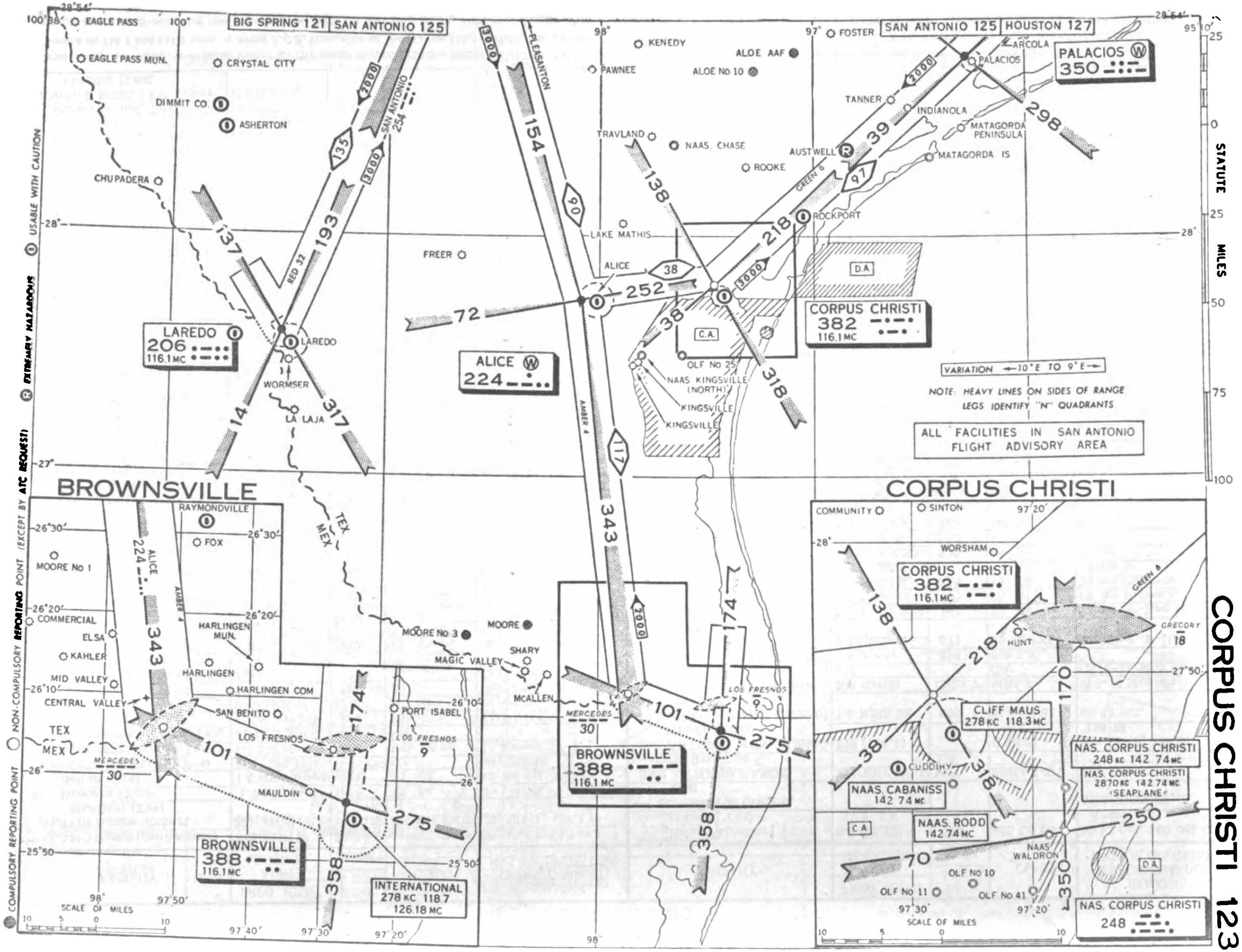
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INTERNATIONAL	110.3 ·−·· −−	335	170°	IM−	MM−·−·−(0.66)	OM− −−(4.34)
					MMK−	OMK−
				IM−	MM−	OM−
					MMK−	OMK−

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs + Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

CORPUS CHRISTI 123



SAN ANTONIO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	MRLZ-DTV	(3);116.1,122.1(Tex.)
AUSTIN Range (Robert Mueller) (Tex)	281(XN)(116.1)	117°,1.8	SBMRLZ-DTV	(3); 116.1, 122.1
Bandera (Tex)	1.7 SE;riv N	1250	27 S6	80 ,91 oct.P-line ENE
Belton (Tex)	1.6 WSW;hwy N	511	21 S1	73, 80 oct. No sto.
BERGSTROM Tower (Tex)	396 (126.18)+		CA	(4); 126.18
(A) Bergstrom (Austin,Tex)(A)	7.5 SE;riv NE	494	65h L5 S6	73,100 oct. JP-1.
Blackland #1 (Waco, Tex)	11 WSW;RR S	575	55h	
(A) Bryan AAF (Tex) (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Burnet (Tex)	2 NE;RR W	1325	21 S1	80 oct.P-line SW.
Cameron Arpk (Tex)	1.7 N;RR W	402	29	Bldg NNE. Hwy W.
(A) Camp Hood Landing Field (Killeen, Tex) (A)	2 NE	920	36	CLOSED.
Coulter (Bryan, Tex)	4 NE;hwy NW	360	22 S6	80 oct. 5' fence SW.
Cuero (Tex)	3.1 N;RR SE	195	53 L S4	80,91 oct. Port lgts prior
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel req.
(P) Draughon-Miller (Temple, Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct. No flood lgts.Ctc lgts on req.
(P) Easterwood (College Station, Tex)	2.8 SW	320	52h S6	80 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Edgerton (Cuero, Tex)	2.9 E;hwy SW	185	1956	80 oct.
Edna (Tex)				ABANDONED
Foster #4 (Victoria,Tex)	12.5 NNW	186	56h	
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Georgetown (Tex)	3.3 N;hwy E	789	41h L5 S4	80, 91 oct.
Groesbeck (Tex)	1.5 E;hwy S	477	21 S1	73 oct.
Haile (Austin, Tex)	4.1 NE;RR NE	725	23 S6	80,91 oct. P-line E
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	(Tex) SE.
Hearne (Tex)	0.8 SE;RR E	305	22 S1	80 oct.P-lines NE,E,
Hefner (El Campo, Tex)	1.5 WSW;RR SE	104	21 L S2	80 oct. Port rnwy lgts. P-line S,SE.
(A) Hondo AAF (Tex) (A)	2.1 NW;RR S	929	61h	CLOSED.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio, Tex) (A)	6.8 SW;RR NE	675	75h L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR.STI
Killeen (Tex)	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
Lampasas Co.(Lampasas)	6 NW;RR S	1480	42 S2	80 oct. (Tex)
Llano Co. (Llano, Tex)	2.4 NNE	1029	40 S1	73 oct. Riv NE.
Louise (Tex)	1.6 E;RR W	120	24 S1	Ltd 80 oct.P-line N,S.
(P) Louis Schreiner (Kerrville, Tex)	See Kerrville Airport under "New Facilities"-name changed			
Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
Newland (Waco, Tex)	4.5 SSE	410	25 S6	80, 91 oct. RR NE.
Poteet (Tex)	0.6 SW;RR E	440	13 S2	73 oct.
RANDOLPH Army Range (San Antonio)(Tex)	359 (DRQ)	322°, 2.04	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio, Tex) (A)	14.8 ENE;RR NW	760	70h L5 S6	91,100 oct.No sto.
Riesel (Waco, Tex)	10.5 SE	371	51	
ROBERT MUELLER Tower (Austin) (Tex)	272 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
[Robert Mueller] (Austin, Tex)	3.5 NE;RR SW	620	46h L5 S6	80,91 oct. 100 oct for Army.
St. Edwards (Austin, Tex)				ABANDONED.
SAN ANTONIO RANGE (Kelly) (Tex)	254(ZN)(116.1)	107°, 1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO Tower (Tex)	278 (118.5)		C (ILS)	(4); 118.5, 122.5, 126.18
[San Antonio Mun.-Alamo] (Tex)	7.8 N;RR SE	800	55h L6 S2	80,91 oct.
SAN MARCOS Army Range	266 (DMS)	170°,4.2	MRLZ	V(6-18 Mon-Fri)
SAN MARCOS AAF Tower	317		CA	(3) (6-18 Mon thru Fri)
(A) San Marcos AAF (Tex)(A)	5 E;riv W	596	65h L5	
* San Marcos Int, 31B, JI-FV (Tex)	2 SE;hwy N	577	29 L3 S6	73,80 oct. P-line NE.
Schulenburg (Tex)	2.2 N;hwy W	344	20 S4	73 oct. P-line W.
Scott (Gatesville, Tex)	1.8 E;hwy N	780	25 S1	80 oct.P-line NW.
Stephens (Marlin, Tex)	2 ESE;RR N, SSW	318	19 S2	80 oct.Cattle on fld. Pole W.
Taylor (Tex)	2.2 WNW;RR S	520	24 S4	73 oct.
White (Brady, Tex)	10 W;RR N	1550	73	
Woodson (Temple, Tex)	2 NNW;hwy SW	763	28h S4	80 oct.
YOAKUM H Fac (Int.)(Tex)	236 (YK)	352°, 2.8	HW	
* Yoakum Int,7,JR-HU(Tex)	5 NW;hwy S	387	39 L3	

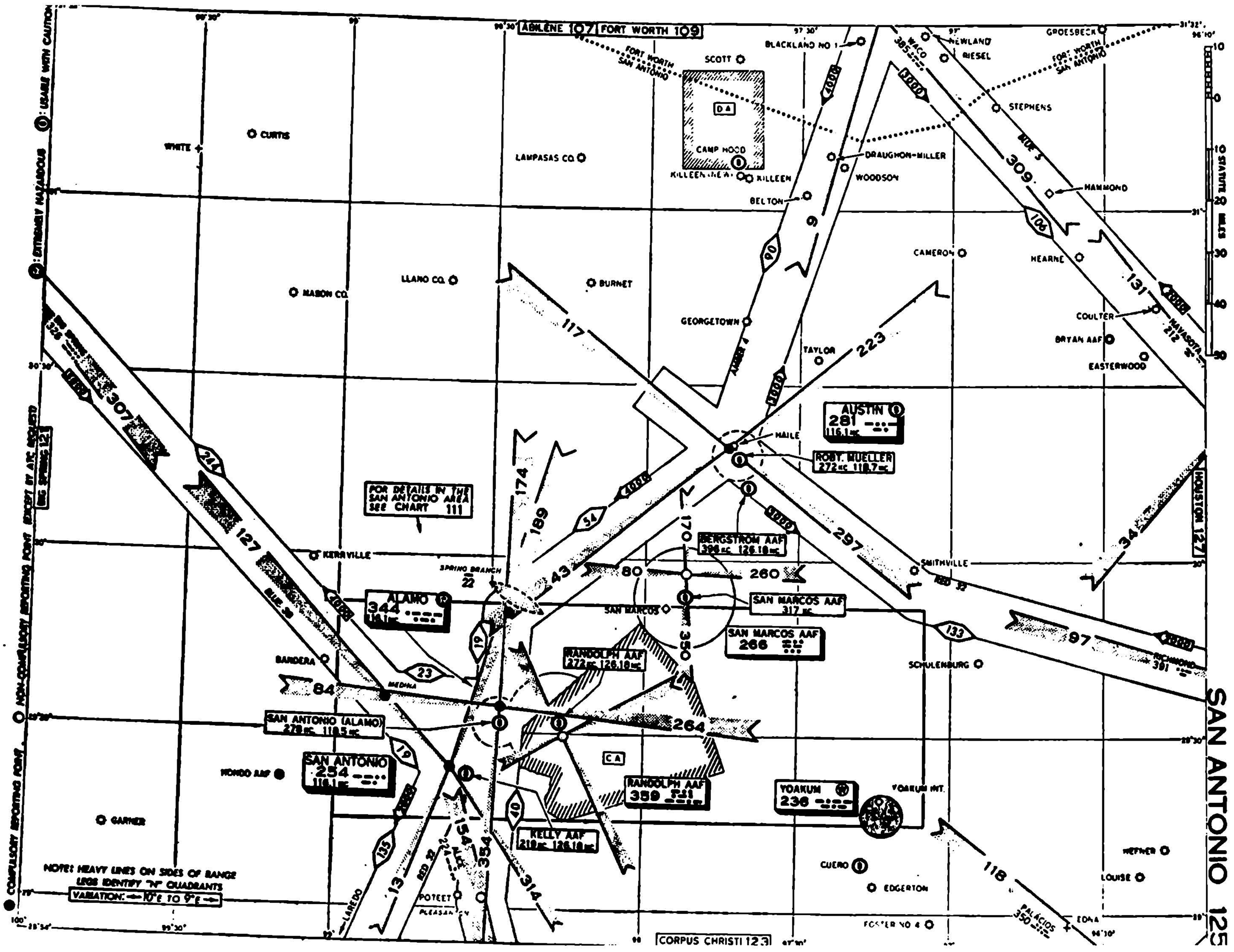
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALAMO	109.9 •-=-•	333.8	30°	IM-	MM-•-•-• (0.68)	OM- — —(4.38)
					MMK-	OMK-230 — —••
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Edna (Tex,	2 ESE,hwy S		20 S1	73 oct. Use strips only Data unver.
Killeen-new (Tex)	1.6SE;RR,hwy N	833	25 S1	80 oct.
Smithville (Tex)	2.5 SE;lake NW	324	18 S1	80 oct. P-line ENE SW
(P) Kerrville (Tex)	5.8 SE;RR SW	1590	44h L5 S6	80,91oct.No f-lgts.P-line
Medina City(Medina,Tex)	1 N;riv W	1620	27	80 oct.P-line NE,E,SE

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice, **(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.**


ABILENE 107
FORT WORTH 109
ABILENE WITH CAUTION
STANLEY HAZARDOUS
NON-COMPULSORY REPORTING POINT EXCEPT BY AIR
COMPULSORY REPORTING POINT
WHITE
CURTIS
LAMPASAS CO
MASON CO
LLANO CO
BURNET
SCOTT
BLACKLAND NO 1
CAMP HOOD
KILLEEN
BELTON
WOODSON
DRAUGHON-MILLER
WACO
NEWLAND
RIESEL
GROESBECK
STEPHENS
HAMMOND
CAMERON
HEARNE
COULTER
BRYAN AAF
EASTERWOOD
GEORGETOWN
TAYLOR
AUSTIN
281
116.1
HAILE
ROBY. MUELLER
272 116.7
FOR DETAILS IN THE SAN ANTONIO AREA SEE CHART 111
KERRVILLE
SPRING BRANCH
ALAMO
344
114.1
BERGSTROM AAF
396 126.1
SMITHVILLE
SAN MARCOS
SAN MARCOS AAF
317
SAN MARCOS AAF
266
RANDOLPH AAF
272 126.1
BANDERA
MEDINA
SCHULENBURG
SAN ANTONIO (ALAMO)
278 118.5
SAN ANTONIO
254
118.1
HONDO AAF
RANDOLPH AAF
359
YOAKUM
236
YOAKUM MT.
KELLY AAF
219 126.1
GARNER
POTEET
PLEASANTON
CUERO
EDGERTON
FOSTER NO 4
LOUISE
HEFNER
EDNA
CORPUS CHRISTI 123
SAN ANTONIO 125
HOUSTON 127
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS
VARIATION: 10°E TO 9°E
STATUTE MILES

HOUSTON

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALEXANDRIA Range (La)	251 (DAI)	310°,5.7	SMRAWZ	
(P) [Alexandria] (La)	5.5 W;riv 2 N	88	70h L5 S1	80, 91 oct.
Angelina Co. (Lufkin, Tex)	7.5 SSW;RR W	288	42	Cattle on fld.
→ Bay City (Tex)	2 SSW;RR N			ABANDONED
BEAUMONT Range (Jefferson Co) (Tex)	368(JU)(116.1)	160°,3.7	BMRLZ-DTV	(4);116.1,122.1
Beaumont (Tex)	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior
Brazosport (Velasco, Tex)	1 N;hwy SW	6	24 S1	80 oct. Data unver. req.
Damon (Tex)	3 ESE;hwy WSW	60	22	4' fence sur fld.
De Quincy (La)	1.5 SW;RR NW	78	24	Cattle on fld. Trees N,E.
(P) De Ridder (La)	3.5 WSW;RR S	203	45h	
(A) Ellington (Houston, Tex) (A)	15 SE;RR W	39	52h L5 S1	100 oct.
(A) Erwin-Newman (Houston, Tex)	5 SSW;hwy N	50	28 S6	80 oct.
Eunice (La)	1.7 W;hwy N	45	35 S2	80 oct.
GALVESTON Range (Tex)	263(GS)(116.1)	125°,4.2	SBMRLZ-DTV	(4);116.1,122.1
[Galveston] (Tex)	3.5 WSW;gulf S	7	60h S6	80,91 oct.
Gulf Coast (Texas City, Tex)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct. No sto. P-line
HITCHCOCK Tower (Tex)	3295		CN	3105,6390 (days) N.
(N) Hitchcock NAF (LTA) (N)	2.3 SW;RR ENE	20	20h	(Tex)
HOUSTON Range (Tex)	322(HU)(116.1)	309°,2.2	SBRAZ-DTV	(3);116.1,122.1
HOUSTON Tower (Tex)	(278)(126.18,118.5)		AC (ILS)	(4);118.5,126.18,122.5
[Houston] (Tex)	9 SSE;hwy W	50	47h L6 S6	73,80,91,100 oct.
Humphrey (Goose Creek)	4 NNE;RR E	34	24	P-line NW,W. (Tex)
Jackson (Cypress, Tex)	4 SE;hwy S	145	25 S6	80 oct.
(P) Jefferson Co. (Beaumont, Tex)	9.8 SSE;hwy NE	15	51h L5	
Jennings (La)	1.4 NNW;RR SW	20	32 S6	80,91 oct. P-line E.
LAKE CHARLES MUN Range	242(LC)(116.1)	340°,2.5	SBRAZ-DTV	(4);116.1,122.1
→ LAKE CHARLES Tower (La)				DECOMMISSIONED
(A) [Lake Charles Mun.] (La)	4 ESE;RR NE	17	63h L5 S6	80,91 oct.;73,100 oct, JP-1 for Army.
→ Lake Charles (La)	5.2 SSW;hwy N	17	21 S6	80,91 oct. P-line N,W.
→ Lake Jackson (Freeport)	9.5 NW;hwy E			ABANDONED
Lamar (Beaumont, Tex)	4 SE;riv NE	17	22 S4	80 oct. No sto. P-line N,S.
(A) Leesville Land Strip (La)	2 NW		10	L-type acft. (A)
(P) Le Gros Memorial (Crowley, La)	6.5 WSW;RR N	16	43h L5	Ctc lgts prior req.
Lufkin (Tex)	2 NW;hwy N	315	31 L1 S6	73,80 oct.
Madisonville Emerg. (Tex)	0.8 NW;hwy E	400	18	
Main Street (Houston, Tex)	6.5 SSW;hwy SE	50	22 S6	80 oct.
McArthur (Alexandria, La)	2.8 W;hwy E,N	86	26 S4	80,91 oct Trees N,S Rnwy
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct. (Tex) data unver.
(P) Montgomery Co. Arpk. (Conroe, Tex)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct. No flood lgts. Rnwy lgts prior
NAVASOTA Range (Int.) (Tex)	212 (NT)	180°,1.4	MRLW	req.
* Navasota Int,10,GS-WC (Tex)	2.5 ENE; RR NNW	331	30 L3	
(A) No. Camp Polk Land Strip	6 NE	340	14h	(Camp Polk, La) (A)
No. Lake Charles (Lake Charles, La)	10 N;hwy NW	17	50	
Oakdale (La)	3 W;hwy N	123	27	Trees WSW,ENE.
Old Ocean (Tex)	1 ENE;hwy N	60	35 S1	80 oct. Cattle on fld.
Orange (Tex)	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur, Tex)	4 NW;RR NE	6	34 S6	80 oct.
(A) Pollock AAF (La) (A)	4.5 SW	211	45h	CLOSED.
(A) Preston (Houston, Tex) (A)	2.5 WNW of La Porte	34	40	CLOSED.
RICHMOND Range (Tex)	391 (UT)		MRLW	
Richter (Kirbyville, Tex)	1.5 S;RR E	175	16	
Sam Houston (Houston, Tex)	10.5 SW;RR S	60	30 S6	73, 80 oct.
Sam Houston State College (Huntsville, Tex)	2.5 NW;RR E	401	24 S2	80 oct.
(A) So. Camp Polk Landing Strip (Camp Polk, La) (A)	Adj E	300	21h	
Sky Harbor (Anahuac, Tex)	0.3 S;hwy N	24	22 S1	80 oct.
Skyport (Houston, Tex)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston, Tex)	6 ENE;RR N	60	30 S4	80 oct.
Tri-Cities (Goose Creek, Tex)	2.6 N;RR E	25	24 S2	80 oct. P-line SE.
(P) Wharton (Tex)	1.8 ENE;RR N	100	45 S2	80 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

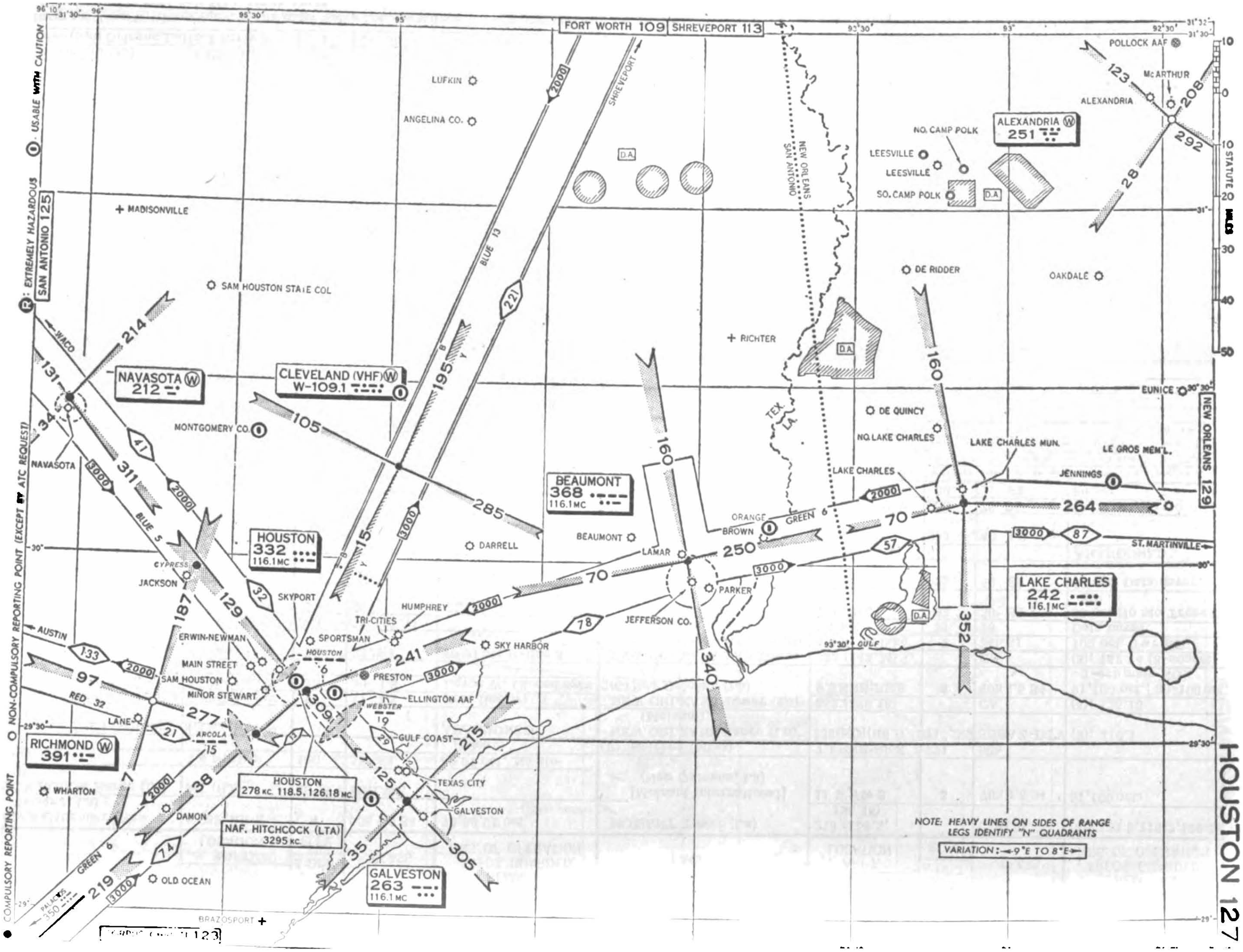
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
HOUSTON	109.9		35°	IM-	MM- •—•—• (0.66)	OM- ——— (4.78)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

CLEVELAND Range (Tex)	109.1 (CL)		VARW	
Brown (Orange, Tex)	3.6 WSW;hwy SE	20	47 S4	80,91 oct. No sto. P-line SE.
Darrell (Liberty, Tex)	4.3 ESE;RR, hwy N	30	29 S1	80 oct. P-line N
Lane (Rosenburg, Tex)	2.5 SE	106	25 S2	80,91 oct. NNW.
Texas City (Tex)	1.8 NNW	8	34 S4	80,91 oct. P-line NE.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


FORT WORTH 109
SHREVEPORT 113
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT ATC REQUEST)
COMPULSORY REPORTING POINT
SAN ANTONIO 125
NEW ORLEANS 129
HOUSTON 127
LUFKIN
ANGELINA CO.
MADISONVILLE
SAM HOUSTON STATE COL
SHREVEPORT
BLUE 13
BLUE 5
NEW ORLEANS SAN ANTONIO
POLLOCK AAF
McARTHUR
ALEXANDRIA
ALEXANDRIA W 251
NO. CAMP POLK
LEESVILLE
LEESVILLE
SO. CAMP POLK
D.A.
DE RIDDER
OAKDALE
RICHTER
EUNICE
DE QUINCY
NO. LAKE CHARLES
LAKE CHARLES MUN.
LE GROS MEM'L.
JENNINGS
LAKE CHARLES
ST. MARTINVILLE
LAKE CHARLES 242 116.1 MC
NAVASOTA W 212
CLEVELAND (VHF) W W-109.1
NAVASOTA
MONTGOMERY CO.
BEAUMONT 368 116.1 MC
BEAUMONT
DARRELL
HOUSTON 332 116.1 MC
CYPRESS
JACKSON
SKYPORT
HUMPHREY
TRI-CITIES
SPORTSMAN
HOUSTON
ERWIN-NEWMAN
MAIN STREET
SAM HOUSTON
MINOR STEWART
SKY HARBOR
PRESTON
ELLINGTON AAF
WEBSTER
GULF COAST
TEXAS CITY
GALVESTON
LAMAR
PARKER
JEFFERSON CO.
ORANGE
BROWN
GREEN
AUSTIN
WACO
LANE
ARCOLA
RED 32
RICHMOND W 391
WHARTON
DAMON
OLD OCEAN
BRAZOSPORT
HOUSTON 278 KC. 118.5, 126.18 MC
NAF. HITCHCOCK (LTA) 3295 KC.
GALVESTON 263 116.1 MC
TEX LA
GULF
93°30'
29°30'
31°30'
STATUTE MILES
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 9°E TO 8°E

NEW ORLEANS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(N) Alvin Callender (New Orleans, La)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
BATON ROUGE Range (La) (Harding)	347 (RX)	128°,3.4	MRLWZ	
Bogalusa (La)	2.4 N;RR E	100	35 S6	80,91 oct. No sto. Poles S.
→ Chapman (New Orleans, La)	8.5 NE;lake N			ABANDONED
★ Covington Int,3,NO-LS (La)	6 NNE;hwy W	77	27 L3	Pole line W.
★ Donaldsonville Int, 26, HU-NO (La)	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge, La)	4 E;hwy N,E	56	31 S4	80,91 oct. P-line S.
Ellisville (Miss)	1.3 SW;RR SE	240	18	
(A) Esler (Alexandria, La) (A)	11 NE;Bayou S	92	45h	CLOSED
False River (New Roads, La)	1.6 WSW;lake S	30	30 S1	80 oct.
Ferriday (La)	1.5 N;RR,hwy E	55	17	
Girard (Lafayette, La)	2.5 NW;hwy E	39	26 S6	80,87 oct. Obsts sur fld
Glendale (Hattiesburg, Miss)	5 NNW;hwy E	200	26 S3	80 oct.
Grand Isle (La)	2.6 NE;hwy NW	4	22	notice.
Gulfport (Miss)	3.4 NE	27	70h L S2	80,91 oct. Fld lgts 24 hrs
Gulfport, mun. (Miss)	1.3 N;RR E	30	22	CLOSED
(P) Hammond	2 ENE;RR S	40	50h L5 S1	80,91 oct. Lgts prior req.
(P) [Harding] (Baton Rouge, La)	5.8 NNE	70	60h L5 S2	80,91,100 oct.
(P) Harry P. Williams Memorial (Patterson, La)	2 WNW;hwy NW	9	32 L2 S4	80 oct. Trees NW.
(A) Hattiesburg AAF (Miss) (A)	5 SSE;RR SW, NE	145	43h	Poles W,NW. CLOSED
(N) Houma NAS (LTA) (La) (N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia, La)	5 NW;RR NE	27	40h L5 S6	73-91 oct.
Joseph H. Sharpe (Natchez, Miss)	1.8 ESE;RR S	135	25 S2	73 oct.
KEESLER Army Range (Miss)	221 (DOX)	210°,2.9	BMRLZ	(4); 4220
KEESLER Tower (Miss)	201 (126.18)		CA	(4); 4220
(A) Keesler (Biloxi,Miss)(A)	2 WNW;bay N	26	66h L5 S5	100 oct. Rdo rqrd ngts.
K-P (Covington, La)	1.8 NW;hwy adj	27	18 S2	80 oct. P-line E.
LAFAYETTE H Fac. (La)	227 (UG) (116.1)		MHTV	(4);116.1,122.1 [on req.
Lafayette (La)	1.5 SE;RR W	40	50h L5 S5	80 oct. P-line S. Fld lgts
Laurel (Miss)	3 W;RR SE	235	50h L S4	80,91 oct. Port rnwy lgts.
McComb (Miss)	1.3 NW;hwy E	460	27 L3 S6	80, 91 oct. No bcn. Lgts prior request. Obsts sur field.
McLaurin (Miss)	1 NNE;RR W	350	24 S4	73 oct. Lgt acft only.
Menefee (New Orleans, La)	5.2 E;riv S	1	31 S6	80 oct. P-line S.
MOISANT Tower (La)	278 (118.3, 126.18)		C (ILS)	(4); 122.5,118.3,126.18
→ [Moisant International] (New Orleans, La)	11 W;riv S	3	70h L6 S4	91,100 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
NEW ORLEANS Range (La) (Moisant)	338(NO)(116.1)	271°,3.2	SBRAZ-DTV	(3); 116.1
NEW ORLEANS Tower (La)	382 (126.18)		CA	(4); 126.18
(NG) New Orleans (La)	6.5 NNE;RR S	8	40h L5 S4	91,100 oct.; 80-100 oct, 1-ech main NG.
NEW ORLEANS NAS Tower	323 (142.74)		CN	(3); 142.74 (8-sunset)
(N) New Orleans NAS (La)(N)	4.6 N; on lake	7	34h S1	100 oct. Twr NE.
(P) Opelousas (La)	1.5 NE	35	18	Data unver.
Picayune (Miss)	2.3 NNE	92	30 S4	80 oct. No sto. Trees N, SW.
Pike Burden (Baton Rouge, La)	5 SE	35	50 S1	80 oct. Data unver.
→ Texaco (New Iberia, La)	2.6 N;hwy W			ABANDONED
★ Tylertown Int,7,NO-LS (Miss)	6 SE;rd E	393	40 L3	
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	28 S4	73,80 oct. No sto. P-line W
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

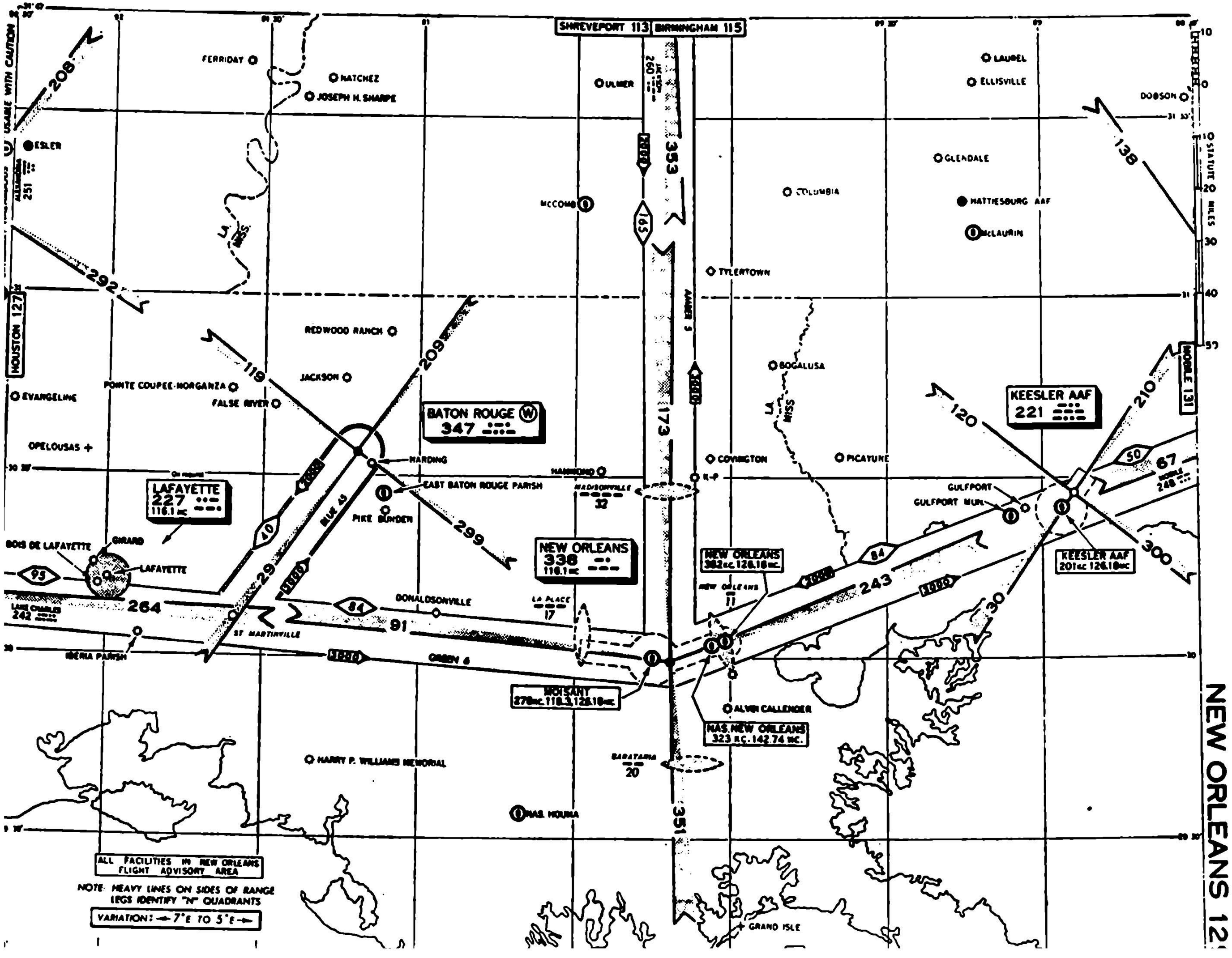
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ MOISANT	109.9	333.8	100°	IM- ·····(0.05)	MM- ·-·-· (0.67)	OM- — — (3.92)
					MMK-	OMK-254 ·-·-·
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

– Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


SHREVEPORT 113
BIRMINGHAM 115
USABLE WITH CAUTION
FERRIDAY
NATCHEZ
JOSEPH H. SHARPE
ULMER
LAUREL
ELLISVILLE
DOBSON
ESLER
GLENDALE
COLUMBIA
HATTIESBURG AAF
McLAURIN
McCOMB
TYLERTOWN
HOUSTON 127
REDWOOD RANCH
JACKSON
BOGALUSA
POINTE COUPEE-MORGANZA
EVANGELINE
FALSE RIVER
BATON ROUGE (W)
347
KEESLER AAF
221
OPELOUSAS
HARDING
HAMMOND
COVINGTON
PICAYUNE
LAFAYETTE
227
116.1
EAST BATON ROUGE PARISH
PIKE BURDEN
GULFPORT
GULFPORT MUN
BOIS DE LAFAYETTE
GIRARD
LAFAYETTE
NEW ORLEANS
338
116.1
NEW ORLEANS
382 rec. 126.18 mc.
KEESLER AAF
201 rec. 126.18 mc
LAKE CHARLES
242
264
GONALDSONVILLE
LA PLACE
17
ST MARTINVILLE
IBERIA PARISH
MOISANT
278 mc. 118.3, 126.18 mc.
NAS NEW ORLEANS
323 rec. 142.74 mc.
ALVIN CALLENDER
HARRY P. WILLIAMS MEMORIAL
BARATARIA
20
NAS HOUMA
GRAND ISLE
ALL FACILITIES IN NEW ORLEANS FLIGHT ADVISORY AREA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 7°E TO 5°E
NEW ORLEANS 12

MOBILE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(A) Alliance #4 (Marianna,Fla)(A)	14 SE	215	50h	CLOSED.
Andalusia (Ala)	1.7 SSE;RR N	340	18 S1	80 oct.
(A) Apalachicola AAF (Fla)(A)	2 W;RR N	19	53h	CLOSED.
★ Atmore Int,16,NO-AG (Ala)	6 NW;at rd int.	287	31 L3	
(N) Bagdad OLF (Pensacola,Fla)(N)	14 NE;RR SE	111	18h	Use rnwys.
→BARIN NAAS (EAST) Tower (Ala)				DECOMMISSIONED.
→(N) Barin NAAS-East (Foley,Ala)	2.7 ESE	51	41h	CLOSED (N)
→BARIN NAAS (WEST) Tower (Ala)				DECOMMISSIONED.
→(N) Barin NAAS-West (Foley,Ala)	2.7 ESE	72	34h	CLOSED (N)
(A) Bascom (Marianna,Fla)(A)	15.5 NE	120	50h	CLOSED.
[Bates] (Mobile, Ala)	10 W;rd N,S	218	50h L5 S6	80,91 oct. No flood lgts; ctc lgts on req.
(P) Brewton (new) (Ala)	3.5 S;riv N	92	40h	
→ Brewton (old) (Ala)	2.5 N;hwy E			ABANDONED
→(N) Bronson NAAS (Pensacola,Fla)	12 WSW;bay W	27	44h	CLOSED (N)
BROOKLEY Tower (Mobile,Ala)	281 (126.18)+		CA	(4); 126.18
(A) Brookley (Mobile,Ala) (A)	3 SSW;RR NW	26	89h L5 S4	62,73,100 oct. JP-1.
(N) Canal OLF (Foley,Ala)(N)	8 S;rd W	16	36h	
Carabelle Figt Strip (Fla)	2.6 W;hwy S	20	40h	
Chastain's (Prichard, Ala)	2.5 NW;RR E	50	26 S6	80 oct.
Chipley (Fla)	1.5 SE;hwy N	100	24 S1	80 oct. Trees around fld.
(N) Choctaw OLF (Pensacola,Fla)	15 ENE	111	40h	(N)
City Air Park (Panama City)	2.5 N	40	26 S6	80,91 oct. Data unver. (Fla
CRESTVIEW Range (Fla)	350(HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4); 116.1
Crestview, 21, NO-IX (Fla)	2.5 N;RR E	274	33 L2 S6	80 oct. No sto.
Davis (Mobile, Ala)	12.1 WSW;RR E	180	23 S1	73 oct. →
De Funiak Springs (Fla)	1 W;RR N	197	25 S1	80 oct. Pwr line N.
Donalsonville (Ga)	1 S	150	40h	
DOTHAN Range (Ala)	233(ND)(116.1)	47°, 3.7	SBRAZ-DTV	(4); 116.1
[Dothan] (Ala)	3 WNW;hwy SE	330	40h L5 S6	80,91 oct. No sto. No flood lgts.
EGLIN Army Range (Fla)	209 (DVQ)	175°, 3.6	MRLPZ	Range cont.; (3); 126.18 (6-24)
EGLIN Tower (Fla)	278 (126.18)+		CA	(3); 126.18 (6-24)
(A) Eglin (Valparaiso,Fla)(A)	1.8 SW;hwy SE	71	80h (L5) S4	73,100 oct. JP-1. No sto.
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
Ellis (Marianna, Fla)	9.5 N;riv W	116	50h	
→(N) Ellyson NAAS (Pensacola,Fla)	7.5 NNE;bay E	115	38h	CLOSED (N)
Enterprise (Ala)	0.5 NE	355	22	
(N) Faircloth OLF (Lillian,Ala)(N)	3 NW;bay E	70	37	
Geneva (Ala)	2.4 NW;hwy S	88	23 S4	80 oct. RR S.
Gulf Airpark (Pensacola,Fla)	3 NW		17	Data unver.
↘ Headland (Ala)	2 NE;hwy N	350	48	
(N) Helm OLF (Pensacola,Fla)(N)	12 NW			ABANDONED.
(N) Holley OLF (Fla) (N)	1.5 S;riv N	37	36h	
Jackson Co. (Pascagoula,Miss)	3.5 ENE;RR N	16	45h L5 S6	80,91 oct.
(N) Kaisers Tract OLF (Elberta, Ala) (N)	3.3 ENE;hwy S	90	25	
→ Luverne (Ala)	1.7 NNW;hwy SW	300	20 S4	80 oct. P. line W,E blkd.
(N) Magnolia OLF (Foley,Ala)(N)	5.4 NW	83	29h	
(A) Malone #2 (Marianna,Fla)(A)	15.5 N	154	50h	CLOSED.
(P) Marianna (Fla)	6 NE;hwy E	112	50h L5 S4	80 oct. Fld lgts prior req.
(P) Middleton (Evergreen,Ala)	6 WSW;hwy N	258	40h L5	Fld lgts prior req.
(P) Milton "T" (Fla)	3.5 ENE;RR S	150	53 S3	80 oct.
↖ MOBILE Range (Ala)(Brookley)	248(MS)(vhf)	138°, 3.2	SBRAZ-DTV	(3);116.1,122.1
(A) Napier (Dothan, Ala) (A)	7.5 NW;RR S	397	45h	CLOSED.
(A) Ozark AAF (Ala) (A)	12 SSW	305	46h	TMP INACT. NO FACS.
Panama City (Fla)	5 NW;bay N,S,W	5	19 S6	80 oct.
PENSACOLA Range (Fla)	326(KH)(116.1)	340°, 2.1	SBRAZ-DTV	(4); 116.1
(P) Pensacola (Fla)	4 NNE;bay E	121	50h L5 S4	80,91 oct.
↙ Pensacola Arpk (Fla)	5 NNW;hwy E		28 S1	80 oct. Allway fld. Data unver.
PENSACOLA NAS-CHEVALIER Tower (Fla)	382 (142.74)		CN	(4); 142.74 (sunrise-30 min. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower (Fla)	2870 (142.74)		CN	3105; 142.74 (730-1630 except Sat, Sun, and holidays)
(N) Pensacola NAS-Chevalier (Fla)	5.3 SW;RR W	9	26h L S6	91 oct. Flood, obst lgts. (N)
PENSACOLA NAS-CORRY Tower	341 (142.74)		CN	3105; 142.74
(N) Pensacola NAS-Corry (Fla)(N)	5 WSW;hwy SE	32	43h L4 S6	91 oct. Obsts N,E,W.
(N) " OLF #1 (N) (Fla)	14 NW;riv 3 W	100	46	ABANDONED.
(N) " OLF #5 (N)	10 NNW;RR W	115	57	ABANDONED.
(N) " OLF #6 (N)	10 NNW;RR E	110	48	ABANDONED.
(N) " OLF #7 (N)	7 NW	103	37	ABANDONED.
(N) " OLF #8A (N)	13 NW	100	73	
(N) " OLF #9K (N)	11.5 NNW;RR E	110	50	ABANDONED.
(A) Reynoldsville (Ga) (A)	1.7 SSW	110	30h	CLOSED.
(N) Santa Rosa OLF (Milton,Fla)	6 E;rivs N,S,W	150	45h	(N)
SAUFLEY NAAS Tower (Fla)	275 (142.74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola,Fla)	8.5 WNW;bay SW	85	61h L5 S4	100 oct. NATS. (N)
(N) Silverhill OLF (Fla) (N)	3.5 WNW	129	30h	
Skyland (Panama City,Fla)	Within city W	12	20 S6	80 oct. No sto. P-line S.
Southern Airmotive (Dothan)	2 SE;RR W	322	27 S4	80 oct. Twr NW. (Ala)
(N) Spencer OLF (Pensacola,Fla)	15 NNE;bay S	145	18h	(N)
(N) Summerdale OLF (Ala) (N)	3.5 ENE;RR W			ABANDONED.
TYNDALL Army Range (Fla)	203 (DKE)	313°, 2.8	MRLZ	(3); 126.18 (V, 6-24)
TYNDALL Tower (Fla)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City,Fla)(A)	8 SE;Gulf SW	16	61h L5 S6	73,91,100 oct.
WHITING Navy Range (Fla)	524 (AWT)	130°, 3.2	MRLWZ	
WHITING NAS-NORTH Tower	269 (142.74)		CN	3105,4495; 142.74 (Fla)
(N) Whiting NAS-North (Milton,Fla)	6 N	200	60h (L6) S4	73,91,100 oct. (N)
← WHITING NAS-SOUTH Tower				DECOMMISSIONED
(N) Whiting NAS-South (Milton,Fla)	5 N	178	60h	Use N Fld. INACTIVE. (N)
(N) Wolf OLF (Josephine,Ala)(N)	1.5 N;bay E	54	30h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

BATES tower (Ala)	317(118.9)		C	(4);118.9 prior req.
Flomaton (Ala)	2 NNE;RR 1 E	240	16 L S4	80 oct. P-line W. Strip lgts

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page xiii)

→← NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

BIRMINGHAM 115 | ATLANTA 117

R: EXTREMELY HAZARDOUS — USABLE WITH CAUTION

NEW ORLEANS 129

MOBILE 248 111.1,116.1 MC

BROOKLEY AAF 281 KC. 126.18 MC.

BATES 317 KC. 118.9 MC.

JACKSON CO

NAAS. BARIN (WEST)

NAAS. BARIN (EAST)

NAAS. BRONSON

NAS. PENSACOLA – CORRY 341 KC. 142.74 MC.

NAS. PENSACOLA – CHEVALIER 382 KC. 142.74 MC.

SEAPLANE 2870 KC. 142.74 MC.

NAAS. SAUFLEY 275 KC. 142.74 MC.

NAS. WHITING (W) 524

NAS. WHITING (SO.) 269 KC. 142.74 MC.

PENSACOLA 326 116.1 MC.

CRESTVIEW 350 116.1 MC

EGLIN AAF 209

EGLIN AAF 278 KC. 126.18 MC.

DOTHAN 233 116.1 MC.

TYNDALL AAF 272 KC. 126.18 MC.

TYNDALL AAF 203 (R)

OLF NO 8A

PENSACOLA ARPK

NAAS. ELLYSON

LIVE OAK

MILTON "T"

HOLT 31

ROBERTSDALE

MOLINO 21

CANOE 25

MAXWELL AAF 362

NEW ORLEANS

ATLANTA JACKSONVILLE

BLUE 3

GREEN 6

RED 30

MARIANNA

TALLAHASSEE 335

ALA. GA. FLA.

MISS. ALA.

MCKEE

MIDDLETON

GOODWAY

ATMORE

FLOMATON

BREWTON (NEW)

CHASTAIN'S

CONZALEZ

DAVIS

10 KESLER

LUVERNE

TO MAXWELL

ANDALUSIA

ENTERPRISE

OZARK AAF

HEADLAND

NAPIER AAF

DOTHAN

SOUTHERN AIRMOTIVE

GENEVA ALA. FLA.

DONALSONVILLE

MALONE NO. 2

BASCOM

ELLIS

MARIANNA

REYNOLDSVILLE

DE FUNIAK SPRINGS

CHIPLEY

ALLIANCE NO. 4

PANAMA CITY

CITY

SKYLAND

CARRABELLE

APALACHICOLA AAF

JACKSONVILLE 133

STATUTE MILES 10 0 10 20 30 40 50

OLF'S TO NAAS. BARIN

+10	CANAL
+11	MAGNOLIA
+12	SILVERHILL

OLF'S TO NAAS. BRONSON

+13	KAISER
+14	WOLF
+15	FAIRCLOTH

OLF'S TO NAAS. ELLYSON

+16	BAGDAD
+17	SPENCER

OLF'S TO NAS. WHITING

+18	HOLLEY
+19	SANTA ROSA
+20	CHOCTAW

VARIATION: ← 5°E TO 3°E →

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

MOBILE 131

JACKSONVILLE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALBANY Range (Ga) (Turner Aux. Field No. 1)	254(GY)(116.1)	298°,2.3	BMRLZ-DTV	(4); 116.1 (DTV stn lctd at Albany Arpt).
Albany (Ga)	4 SW;RR N	196	49h L5 S6	80,91 oct.
ALMA Range (Ga)	242 (AJ)(116.1)	144°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
Alma, Site 43,MM-AG (Ga)	2.5 W;hwy N	200	43 L3	
Ashburn (Ga)	1.5 SE;RR,hwy W	430	18 S1	80 oct.
(A) Babcock (Boykin,Ga) (A)	3.5 ENE	145	30h	CLOSED.
Bainbridge (Ga)	7 NNW;RR NE	141	50h S6	80, 91 oct.
Barberville (Fla)	1 SE;bet RR & rd			ABANDONED
(A) Bemiss #3 (Valdosta,Ga)(A)	12 NE;hwy SE	198	50	TMP INACT.NO FACS.
(N) Bostwick OLF (Fla) (N)	1 NW;RR E	53	34	
Bowser (Baxley, Ga)	2.5 S;hwy W;RR N	205	21 S1	80 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct,Trees W.Poles SW
(N) Branan OLF (Jacksonville,Fla)	14.5 SW	73	40h L	B-2 lgts. (N)
BRUNSWICK H Fac. (Ga)	230(BS)(116.1)		MHTV	(4); 116.1
Brunswick (Ga)	2.5 NNE;hwy E	14	26 S1	80,91 oct. Data unver.
Bunnell (Fla)	3.3 E	34	50h	
Camilla (Ga)	1.4 NW.	180	21 S1	80 oct. Data unver.
CECIL NAAS Tower (Fla)	201 (142.74)		CN	3105;142.74 (Flying hrs)
(N) Cecil NAAS (Jacksonville,Fla)	16 WSW;hwy NW	80	50h L5 S4	100 oct. Trees sur fld. (N
Civil Air Patrol (Waycross,Ga)	2.6 WSW;RR N	140	22 S6	80 oct.W blkd. Soft
Commodore Decatur (Bainbridge, Ga)	2 W;riv W	108	40h S1	80 oct.
Cook County (Adel, Ga)	1.3 W;hwy NE	220	40h L3 S6	80, 91 oct.
Craig (Jacksonville, Fla)	9 E;riv N	41	40h L5 S6	80,91 oct. No sto.
CROSS CITY AAF Range (Fla)	269(FC)(116.1)	315°,2.7	SBMRAZ-DTV	(4); 116.1
(A) Cross City AAF (Fla) (A)	1 SE; RR SW	42	50h L5	CLOSED.
DALE MABRY Tower (Fla)	281 (118.3,126.18)		C	(4); 126.18,118.3,122.5
(P) [Dale Mabry](Tallahassee,Fla)	3 W; RR S	70	52h L5 S4	80, 91 oct.
Darien (Ga)	0.8 SE;riv S	30	13 S1	Ltd 80 oct. Trees W.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
Daytona Beach (Fla)	2.8 SW;hwy S	34	41h L5 S6	80,91 oct. Ctc & rnwy lgts on req.
Faceville (Ga)	3.5 S			ABANDONED.
(P) Fernandina (Fla)	4 S;ocean E	16	50h	
Fitzgerald (Ga)	2 SSW;RR W,E	365	24	
(N) Flemings Island OLF (N)	17.5 SSW	23	40h L	B-2 lgts.(Jacksonv'l,Fla)
Folkston Int,37,MM-AG (Ga)	0.7 WNW;RR NE	82	20 L3	P-line NE,SW,NW
GLYNCO NAF Range (Ga)	520 (NEA)	239°,0.3	MRLZ	3105.6390(V- 0730-16)
GLYNCO NAF Tower (Ga)	317 (142.74)		CN	3105.4495;142.74(0730-16)
(N) Glynco NAF (LTA)(Ga)(N)	6.4 N Brunswick	25	35h L5 S4	91,100 oct. Hwy SE.
(A) Harris Neck AAF (Ga)(A)	7 E S.Newport	22	54h	CLOSED.
Hart (Jacksonville, Fla)	6.5 W;RR N	20	40 S6	80,91 oct.Trees sur fld.
Hawthorne (Fla)	1.2 SSE;RR W	120	24 S1	Ltd 80 oct.Trees S,W,NE.
Herlong (Jacksonville, Fla)	10.5 WSW	87	40h S4	80,91 oct. No sto.
Homerville Flight Strip (Ga)	2.5 NW;hwy NE	185	40h	
JACKSONVILLE Range (Fla)	344 (JX)(116.1)	269°,1.7	SBRAZ-DTV	(3); 116.1, 122.1
JACKSONVILLE Tower (Fla)	278 (126.18,118.5)		AC (ILS)	(4);122.5,126.18,118.5
(P) Jacksonville #1 (Fla)	6.3 N;RR W	52	70h L6 S4	80,91 oct.
JACKSONVILLE NAS Range (Fla)	365 (NIP)	89°,3.1	MRLZ'	
JACKSONVILLE NAS Tower (Fla)	323 (126.18,142.74)		CN	(3); 126.18, 142.74
JACKSONVILLE NAS (Seaplane Tower) (Fla)	2870		CN	2870,3105 (avail.during working hrs. and on 1 hr's advance notice).
(N) Jacksonville NAS (Fla) (N)	7.2 S;riv E,N	20	60h L5 S6	91, 100 oct. NATS.
Jasper, 43, NO-JX (Fla)	3.5 SSE;RR NE	148	36 L3	Poles W. P-line NE.
John R. Alison (Gainesville, Fla)	See Gainesville Mun under "New Facilities" -			name changed.
(P) Kay Larkin (Palatka, Fla)	3 WNW;RR N	56	50h L5 S1	91 oct.
(A) Keystone (Keystone Heights, Fla) (A)	4.5 NNW;RR W	192	50h	CLOSED.
(N) Lake Butler OLF (Fla) (N)	2 SSW;RR NW	131	60h	
Lake City (Fla)	3.7 ESE;RR S	201	60h S2	80 oct.
Lake Jackson (Tallahassee,Fla)	9 NNW;riv NW	250	30 S4	80 oct. No sto.
(A) Lake Park #2 (GA)(A)	1 SSW;hwy N	220	48	TMP INACT.NO FACS.
LEE OLF GCA (Fla)			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Springs, Fla) (N)	2.2 SE; riv N	22	51h	
Live Oak (Fla)	1 W;RR W	105	26 S1	80 oct.P-line N,NE,SW.
MAYPORT CGAS (Fla)				DECOMMISSIONED.
(CG) Mayport CGAS (Fla) (CG)	0.6 NNE;riv N	19	43h	INACTIVE.
(N) Middleburg OLF (Fla) (N)	3 NNE;rus E,SE	34	32	
(A) Montbrook AAF (Williston,Fla)	3.2 SSW;hwy E	70	70h	CLOSED. (A)
Monticello (Fla)	1.5 SW;hwy E	160	25	
(A) Moody (Valdosta,Ga) (A)	11.5 NNE;RR W	233	50h	TMP INACT.NO FACS.
(A) Moultrie (Ga) (A)	7 S;hwy NW	287	40h	CLOSED.
Nashville (Ga)	1.3 ENE;RR S	236	16 S6	80 oct.
Northside (Moultrie, Ga)	3.2 NNW;RR W	300	30 S4	80 oct. No sto.
Perry (Fla)	2 S;RR E	45	50h S2	80, 91 oct.
Pierson Memorial (Fla)	0.5 N;hwy ,RR W	70	21	
Quincy (Fla)	1.5 NE;hwy S	212	35 S6	80 oct. SE,WSW blkd.
(A) Rocky Ford #1 (Valdosta,Ga)	16 SW;hwy N	220	50h	CLOSED. (A)
St. Augustine (Fla)	4 NNW;hwy W	10	42h S1	80, 91 oct.
St. Marys (Ga)	1.7 NNW;riv S	24	50h	Cattle on fld.
ST. SIMONS ISLAND NAS Tower (Ga)				DECOMMISSIONED
(N) St. Simons Island NAS (Ga)(N)	6 E Brunswick	19	41h	Inactive.
Sawyer (Palatka, Fla)	2.6 S;RR SE	60	25	Trees NE,SW.
(P) South Georgia College (Douglas, Ga)	1.3 S;RR W	225	60 S6	Trees N,E,S.
Spence (Moultrie, Ga)	5 SE;hwy W	292	50h S6	Pwrline E.
Stengel (Gainesville, Fla)	4 WSW;RR SE	70	47 S6	80, 91 oct.
(N) Switzerland OLF (Fla) (N)	1.5 SE	31	40h	80, 91 oct.
TALLAHASSEE Rng(Dale Mabry)	335 (TJ)(116.1)	85°,2.7	SBRAZ-DTV	(3); 116.1, 122.1 (Fla)
(P) [Taylor] (Ocala, Fla)	1 SW;RR NE	72	40h L5 S6	80,91 oct. No flood lgts.
Tennile (Fla)	2.2 SSW;rd E	35	20	Trees SW.
(A) Thomasville AAF (Ga) (A)	8.5 ENE;hwy S	264	50h	CLOSED.
Thomasville com. (Ga)	1 SW;RR N	250	42 S4	80 oct, Trees sur fld.
Three "B" (Fitzgerald,Ga)	1.5 N	515	27 S6	80,91 oct.
Tifton Mun. (Ga)	2.3 SE;hwy W	343	50h L5 S6	80,91 oct. Lgts prior req.
Tomoka (Daytona Beach,Fla)	7.8 NW	29	40h	
(A) Turner (Albany, Ga) (A)	3.8 ENE;riv N	215	76h	TMP INACT.NO FACS.
Vada (Ga)	1.5 WNW;hwy E	140	40h	CLOSED.
Valdosta (Ga)	2.5 S;hwy E	215	56h S1	80 oct.
(A) Waycross AAF (Ga) (A)	4 NW;hwy E	141	50h	CLOSED.
(N) Whitehouse OLF (Jacksonville, Fla) (N)	13 W; RR S	102	40h L	B-2 lgts.
Williams (Jacksonville, Fla)	3.3 WNW;RR E	25	31 S6	80 oct.No sto.P-line E. Data unver.
Witt (Lake City, Fla)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

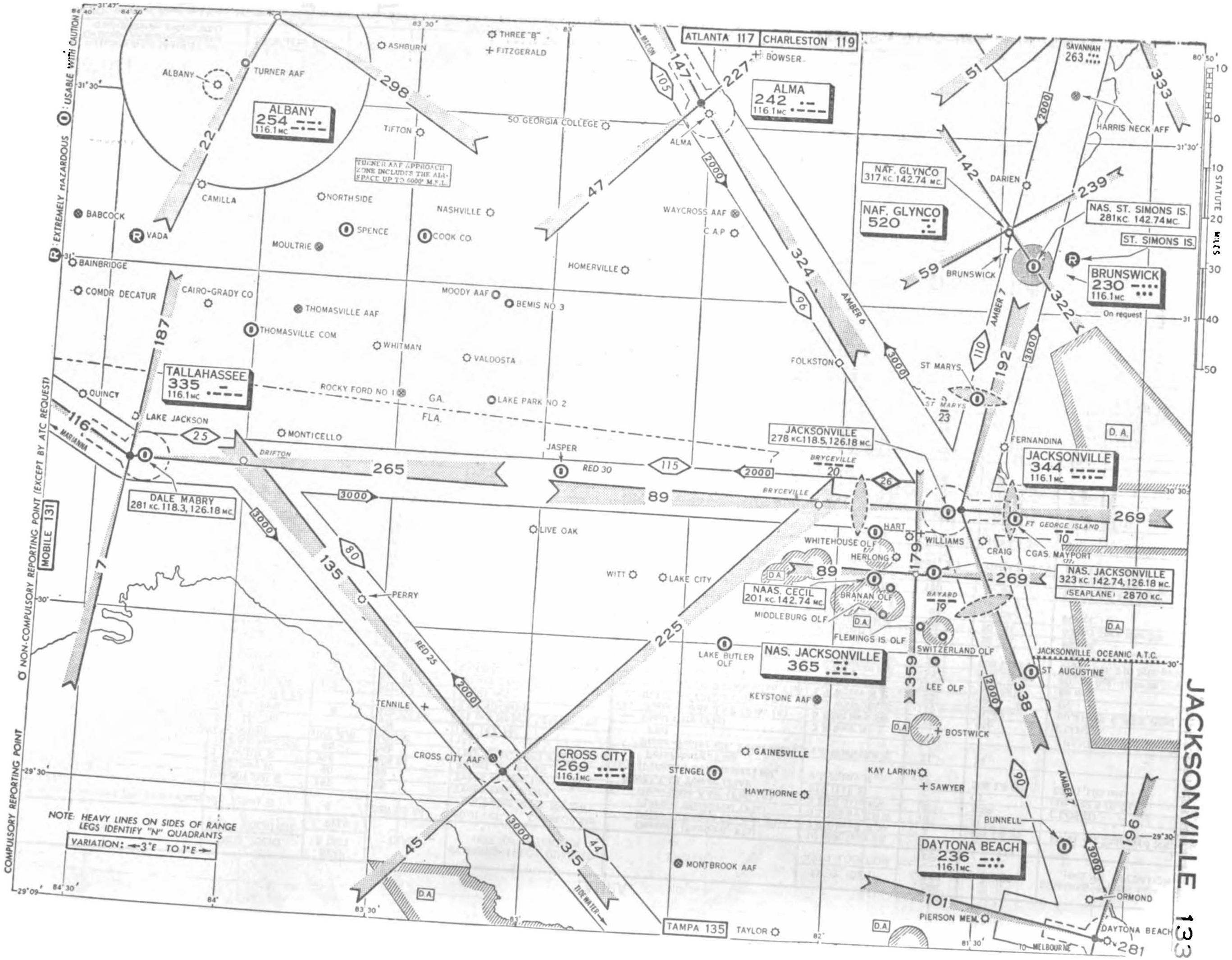
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
JACKSONVILLE	110.3	335	44°	IM-	MM- (0.66)	OM- (4.60)
				MMK-209		OMK-251
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Cairo-Grady Co. (Ga)	3.3 ENE	245	21	Trees SW. W. Rough
Camilla (Ga)	1.4 NW;hwy S	180	21 S1	80 oct.P-line SW,trees NE.
Whitman Flgt Strip (Ga)	2.4 NW;pond 0.5 E	180	19 S1	80 oct.
Gainesville Mun (Fla)	4.5 NE;RR W	155	50h L5 S2	80,91 oct.Lgts prior req.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ATLANTA 117 CHARLESTON 119
ALBANY 254 116.1 MC
ALMA 242 116.1 MC
TALLAHASSEE 335 116.1 MC
CROSS CITY 269 116.1 MC
JACKSONVILLE 278 KC. 118.5, 126.18 MC.
JACKSONVILLE 344 116.1 MC
NAS. JACKSONVILLE 365
NAS. JACKSONVILLE 323 KC. 142.74, 126.18 MC. (SEAPLANE) 2870 KC.
NAF. GLYNCO 317 KC. 142.74 MC.
NAF. GLYNCO 520
NAS. ST. SIMONS IS. 281 KC. 142.74 MC.
BRUNSWICK 230 116.1 MC
DAYTONA BEACH 236 116.1 MC
DALE MABRY 281 KC. 118.3, 126.18 MC.
NAAS. CECIL 201 KC. 142.74 MC.
SAVANNAH 263
TAMPA 135
MOBILE 131
ALBANY
TURNER AAF
ASHBURN
THREE "B"
FITZGERALD
SO. GEORGIA COLLEGE
TIFTON
ALMA
BOWSER
BAINBRIDGE
COMDR DECATUR
CAIRO-GRADY CO
THOMASVILLE AAF
THOMASVILLE COM
MOODY AAF
BEMIS NO 3
HOMERVILLE
WAYCROSS AAF
C.A.P.
NORTH SIDE
NASHVILLE
SPENCE
COOK CO.
MOULTRIE
BABCOCK
VADA
CAMILLA
TURNER AAF APPROACH ZONE INCLUDES THE AIRSPACE UP TO 6000' M.S.L.
WHITMAN
VALDOSTA
QUINCY
LAKE JACKSON
ROCKY FORD NO 1
LAKE PARK NO 2
GA.
FLA.
MONTICELLO
JASPER
DRIFTON
MARIANNA
LIVE OAK
WITT
LAKE CITY
PERRY
TENNILE
CROSS CITY AAF
LAKE BUTLER OLF
KEYSTONE AAF
GAINESVILLE
STENGEL
HAWTHORNE
MONTBROOK AAF
TAYLOR
FOLKSTON
ST MARYS
DARIEN
BRUNSWICK
HARRIS NECK AFF
FERNANDINA
BRYCEVILLE
HART
WHITEHOUSE OLF
HERLONG
WILLIAMS
CRAIG
CGAS. MAYPORT
FT GEORGE ISLAND
BRANAN OLF
MIDDLEBURG OLF
FLEMINGS IS. OLF
BAYARD
SWITZERLAND OLF
LEE OLF
BOSTWICK
KAY LARKIN
SAWYER
BUNNELL
PIERSON MEM.
ORMOND
DAYTONA BEACH
TO MELBOURNE
ST AUGUSTINE
JACKSONVILLE OCEANIC A.T.C.
D.A.
TIDEWATER
298
22
47
105
147
227
51
333
142
239
59
324
322
187
116
265
89
269
135
225
359
338
315
45
96
192
110
115
80
44
90
99
101
117
2000
3000
AMBER 6
AMBER 7
RED 25
RED 30
On request
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 3°E TO 1°E
STATUTE MILES
JACKSONVILLE 133

TAMPA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Whitted (St. Petersburg Fla)	adj. E; bay E	6	33h L3 S6	80,91 oct. Coast Gd.Stn adj Poles,stack NW,SW.
Altoona (Fla)	0.6 NW;RR E	155	25	Trees ends strips
Arcadia (Fla)	2 SE;hwy W	60	30	Trees around fld.
Avon Park (Fla)	1.5 W;RR E	156	40h S1	80 oct. Trees SE.
(A) Avon Park AAF (Fla) (A)	11 ENE;lake NW	65	54h	TMP INACT.NO FACS.
BANANA RIVER Navy Range(Fla)	524 (NPB)	106°,4.6	MRLZ	(3)
BANANA RIVER NAS Tower(Fla)	224 (142.74)		CN	(3); 142.74
(N) Banana River NAS (Fla)(N)	11 SE Cocoa	9	40h L5 S6	91 oct.No bcn Lgts on req.
→ Barberville (Fla)	1 SE;bet RR & rd			ABANDONED
Bartow (Fla)	5.5 NE;RR NW	128	50h L5 S2	80,91 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct.Trees W.Poles SW.
(A) Brooksville AAF (Fla) (A)	7.5 SW;hwy E	70	70h	CLOSED.
Bunnell (Fla)	3.3 E	34	50h	
Cannon Mills (Orlando,Fla)	3.8 E;hwy N	105	41 S6	80 oct.No sto.
Carlstrom (Arcadia, Fla)	7 SSE;hwy N	56	53	
→ Cedar Keys (Fla)	1 W;bay S	6	25h	
→ Clearwater (Fla)	2.5 NE;hwy S	73	30 S6	80,91 oct. Trees W.
Cocoa (Fla)	1 N;RR E	20	26 L1	P-line E;trees S,W.
(A) Conners (Okeechobee,Fla)(A)	2.5 NW;RR S	34	50h	CLOSED
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) Daytona Beach (Fla)	2.8 SW;hwy S	34	41h L5 S6	80, 91 oct.
Deland (Fla)	2.5 NNE;hwy S	80	60h L5 S1	87, 91 oct.
Dorr (Arcadia, Fla)	11.5 E;hwy N	74	53	
DREW Tower (Fla)	278 (126.18, 118.5)		AC	(4); 126.18,118.5,122.5 No bndry lgts.
(P) [Drew] (Tampa, Fla)	5 W;bay SW	26	70h L5 S6	80,91,100 oct.Rdo rec rqrd.
(A) Dunnellon AAF (Fla) (A)	4.5 E;hwy S	66	50h	CLOSED.
Ellenton (Fla)	1.5 NNW;RR N	18	15	P-line NE;trees SW.
Fette Aircraft Service (Fla)	2 S;RR E	19	50h L S6	80, 91 oct. No bcn.
Fort Pierce, com. (Fla)	3.3 SSE;RR E	18	26 L1 S6	80 oct. P-line W.
(P) Fort Pierce, mun. (Fla)	3.5 NW;hwy E	24	50h	
Frank D. Waterman (Eustis, Fla)	0.9 SSW;lake NNW	81	23 S1	80 oct. Poles SW,N,W.
→ Gilbert (Winter Haven, Fla)	3.5 NNW;RR N	135	40h S6	80, 91 oct.
Gray's (Leesburg, Fla)	5 N;RR,hwy W	130	27 S6	80 oct. Orange groves W.
Haines City (Fla)	1 NW	175	20 L1	
(P) Hendricks (Sebring, Fla)	6.5 ESE;RR N	62	50h	
→ Hidden Acres (Clarcona,Fla)	1.5 WNW;lake W	93	27 S5	80 oct. E blkd.
(A) Hillsborough AAF (Tampa,Fla)	7 NNE	67	50h	CLOSED (A)
→ Hoequist (Orlando, Fla)	3.8 SW; hwy E	90	20 S4	80 oct.
Honeymoon Island (Dunedin)	2.5 W		30	Data unver. (Fla)
Kerlin (Minneola, Fla)	0.5 NE	100	18 S2	80 oct.
(P) Kissimmee (Fla)	2 W; RR N	82	50h L5 S4	80 Oct. No bndry,flood lgts
(A) Lakeland AAF (Fla)(A)	4.5 SW;RR NE	142	50h	CLOSED.
[Lakeland Mun. #1] (Fla)	2.1 N;lake E	159	35h L5 S6	80,91 oct.Ctc lgts on prior req. till 2400.
→ Lake Wales (Fla)	2.3 WSW;RR N	125	40h L3 S6	80, 91 oct.
(A) Leesburg AAF (Fla) (A)	4 ENE;RR SE	67	50h	CLOSED.
→ Ludwig Sky Harbor (St.Petersburg, Fla)	See Sky Harbor Airport under "New Facilities" - name changed.			
MAC DILL Tower (Fla)	227 (126.18)+		CA (ILS-W)	(3); 126.18. ◆:00.20
(A) MacDill (Tampa, Fla) (A)	8 SSW;bay NE	9	100h L5 S6	73-100 oct.JP-1.No sto.
(N) Malabar OLF (Fla) (N)	7 WNW	27	40h	
MELBOURNE Range (Fla)	257 (OU)(116.1)	158°, 2.3	SBRAZ-DTV	(4); 116.1, 122.1
Melbourne-Eau Gallie (Fla)	2.2 NW;RR E	26	43h L5 S6	80,91 oct. Lgts on req.
(A) Montbrook AAF (Williston, Fla) (A)	3.2 SSW;hwy E	70	70h	CLOSED.
New Smyrna (Fla)	3 NNW;RR W	12	50h S6	80,91 oct.
ORLANDO Range (Fla)	206(OR)(116.1)	220°,3.4	BMRLZ-DTV	(3); 116.1, 122.1
ORLANDO Tower (Fla)	278 (126.18, 118.7)+		C	(4); 118.7,122.5,126 18
(A) Orlando AAB (Arpt)(Fla)	2.5 E;lake SE	115	55h L5 S6	91 oct;100 oct.mil.acft.No sto
Orlando Aviation Country Club (Winter Park, Fla)	1 NW;lake S	100	21 L S6	80 oct.Flood lgts prior req.P-line N.
Osceola (Sanford, Fla)	10 SSE;lake SE	25	40h	
Peter O.Knight (Tampa,Fla)	3.7 S;bay S,E,W	8	40h L5 S6	80,91 oct.Shipyard NE.
Pierson Memorial (Fla)	0.5 N;hwy,RR W	70	21	
(A) Pinecastle AAF (Fla) (A)	3 ESE;lake NW	95	100h	CLOSED.
PINELLAS Tower (Fla)	317 (118.3)		CI	(4); 122.5 (8-24)
(P) [Pinellas Co. Master] (St. Petersburg, Fla)	9.5 N;bay N	12	50h L5 S6	80,91,100 oct.
Piper-Fuller (St. Petersburg, Fla)	4.8 WNW;RR E	21	32	
→ Plant City (Fla)	3 E;hwy N			ABANDONED
(A) Punta Gorda AAF (Fla) (A)	5 ESE;hwy SW	22	50h	CLOSED.
→ Robinson (Plant City, Fla)	1.5 WSW;RR E	110	21 S6	80,91 oct E,ESE Blkd
(N) Roseland OLF (Sebastian,Fla)	1.7 W;riv N,E	23	40h	(N)
Ryan (Apopka, Fla)	1 N;lake NW	104	28 S6	80 oct.
Sanford (Fla)	2.5 SE;lake N,S	57	60h L5 S6	80, 91 oct. Lgts on req.
(P) [Sarasota-Bradenton] (Sarasota, Fla)	3.5 NNW;hwy W	24	50h L5 S6	80,91 oct. Fld lgts prior req.
Sarasota, com. (Fla)	2.5 E;RR S	25	28 S1	80 oct.
Sebring (Fla)	4 SW;lake NE	200	20 S1	80 oct.Pwr line SW.
Showalter Arpk (Winter Park) (Fla)	1 E;RR S	91	24 S4	80 oct.
→ Skyland (Lakeland, Fla)	1.9 WNW;RR S	170	21 S6	80 oct.No sto.Trees S.
→ Skyport (Dunedin, Fla)	1.5 N;RR E	4	30 L2 S6	80 oct. No bcn. S Blkd.
TAMPA Range (Fla)(Peter O. Knight)	388(TM)(116.1)	55°, 2.7	SBRAZ-DTV	(4); 116.1, 122.1
(P) [Taylor] (Ocala,Fla)	1 SW;RR NE	72	40h L5 S6	80,91 oct. No flood lgts
(P) Titusville-Cocoa(Titusville)	6 S;riv E	35	50h L5 S6	80 oct. (Fla)
→ * Titusville Int,20,MM-AG(Fla)	1.3 NW;RR E	28	26 L3	
Tomoka (Daytona Beach, Fla)	See Ormond under "New Facilities" - name changed.			
(N) Valkaria OLF (Melbourne,Fla) (N)	8 SSE;RR E	26	40h	
(P) Venice, mun. (Fla)	0.5 SE;RR E	20	36 S2	80 oct.
VERO BEACH H Fac. (Fla)	359(VB)(116.1)		MHTV	(4); 116.1
→ [Vero Beach] (Fla)	1 NW;RR E	24	75h S1	91 oct,Airlines only exc in emerg
Wauchula (Fla)	2.1 E;riv W	120	21	Trees N,E,NE
Wimauma (Fla)	0.8 ESE;RR W	35	36	Cattle on fld. Bldg W
(P) Witham (Stuart, Fla)	1.5 SE;RR SW	17	50h L S1	80,91 oct. Lgts prior req.
(P) Zephyrhills (Fla)	1.5 ESE;RR W	92	50h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

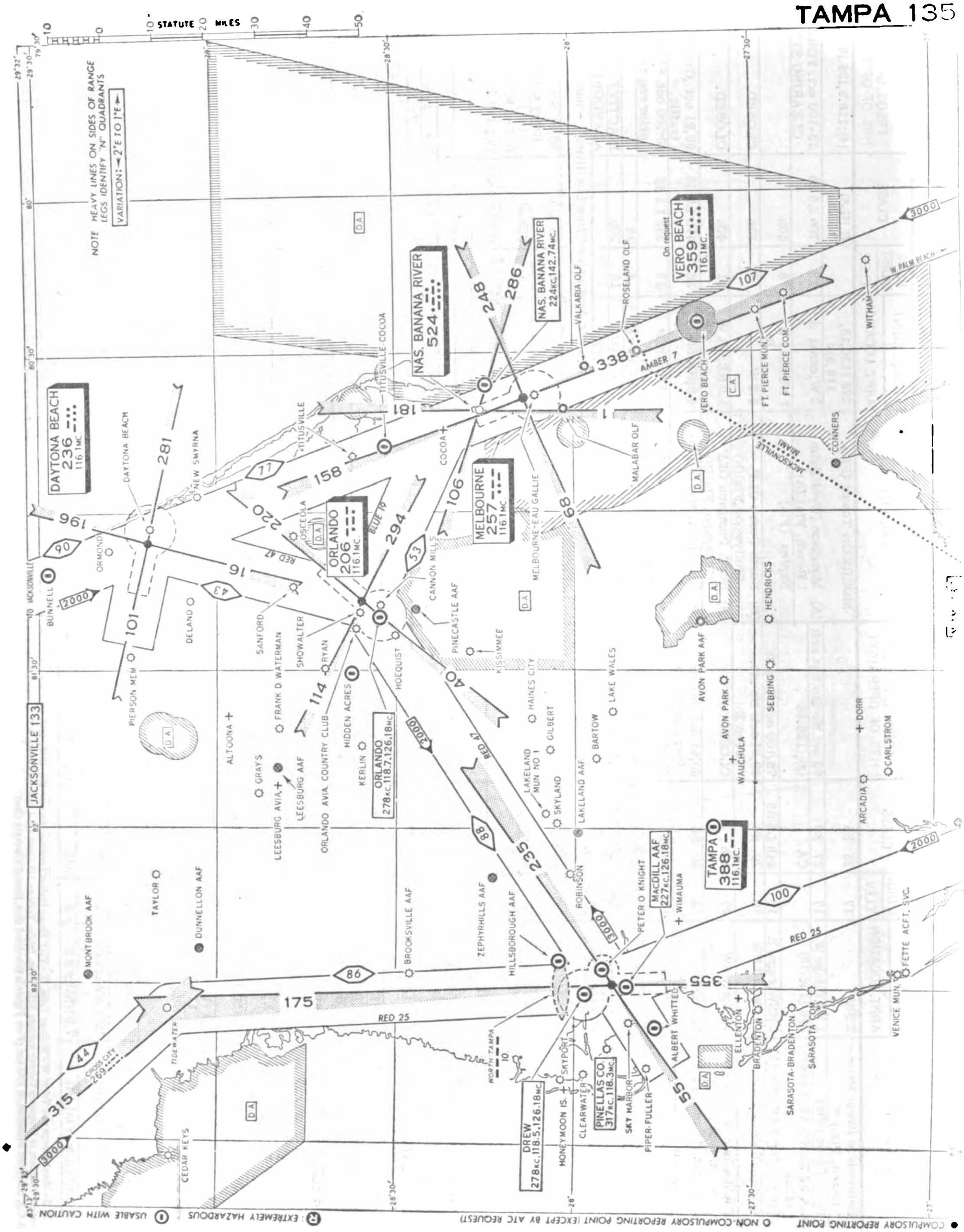
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MacDILL (A)	110.3	335	217°	IM- (0.07)	MM- .....(1.09)	OM- – –(5.03)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Leesburg Aviation Center (Fla)	1 N;hwy W,lake E.	175	15h S1	80 oct.Trees W. Use rnwys only.Data unver.
Ormond (Fla)	7.8 NW	29	40h	
→ Sky Harbor (St.Petersburg,Fla)	6 NE;bay E	8	28 S6	80 oct.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3106, 4495, 6210 kcs. (4) – 3106, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) →← New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


STATUTE MILES
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
DAYTONA BEACH 236 116.1MC.
NAS. BANANA RIVER 524
NAS. BANANA RIVER 224KC,142.74MC.
VERO BEACH 359 116.1MC.
On request
ORLANDO 206 116.1MC.
MELBOURNE 257 116.1MC.
ORLANDO 278KC.118.7,126.18MC.
MACDILL AAF 227KC.126.18MC.
TAMPA 388 116.1MC.
DREW 278KC.118.5,126.18MC.
PINELLAS CO. 317KC. 118.3MC.
JACKSONVILLE 133
DAYTONA BEACH
NEW SMYRNA
TITUSVILLE
COCOA
VALKARIA OLF
ROSELAND OLF
MALABAR OLF
VERO BEACH
FT. PIERCE MUN
FT. PIERCE COM.
WITHAM
W. PALM BEACH
CONNERS
JACKSONVILLE MIAMI
ORMOND
BUNNELL
DELAND
PIERSON MEM
SANFORD
SHOWALTER
FRANK D WATERMAN
LEESBURG AVIA
LEESBURG AAF
GRAYS
ALTOONA
ORLANDO AVIA. COUNTRY CLUB
RYAN
HIDDEN ACRES
KERLIN
HOEQUIST
OSCEOLA
BLUE 16
RED 47
CANNON MILLS
PINECASTLE AAF
KISSIMMEE
HAINES CITY
GILBERT
LAKELAND MUN NO 1
SKYLAND
LAKELAND AAF
BARTOW
LAKE WALES
AVON PARK AAF
AVON PARK
WAUCHULA
SEBRING
HENDRICKS
DORR
ARCADIA
CARLSTROM
MELBOURNE-EAU GALLIE
ROBINSON
PETER O KNIGHT
WIMAUMA
RED 25
RED 47
MONTBROOK AAF
TAYLOR
DUNNELLON AAF
BROOKSVILLE AAF
ZEPHYRHILLS AAF
HILLSBOROUGH AAF
TIDEWATER
CEDAR KEYS
NORTH TAMPA
HONEYMOON IS.
SKYPORT
CLEARWATER
SKY HARBOR
PIPER-FULLER
ALBERT WHITTED
ELLENTON
BRADENTON
SARASOTA-BRADENTON
SARASOTA COM.
VENICE MUN.
FETTE
CROSS CITY 269
D.A
C.A
3000
2000
1000
107
68
40
53
106
294
158
220
196
281
248
286
338
AMBER 7
181
77
90
16
43
101
114
88
235
86
175
44
315
100
355
55
R: EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Belvedere (West Palm Beach, Fla.)	2 SW	17	25 S5	
Belle Glade (Fla)	1 NNE;lake W	17	27 S6	73 oct.No sto.Lgt acft.
BOCA RATON AAF Tower (Fla)	396 (126.18)		CA	(3); 126.18
(A) Boca Raton AAF (Fla)(A)	2 NNW;canal E	13	64h L5 S6	73,100 oct. Twr SE.
Brown (Miami, Fla)	10 SW;RR NW	10	20 S6	80,91 oct. No sto. Trees E.
(A) Buckingham AAF (Fort Myers, Fla) (A)	10 E;riv SW	25	54h	CLOSED.
Chapman (Miami, Fla)	11.5 SSW	3	40 S6	80,91 oct. No sto. Pwr line W. RR W
Clewiston (Fla)	1.6 SW;RR N	19	30 S6	80,91 oct.P-line N,E,S, W.
(N) Forman OLF (Fort Lauderdale, Fla)	See Ft. Lauderdale-Davie Arpt under "New Facilities" - name changed.			
Fort Lauderdale	See West Prospect Arpt under "New Facilities" - name changed.			
(N) Fort Lauderdale NAS (Fla) (N)	3.5 SSW;RR W	10	50h	CLOSED
FORT MYERS Range (Fla) (Page)	341(FM)(116.1)	38°,3.6	SBRAZ-DTV	(4); 116.1
(P) Homestead, mun. (Fla)	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Airfield (Fla) (A)	1.3 ENE;RR W	20	50h	CLOSED.
★ Immokalee Int, 13, TM-MM (Fla)	5.25 SE;RR SW	23	38 L2	
KEY WEST Range (Fla)	332(KW)(116.1)	70°,5.8	SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower (Fla)	396 (142.74)		CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane) **Tower** (Fla) (NC)	272 (142.74)		CN	3105;142.74 (prior req.)
(N) Key West NAS (Fla)(N)	7 ENE	5	70h L5 S4	91,100 oct.No sto.
Lake Worth (Fla)	2 W;hwy N	12	28 S1	80 oct.
MacArthur (Hollywood, Fla)	See Hollywood under "New Facilities"-name changed.			
Marathon (Fla)	1.8 ENE;hwy S	6	100h	
MASTER NAS Tower (Fla)	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master NAS (Miami,Fla)	8 NNW;RR W	9	74h L5	Pwr line SE. (N)
[Meacham] (Key West,Fla)	2.3 E;ocean S	4	40h S1	80,91 oct. ARPT OF ENTRY.
MIAMI Range (Fla) (International)	365(MM)(vhf)	270°,2.3	SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL **Tower** (Fla)	278 (126.18, 118.5)		AC	(4); 122.5,126.18,118.5
(A) [Miami International - AAF] (Fla)	5.5 NW;RR S	9	74h L5 S6	91,100 oct. JP-1. FEE 2-way rdo rqrd. ARPT OF ENTRY.
Miami Aviation Center (Miami, Fla)	7.5 NNE;bay E	8	25h S6	80,91 oct. No sto.
(N) Miami NAS (Fla) (N)	10.7 NW;canal N	9	60h	CLOSED.
(N) Miami OLF (Fla) (N)	7.9 NNW;RR E	9	36h	CLOSED
MORRISON Tower (Fla)	278 (126.18, 118.9)+		C (ILS)	(4);118.9,126.18,122.5
(A) Morrison (West Palm Beach, Fla) (A)	2 W;canal S	18	70h L5 S5	73-100 oct. FOREIGN CLEARING STN.
Naples (Fla)	2 NE;RRs E, W	8	50h	
(N) North Perry OLF (Hollywood,Fla)(N)	6.3 W	9	32h	CLOSED.
(N) North Pompano OLF (Pompano, Fla)(N)	1.5 NE;RR W	21	40h	CLOSED.
(P) [Page] (Ft. Myers,Fla)	4 S;RR SE	18	51h L5 S6	80,91 oct. Ground traffic.
→ Palm Beach County Park (Lantana, Fla)	2 WNW;lake N, E	13	35h L5 S6	80-100 oct. Fld lgts on prior req.after 2300
Punta Gorda, mun. (Fla)	3 SSE;hwy E	4	24	
(N) Richmond NAS (LTA)(Fla)	15 SW Miami	13	20h	INACTIVE. (N)
→ Riddle (Clewiston,Fla)	7.6 W;hwy N			ABANDONED.
(P) South Dade County (Homestead, Fla)	**See Homestead Arpt under "New Facilities" - name changed.**			
Sunny South (Miami,Fla)	6 N;hwy N	12	40 S6	80,91 oct. No sto. Rnwy data unver.
→ Tamiami (Miami, Fla)	12 W	8	35h S6	80,91,100 oct.No sto. P-line N,W
WEST PALM BEACH Range (Fla) (Morrison)	209 (DWZ) (116.1)	89°,2.4	BMRAZ-DTV	(3); 116.1, 122.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

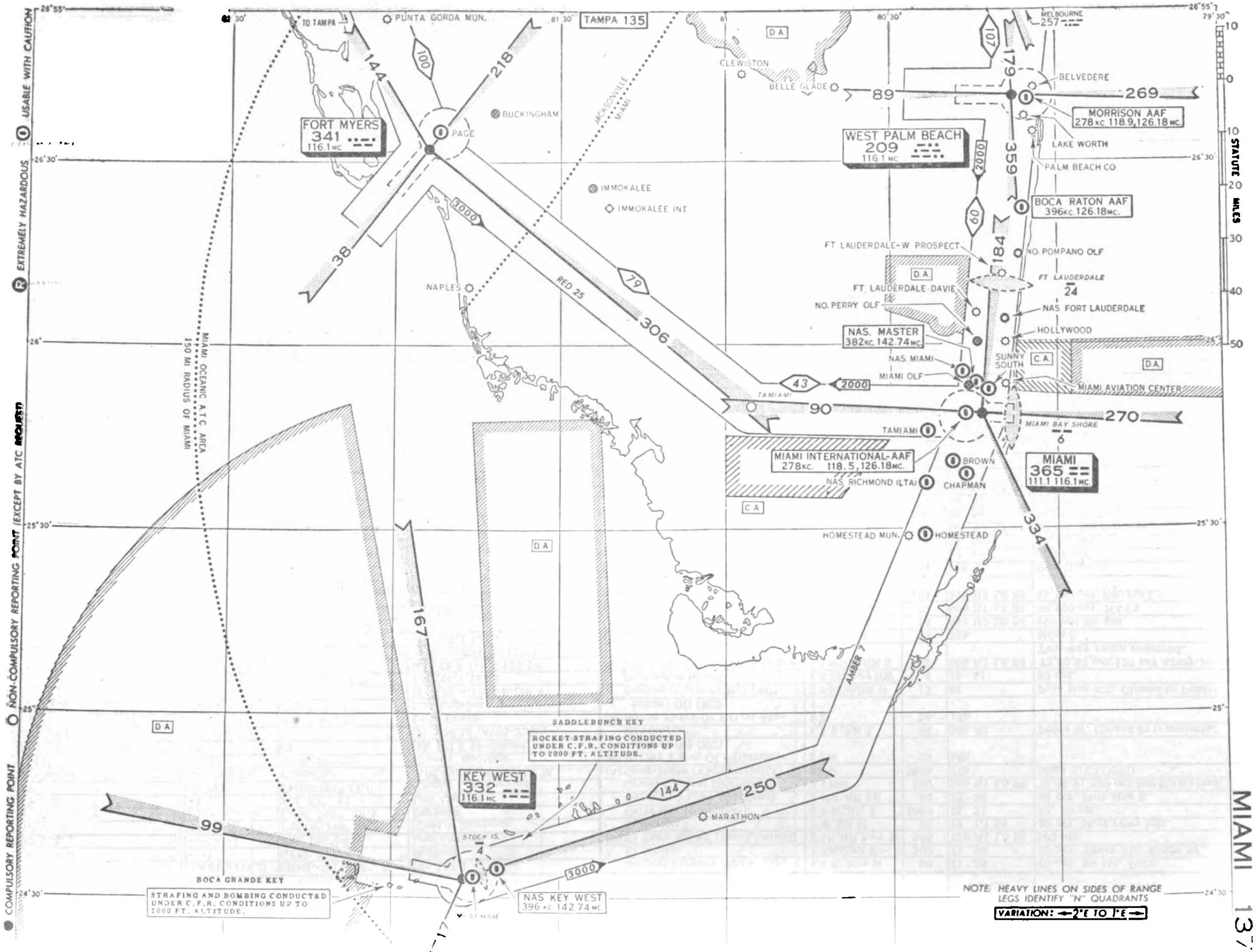
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MORRISON (A)	110.3	335	90°	IM -	MM- ·····(0.61)	OM- --(4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Ft. Lauderdale-Davie (Fla.	6.5 WSW	7	32h S2	91 oct.
West Prospect (Ft. Lauderdale,Fla)	6 NNW;RR SE	14	40h	
Homestead (Fla)	5 E	8	60h L5 S6	80,91 oct. Landing fee.
Hollywood Arpk Inc.(Fla.)	1 SW;RR E	12	23 S4	80,91 oct. Data unver.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
TAMPA 135
TO TAMPA
PUNTA GORDA MUN.
FORT MYERS 341 116.1 MC
PAGE
BUCKINGHAM
IMMOKALEE
IMMOKALEE INT
NAPLES
JACKSONVILLE MIAMI
RED 25
MIAMI OCEANIC A.T.C. AREA 150 MI RADIUS OF MIAMI
CLEWISTON
BELLE GLADE
MELBOURNE 257
BELVEDERE
MORRISON AAF 278 KC 118.9,126.18 MC
WEST PALM BEACH 209 116.1 MC
LAKE WORTH
PALM BEACH CO
BOCA RATON AAF 396 KC 126.18 MC.
FT. LAUDERDALE-W PROSPECT
NO. POMPANO OLF
FT. LAUDERDALE
FT. LAUDERDALE-DAVIE
NO. PERRY OLF
NAS. FORT LAUDERDALE
NAS. MASTER 382 KC 142.74 MC.
HOLLYWOOD
NAS. MIAMI
MIAMI OLF
SUNNY SOUTH
MIAMI AVIATION CENTER
TAMIAMI
MIAMI BAY SHORE
MIAMI INTERNATIONAL-AAF 278 KC. 118.5,126.18 MC.
NAS. RICHMOND (LTA)
BROWN
CHAPMAN
MIAMI 365 111.1 116.1 MC
HOMESTEAD MUN.
HOMESTEAD
SADDLEBUNCH KEY
ROCKET STRAFING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 2000 FT. ALTITUDE.
KEY WEST 332 116.1 MC
STOCK IS.
MARATHON
BOCA GRANDE KEY
STRAFING AND BOMBING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 2000 FT. ALTITUDE.
NAS KEY WEST 396 KC 142.74 MC
WAHOO
AMBER 7
D.A.
C.A.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
STATUTE MILES
MIAMI 137

[redacted] CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - . - -)	FM, 322°, 41	Los Angeles.
→ CHATSWORTH	341 (L)	FMHW;276°,10.5	(Cont.) Burbank
CHATSWORTH LFM	(. . - - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
→ DOWNEY	379 (V)	FMHW;77°,11.0	(Cont.) Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN(GCA)	3105,4495;126.18,142.74
→ GLENDALE	371 (S)	MHW;97°,7.3	(Cont.) Burbank
GRAND CENTRAL (Glendale)	201	CI	(4); 122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CI	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV	(3);116.1,122.1
Long Beach Airport	347(126,18,118.5	AC; 298°, 3.9	(4);122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach	317(142.74)	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV ;244°,3.8	(3); 116.1,122.1
Los Angeles Airport	272(126.18,118.9)	AC(ILS-W)	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR; 88°, 2.0	
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV;317°,0.1	(4); 116.1
ONTARIO AIRPORT	219(126,18,116.1)	CI	(4);126.18,116.1,122.5 (8-18)
SANTA ANA (Navy)	359(NTK)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req)
SANTA MONICA AIRPORT	353(126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	(3); 142.74 (flying hours)
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (730-1530, except Sat. & Sun)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LOS ANGELES,	109.9	333.8	247°	IM-	MM-	OM-	(2.45)
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS CALIFORNIA

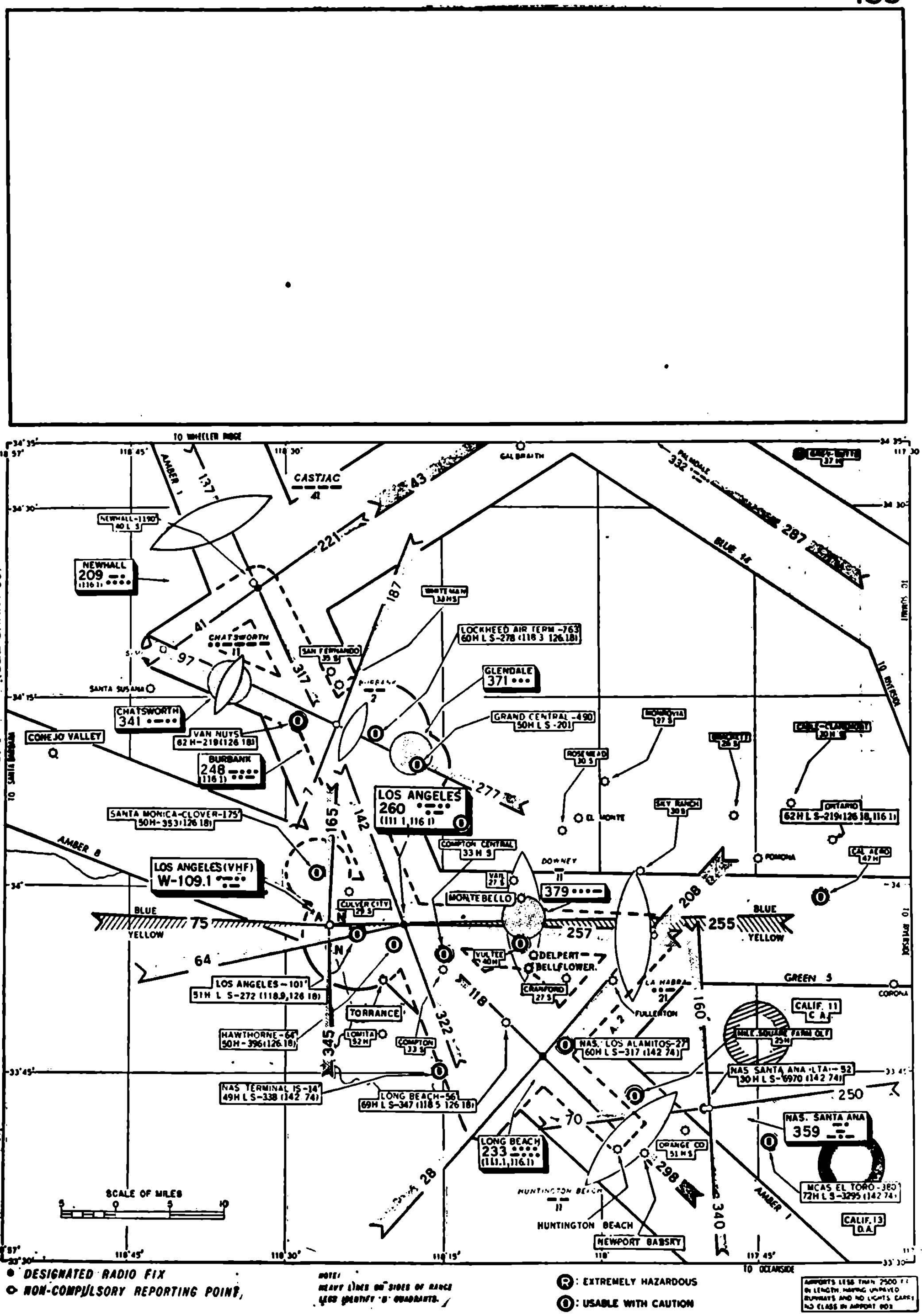
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys S,E	1010	26 S6	80 oct. Pence W.
Cable-Claremont	1.8 ENE;RR E	1400	30h S4	80,91 oct.
Cal Aero (Ontario)	5 SSE;hwy W	625	47h	Restricted to W.A.A.
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct. Rdo & instr rprs. Rnwy data unver.
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct. No sto. P-lines NE.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct. P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	21 S6	80 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana)(N)	5 SE,RR,hwy W	380	72h R1 L5 S4	100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct. Bet RR & river.
(A) Grey Butte (Victorville)(A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54	17h	
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. Closed to Public.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(NG) LOCKHEED AIR TERM. (Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91 oct;100 oct Army. No sto. Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	100 oct. No sto.
(N) Los Alamitos NAS (Long Beach)	6 E: hwy N	27	60h R1 L5 S4	80,100 oct, NATS
(P) Los Angeles (N)	9.5 SW;RR E	101	51h R3 L6 S6	91,100 oct. Rdo rqrd.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
Monrovia (N)	0.5 SE;RR S	500	27 S6	80,91 oct.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int, 3A, LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
(P) Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	53	51h S6	80-100 oct.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;riv S	775	20 S6	80 oct.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. No sto.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	52	30h R2 L4 S4	91,100 oct. No sto. Rnwy data unver
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No bcn. Lgts prior req.
Santa Susana	0.5 S;RR N	955	19 S6	73 oct. No sto. Pwrline W.
Sky Ranch (Puente)	1.3 E;RR S	402	30 S4	80 oct. No sto.
(N) Terminal Isl. NAS (San Pedro)(N)	2 ENE	14	49h R1 L6 S4	80,100 oct
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct. Port rnwy lgts. Rdo rprs.
(NG) Van Nuys Metropolitan	2.8 NW;RR N	800	62h R1	Ltd 100 oct.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW. RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct. Pole line NNW,NE,SW.

NEW AIRPORTS


LOS ANGELES AREA
(SEE CHART 99)
10 WHEELER RIDGE
CASTIAC
41
GAL BRAITH
NEWHALL-1190
40 L S
NEWHALL
209
(116.1)
AMBER 1
137
43
221
332
287
BLUE 14
10 RIVERSIDE
CHATSWORTH
11
97
41
317
187
SAN FERNANDO
35 S
LOCKHEED AIR TERM -763
60H L S-278 (118.3 126.18)
GLENDALE
371
SANTA SUSANA
CHATSWORTH
341
CONEJO VALLEY
VAN NUYS
62 H-219(126.18)
BURBANK
248
(116.1)
GRAND CENTRAL -490
50H L S -201
ROSEMEAD
30 S
EL MONTE
SKY RANCH
30 S
ONTARIO
62H L S-219(126.18, 116.1)
CAL AERO
47 H
POMONA
LOS ANGELES
260
(111.1, 116.1)
277
165
142
SANTA MONICA-CLOVER-175
50H-353(126.18)
AMBER 8
LOS ANGELES(VHF)
W-109.1
COMPTON CENTRAL
33 H S
DOWNEY
11
379
MONTE BELLO
208
BLUE
75
YELLOW
CULVER CITY
29 S
VAN
27 S
255
257
BLUE
YELLOW
64
LOS ANGELES-101
51H L S-272 (118.9,126.18)
VULTEE
40 H
DELPERT
BELLFLOWER
CRAWFORD
27 S
LA HABRA
21
FULLERTON
GREEN 5
CORONA
CALIF. 11
C A
TORRANCE
LOMITA
32 H
COMPTON
33 S
345
322
118
160
HAWTHORNE-64
50H-396(126.18)
NAS. LOS ALAMITOS-27
60H L S-317 (142.74)
NAS SANTA ANA-LTA-92
30H L S-6970 (142.74)
NAS TERMINAL IS-14
49H L S-338 (142.74)
LONG BEACH-56
69H L S-347 (118.5 126.18)
250
70
NAS. SANTA ANA
359
LONG BEACH
233
(111.1, 116.1)
ORANGE CO
51 H S
298
28
340
AMBER 1
MCAS EL TORO-380
72H L S-3295 (142.74)
CALIF. 13
D A
HUNTINGTON BEACH
11
HUNTINGTON BEACH
NEWPORT BARSRY
SCALE OF MILES
5
0
5
10
10 OCEANSIDE
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS INDICATE "R" QUADRANTS.
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT
IN LENGTH, HAVING UNPAVED
RUNWAYS AND NO LIGHTS EXCEPT
NO CLASS IN AIRPORT BOX

DETROIT – CLEVELAND – NORFOLK

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ann Arbor (Mich)	4 S	835	28 L3 S6	80 oct. NE blkd.
Bedford (Ohio)	2 NE;hwy W	1060	17 S2	73 oct.
Berz (Birmingham,Mich)	1.5 E;RR SW	700	32 S2	80,91 oct. N blkd.
Big Beaver (Mich)	0.8 E;hwy W	650	21 S6	80 oct. Pwr line N.
Brooklyn (Cleveland,Ohio)	5.5 SW;RR S	780	26 S2	73 oct.
Burns (Detroit, Mich)	8.5 WSW;RR N	625	19 S6	80 oct.SW blkd.P-lineN
Chagrin Falls (Ohio)	3 E;hwy SW	1220	23 S4	80 oct.P-line N.
Chagrin Harbor (Willoughby, Ohio)	2.5 NNW	620	22 S6	80 oct.P-line W.
Chardon (Ohio)	2.8 S	1230	22 S4	80 oct.P-lines sur fld.
CLEVELAND Range (Ohio)	344(CV)(116.1)	100°,0.7	SBRAZ-DTXV	(3);116.1 Use strips.
CLEVELAND Arpt. Range	278		MLW	(Ohio)
CLEVELAND Tower (Ohio)	278(126.18,118.3)		AC (ILS-W)	(4);118.3,126.18,122.5
(A) Cleveland (Ohio)	8.5 SW;riv W	789	60h L6 S6	73,80,91,100 oct.JP-1. FEE.ARPT OF ENTRY
→ Cumberland(Portsmouth)	8 S	15	28 S4	80 oct.(Va).
→DETROIT H Fac. (Mich)	201 (D)	329°,2.2	MHW	(Cont.) Detroit
DETROIT CITY Tower	278 (118.5)		C	(4); 122.5
Detroit City (Mich)	5.5 NE;RR S	625	53h L4 S6	80,91 oct.Fee,com acft.ARPT OF ENTRY P-line N.
DETROIT NAS Tower(Mich)	269 (142.74)		CN	(3);142.74 (8-17)
(N) Detroit NAS (Mich)(N)	17 SSW	594	47h L5 S6	91,100 oct.P-line E.
→ELYRIA H Fac. (Ohio)	219 (S)	280°,10.9	FMHW	(Cont.) Cleveland
Elyria (Ohio)	1.6 SSW;bet RRs	745	27 S4	80 oct.Poles SSE,S.
Euclid Ave.(Willoughby Ohio)	1.5 WSW;RR N	640	26 S6	80,91 oct.P-line S,hi-line N.
(N) Fentress NAAS (Va)(N)	2.5 ESE;hwy N	16	25h	CLOSED.
Ford (Detroit, Mich)	8.8 SW;RR N	600	37h	PRIVATE.
(P) Franklin (Va)	1.7 NE	38	30h	
Garner's (Windsor,Va)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk,Va)	4.5 E;RR S	18	24	Twrs,pole-line SW.
Gridley (Ypsilanti,Mich)	4.4 WSW;hwy E	840	24 S5	80 oct.Pole E;woods N
Hance (Wyandotte,Mich)	2.5 W;hwy N,E	590	28 S6	80 oct. N blkd.
Hartselle Air Terminal (Wayne, Mich)	3.5 NW;RR E	675	18 S6	80 oct.P-line E;trees ENE,W,WSW,WNW.
Joy (Detroit, Mich)	13 NE;RR W	616	24 S6	80 oct. Trees SW
Krist-Port (Farmington, Mich)	3.8 N;jct rds	860	27 S6	80 oct.Obsts sur fld.
LANGLEY Army Range (Va)	221(DLY)(116.1)	102°,3.8	SBMRAPZ-DTV	(3); 116.1
LANGLEY Tower (Va)	278 (126.18, 116.1)+		CA (GCA)	(4); 126.18
(A) Langley Field (Va) (A)	3 N Hampton	10	70h L5 S6	73,91,100 oct. JP-1.
Lorain City (Lorain,Ohio)	2.8 W;RR N	610	31 S4	80 oct.P-line NE,SE.
Lorain Skyport (Lorain, Ohio)	2.5 W;lk N	610	29 S4	80,91 oct.P-line S,SE. SW corner unusable.
Lost Nation (Willoughby, Ohio)	3 N;lk NW	626	40 S6	80,91 Rnwy data unv. oct.Obsts sur fld. Rnwy data unver.
McEnnan (Ypsilanti,Mich)	2.7 SSW;rd E	738	23 S4	80 oct. Road S.
McKinley (Fraser,Mich)	1.3 NW;RR E	620	27	P-line E, NE.
→ Mettetal (Plymouth,Mich)	1.5 SSE;RR E	700	25	80 oct. P-line N,NE,SW,W
Mid City (Hudson,Ohio)	2 S;RR S	1080	31 S4	80 oct. Poles W,NW
Milan (Mich)	3.8 SW;RR SE	705	23 S2	80 oct. P-line N.
(N) Monogram NAAS (N)	2.8 W;riv W	21	45	INACT.(Drivers,Va)
Nan-Bar (Flat Rock,Mich)	0.7 ENE;RR N	590	28 S6	80 oct.Smudge pots prior req.Data unver.
Nat'l Fly.Svc.(Detroit,Mich)	11.5 WSW;RR N	635	29 S4	80 oct.Poles NE,NW.
(N) Newport OLF (Mich) (N)	3 W;hwy E	608	20h	
NORFOLK Range (Va)	239(NW)(116.1)	44°,3.3	SBMRLZ-DTV	(3); 116.1
NORFOLK Tower (Va)	269 (126.18, 118.3)		AC	(4); 122.5,126.18, 118.3
[Norfolk] (Va)	5 ENE;RR SE	22	50h L5 S4	80, 91 oct.
NORFOLK Navy Range (Va)	356 (NGU)	276°,2.9	BMRLZ	(East Field)
(N) Norfolk NAS (Chambers)	7 N;rd N	13	26h	CLSD.Use E.Fld.(N)
NORFOLK NAS Tower (East)	323 (142.74)		CN(GCA)	(3); 142.74
(N) Norfolk NAS (East)(Va)(N)	6 N;RR SW	15	43h L5 S6	91,100 oct.NATS.
NORFOLK NAS Tower (Seapl)	2870		CN	2870 (7-17 and on req)
OCEANA NAAS Tower (Va)	3295 (142.74)		CN	3105,4495;142.74 (745 ◆◆
(N) Oceana NAAS (Va) (N)	1 SW;RR N	20	60h L5 S4	91,100 oct.No bcn. 1830)
Ortner (Wakeman,Ohio)	4 NNE;RR S		26 S1	73 oct. Data unver.
Peninsula (Hampton,Va)	2 WSW;RR N	12	26 S4	80 oct.
Pungo (Va)	0.8 NE	15	25h	
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116.1
Roseville (Mich)	0.5 S;hwy W	610	31 S6	80 oct.SE,SW blkd.
Sky Haven (Northfld,Ohio)	2.5 SSE;RR NE	1040	25 S4	73,80 oct.Pwr line W,S
Solon (Ohio)	1.1 SSE;RR NE	1034	24 S6	73,80 oct.P-line W,SE
South Norfolk (Norfolk,Va)	6 SSE		36 S4	Fuel. Data unver.
Stinson (Wayne, Mich)	1.4 SW;RR E	664	25h	PRTV. P-line NNE.
Tecumseh (Mich)	1.8 NNE;riv SW	815	26 S6	80 oct.P-lines S.W blkd
→ Triangle (Plymouth,Mich)	1.5 ESE lk N	700	26 S4	80 oct. P-line N,E,S. W blkd.
* Vermilion Int,28,CG-LG	3.7 SW;RR N,S	610	24 L3	N,SE,S,NW blkd.(Ohio)
→ Virginia Beach (Va)	6 W;RR N	15	43 S2	80,91 oct.P-line N. Hwy N
Ward (Bedford, Ohio)	1.5 S;RR E	980	20 S6	80 oct.
Waverly (Va)	2.5 NW;RR SW	115	17 S2	80 oct.Trees,brush
Warren (Mich)	1.6 WNW;RR E	625	23 S1	73 oct.P-line N sur fld
→ Washtenaw (Dexter, Mich)	3 SSE;hwy S	867	26 S4	80 oct. P-lines,trees all approaches.
(NG) Wayne Co(Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct.1-ech.maint. NG.ARPT OF ENTRY
→ Willoughby (Ohio)	1.2 E;RR NW	700	25 S6	80,91 oct. P-line W,S
WILLOW RUN Tower (Mich)	332 (118.7)		C (ILS-W)	(4); 118.7
(P) Willow Run (Ypsilanti)	4.5 E;riv S	715	74h L5 S1	PCA stop only.RR N.(Mich)
→WINDSOR Range (Ont.,Can)	353 (QG)	243°,3.3	SBRAZ-T	3105,4495,6210

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CLEVELAND	109.9		54°	MM–	OM– — — (4.75)
				MMK-	OMK-.
WILLOW RUN			50°	MM–	OM– ·
				MMK– 341 — (0.65)	OMK- 359 •—— (5.80)

NEW FACILITIES

(P) Suffolk(Va.)	3.8 SSW;RR E	66	50h	

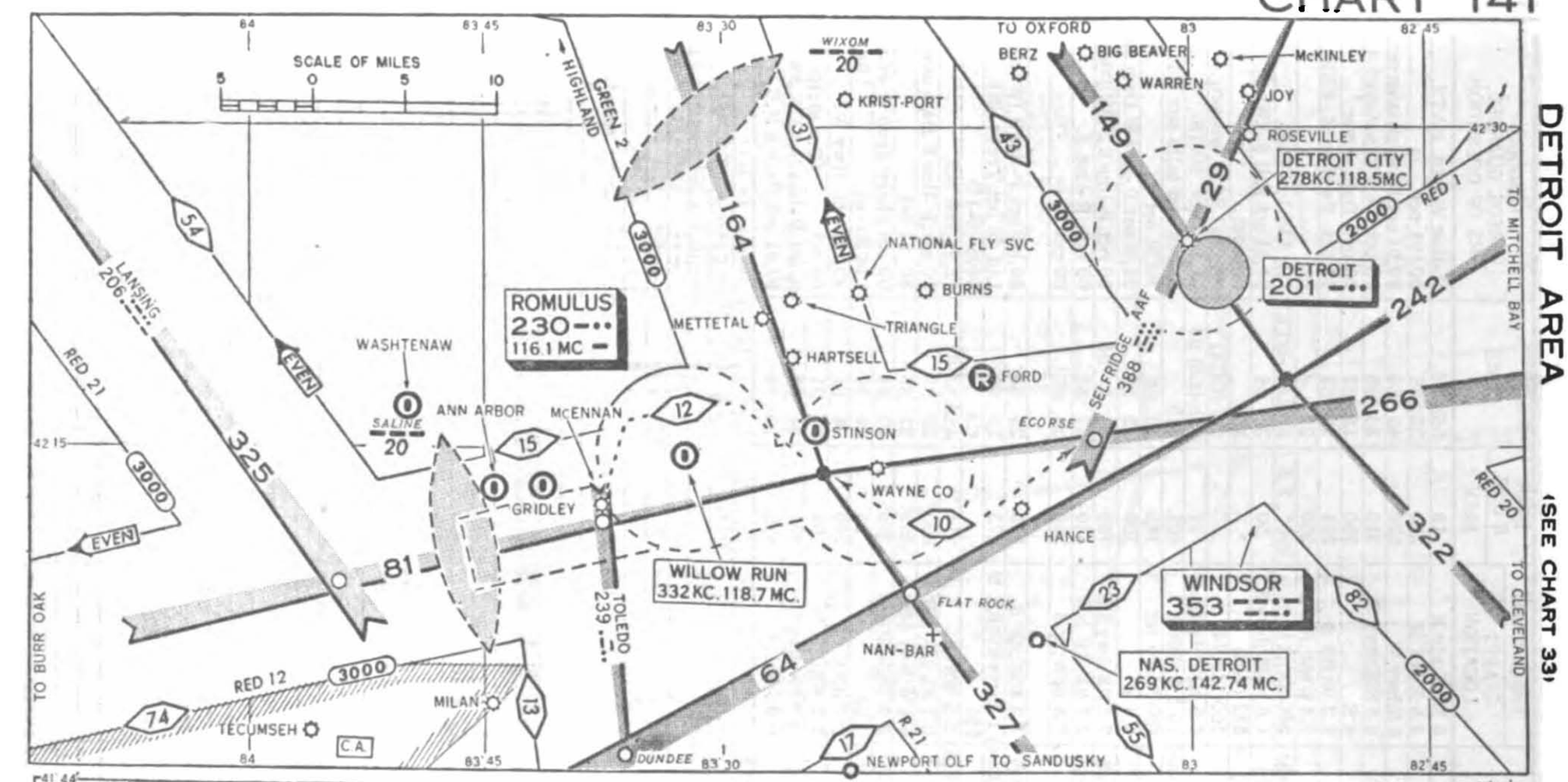
RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) →← New or revised data. [Jones] – Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

CHART 141

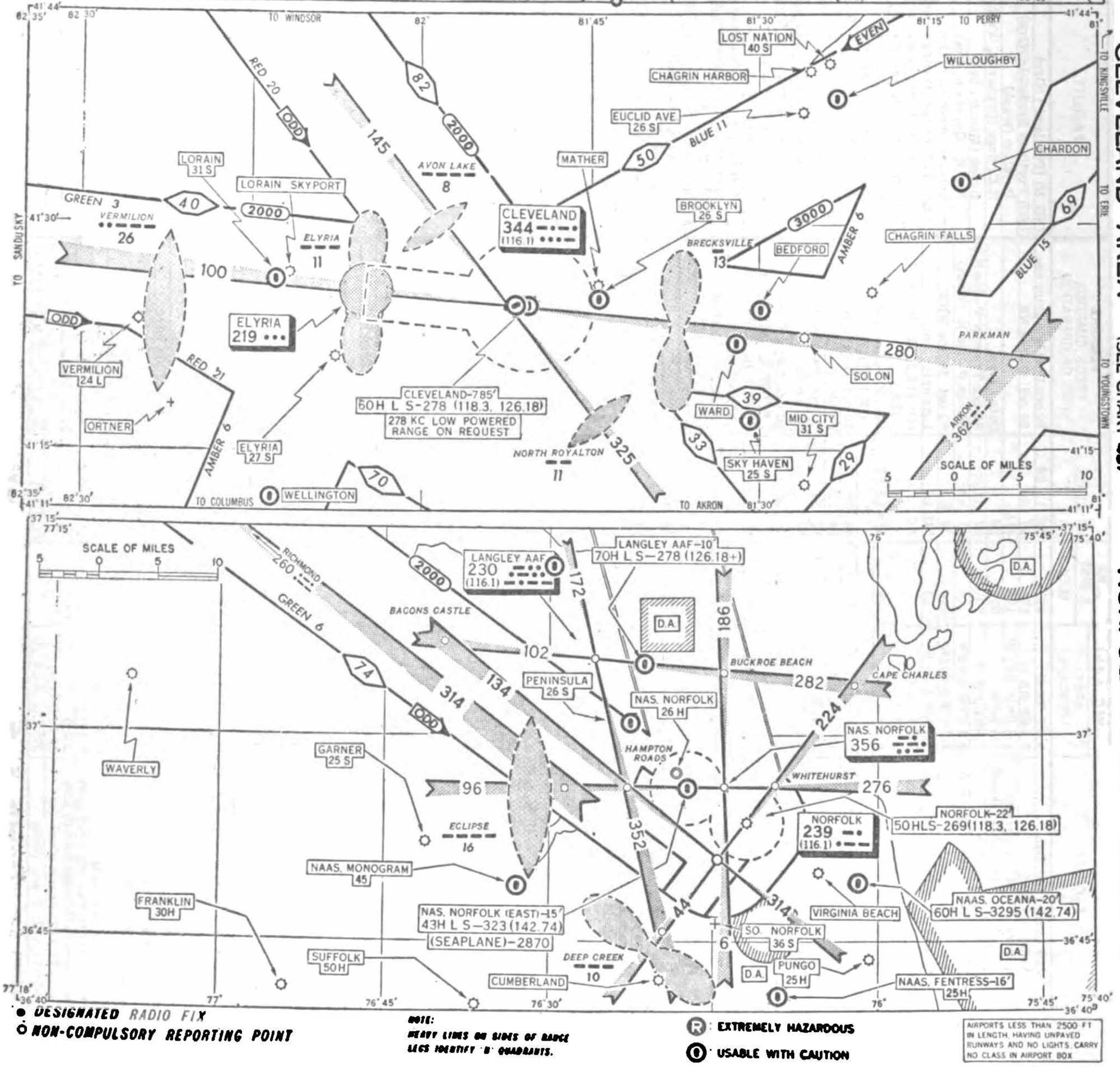
DETROIT AREA

(SEE CHART 331)



CLEVELAND AREA

(SEE CHART 331)



NORFOLK AREA

(SEE CHART 671)

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RADIAL LEGS IDENTIFY 'R' QUADRANTS.

Ⓡ EXTREMELY HAZARDOUS

Ⓞ USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST: ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Ace (Anderson, Ind)	3.5 S;RR E	875	33 L S6	80 oct. Port lgts prior req.
Anderson (Ind)	3.5 SE;RR W	875	27 S6	80 oct. P-line NE.
(P) Aurora Flight Strip (Ore)	1.6 NNW;hwy W	196	41h	
Apex Arpk (Silverdale, Wash)	1.5 WSW	550	16	Data unver.
Bargersville (Ind)	1 NNE;RR W	701	27 S2	80 oct. Trees N. P-line E, W
Barrys Sky Harbor (Tacoma)	2.3 ENE;riv SW	4	21 S3	80 oct. P-line E. (Wash)
➸ Beck (Jolietville, Ind)*	2.2 SSE;hwy 2W	830	18 S3	80 oct. P-line WNW.
Boeing-Renton (Renton, Wash)	0.9 NW;lake N	32	54h L5	Lgts prior req.
BOEING Tower (Seattle, Wash)	278 (126.18, 118.3)		AC	(4): 118.3, 126.18, 140.1, 122.5
(P) [Boeing] (Seattle, Wash)	6 S;riv SW	15	75h L5 S6	80-100 oct. No sto. ARPT OF ENTRY.
Brightwood (Indianapolis, Ind)	3.7 NE;rd S		44 S4	80 oct. Data unver.
Brownsburg (Ind)	1.5 SSE;RR N	650	26 S2	80 oct. P-line S.
Canby (Ore)	0.5 NNW	150	17 S1	80 oct. Pwrline NE, SW.
City View Arpk (Tacoma, Wash)	4.5 NE	350	18	P-line SW.
Crawfordsville (Ind)	4.5 SSW	850	38 S4	80 oct. Hwys E, W.
Delaware (Muncie, Ind)	3 WSW;hwy N		27	Pwrline E. Data unver.
Dwyer Landing Fld. (Portland, Ore)	7 SE;RR NW	200	16	Obsts ENE, WSW. Ditch around strip.
Enumclaw (Wash)	1.5 WSW;hwy E	740	20 S2	Ltd 80 oct. Pwrline E.
Farmers (Greenfield, Ind)	9 NW		26 S2	73 oct. Data unver.
Forrest Grove (Spanaway, Wash)	1.8 E;RR E	340	30 S6	80 oct.
Franklin Flying Fld. (Ind)	4 S	745	22 S6	80 oct.
G & C (Anderson, Ind)	1 N	875	30	Data unver.
Green Acres (Mulino, Ore)	1.9 SSW;RR W	269	18 S4	73,80 oct. No sto. Obst SSE.
➸ Greencastle (Ind)	2.5 ESE;RR N	780	20 S6	80 oct. P-line SE, S. Soft.
(P) Greenfield Inc. (Ind)	1.9 ENE;RR S	910	30 S6	80 oct. P-line S
Groves (Camas, Wash)	2.8 N;hwy E	350	16 S1	Ltd 80 oct. Lake SW.
➸ Himes (Whitesville, Ind)	0.8 E;RR SW	870	17 S1	80 oct. P-line NNE, NW.
Hoosier-Park (Ind)	4 WNW;hwy N	740	26 S6	80,91 oct. P-line NE.
Howell Brothers (Rushville, Ind)	2 SE;hwy SW	985	13 S4	91 oct. Bldgs SW.
Huffman Air Svc. (Selma, Ind)	0.8 SE;RR N	1000	19 S6	80 oct. Obsts sur fld.
INDIANAPOLIS Range (Ind)	266(ID)(116.1)	82°, 3.2	SBRAZ-DTV	(3); 116.1
INDIANAPOLIS Tower (Ind)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(P) [Indianapolis] (Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct. Exper lgtg.
Kent (Wash)	1.5 SSW;riv N	30	30 S6	80 oct.
Kitsap Co. (Bremerton, Wash)	8 SW;hwy NW	482	50h L5 S6	80,91 oct. Lgts on req. No sto
Lake Arpk (Bellevue, Wash)	3.5 SSE;	35	21h S2	Data unver. On lake shore
Lakewood (Tacoma, Wash)	7.5 SSW;RR E	243	22 S1	80 oct. Trees ENE, WSW.
Lapel (Ind)	1 NE		13	Rough. Data unver.
Lebanon (Ind)	1 S;RR N	925	16 S4	80 oct. Trees SW.
Lizton (Ind)	1 SE		25	Data unver.
Loy (Plainfield, Ind)	0.5 S;RR W	873	20 S6	80 oct. E, SE blkd.
Martinsville (Ind)	2 W		10	Data unver.
McCHORD Army Range (Tacoma)	272 (DTA)	26°, 1.7	BMRL	
McCHORD Tower (Wash)	396 (126.18)+		CA (ILS-W) ➸ :45, 05	(3); 116.1, 126.18
(A) McChord (Tacoma, Wash)(A)	7 SSW;lake SE	285	59h L5 S6	73, 91, 100 oct. JP-1. FOREIGN CLEARING STN.
➸ Mecca (Danville, Ind)	0.8 WSW;hwy N	750	18 S2	80 oct. P-line E, SSE, NNW
➸ Mercer (Seattle, Wash)	See Bellevue Airfield under "New Facilities" – name changed.			
Milroy Int, 5, CC-CG (Ind)	5.5 ESE	1034	27 L3	
Moore (Zionsville, Ind)	12 NW		14 S1	80 oct. Data unver.
New Castle Western (New Castle, Ind)	2.3 NW;hwy E	1080	24 S2	80 oct. P-line N, SE. NW blkd.
New Castle (Ind)	3.2 E;hwy N	1040	29 S6	80,91 oct. N, NE blkd.
Noblesville (Ind)	1 SE;RR N	801	24 S1	80 oct. Pwrline ESE.
➸ Northern Tacoma (Puyallup)	1.3 N;riv S	20	19 L S6	(Wash) Lgts prior req.
➸ Owen Pathfinder (Camby, Ind)	2.3 S	792	32 S1	80 oct. P-line SSE, SW. Use strips
PORTLAND Range (Ore)	332(PD)(vhf)	171°, 3.1	SBRAZ-DTV	(3); 116.1, 122.1
PORTLAND Tower (Ore)	278(126.18, 118.3)+		AC (ILS)	(4); 142.74, 122.5, 118.3, 126.18

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(NG, N) [Portland] (Ore)	5 NNE;riv N	19	55h L6	P-line W, lgtd. NATS.
(NG) Portland Birdsdale (Ore)	8.5 E;RR N	220	23 S6	80, 91 oct.
Puyallup (Wash)	6 S;hwy W	520	45 S6	80,91 oct. Rnwy data unver.
R.C. Sugg (Orchards, Wash)	3.6 SSE;hwy S	310	26 S6	80 oct. 6.8 E Vancouver.
Reese (Muncie, Ind)	4 E	950	19 S2	80 oct. Data unver.
R.O.K. (Gresham, Ore)	2.2 W;RR S	285	26 S5	73 oct. Pwrline E, ENE.
➸ Schuler (Woodburn, Ore)	2.8 WNW;RR E	200	29	
SEATTLE Range (Boeing) (Wash)	260(SA)(116.1)	296°, 2.8	SBRAZ-DTXV	(3); 116.1, 122.1
Seattle Sky Ranch (Issaquah)	1.6 NNW;hwy S	50	25 S6	80,91 oct. Hill S. (Wash)
SEATTLE Navy H Fac. (Wash)	532 (WN)		MH	(4) cont.
SEATTLE NAS Tower (Wash)	230(142.74)		CN (GCA)	(3); 142.74 (8-sunset)
(N) Seattle NAS (Wash) (N)	6.5 NNE;lk E	37	51h (L6) S6	91,100 oct. NATS.
Seattle-Tacoma (Seattle, Wash)	10.5 S; RR E	405	61h	Trees and hills sur fld.
➸ Shank's (Indianapolis, Ind)	6NW;hwy NE	740	32 S6	80,91 oct.
Sheridan (Ind)	2.5 N	700	23 S6	80,91 oct. P-line W. Data un-
(P) Sky Harbor (Indianapolis, Ind)	7 ENE;hwy S, E	730	26 L S6	80 oct. P-line E, S, SE. ver
Sky Park (Oregon City, Ore)	2.7 SE;RR NW	440	27 S6	80 oct. P-line S.
➸ South Port Orchard (Port Orchard, Wash)	7.5 SSW;lk S	350	30 S6	80 oct.
Spanaway Acft Co. (Spanaway)	1.2 SSE;RR S	375	25 S6	80,100 oct. P-line S. (Wash)
Sportsman Arpk (Newberg, Ore)	1 E;riv SW;RR N	173	23 S2	Ltd 80 oct. Trees NNE.
STOUT Tower (Ind)	396		CA	4495 (9-18)
(A) Stout AAF (Indianapolis, Ind)(A)	5.5 WSW	714	45h L5 S1	73, 91, 100 oct.
Suco Arpk (Shelbyville, Ind)	0.7 SE;RR NE	800	23 S2	80 oct. P-line E. Data unver
Tacoma (Wash)	4.4 W;hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk (Tacoma, Wash)	2.9 WSW;RR E	250	20 S4	80 oct. Sharp drop W edge
Vancouver (Wash)	1 SE	26	19 S6	Ltd 80 oct. fld.
Vancouver, mun. (Wash)	6.7 ENE	240	26 S1	80, 91 oct. Hwy W.
Wells (Milwaukie, Ore)	1.3 NE;RR W	158	17 S1	80 oct. /Use strips only
➸ White Cloud (Greenwood, Ind)	1.8 SW;hwy E	800	24 S6	80 oct. P-line N, NE, E, SE, NW
➸ Yorktown (Ind)	0.8 S;RR N	910	20 S6	80,91 oct. P-line N, E, W.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INDIANAPOLIS (L6)	109.9	333.8	44°	IM-	MM- •—•— (0.89)	OM- ——(4.3)
					MMK- 201 —••	OMK-219 ••
McCHORD (A)	109.9	333.8	337°	IM- (0.24)	MM- ••••• (0.85)	OM- ——(4.44)
					MMK-	OMK
PORTLAND	109.9	333.8	113°	IM-	MM- •—•— (0.52)	OM- ——(4.81)
					MMK-	OMK-219 ••••
➸ SEATTLE-TACOMA	110.3 (W)	335	338°	IM-	MM- •—•— (0.65)	OM- ——(4.6)
					MMK- 371 •—••	OMH-359 •••

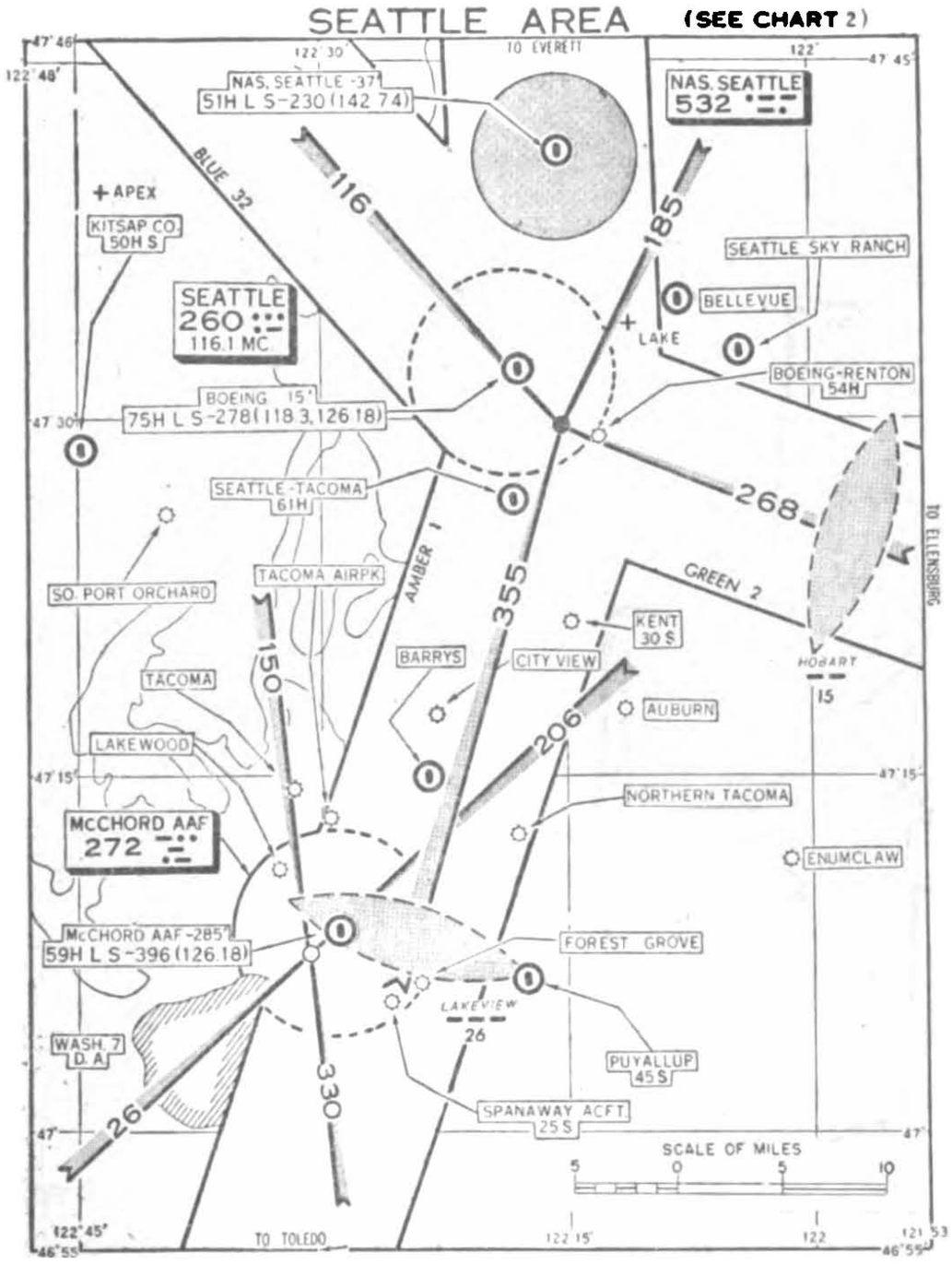
NEW FACILITIES

Bernard (Beaverton, Ore)	1.4 NNW;RR S	208	18 S6	80, 91 oct.
Columbia Co. (Scappoose, Ore)	1.2 NE;RR W	55	40h L S6	80 oct. Port rnwy lgts. P-line
Hillsboro (Ore)	2.4 ENE;RR S	200	41h L5 S6	73, 80 oct. N, NW
➸ Bellevue (Seattle, Wash)	9.5 E	345	22h S6	80,91 oct. Rdo prprs. Rnwy data unver.
➸ Stewart (Danville, Ind.)	2 E;hwy N	750	25 S2	80 oct. Wires N, S. Use strips only.

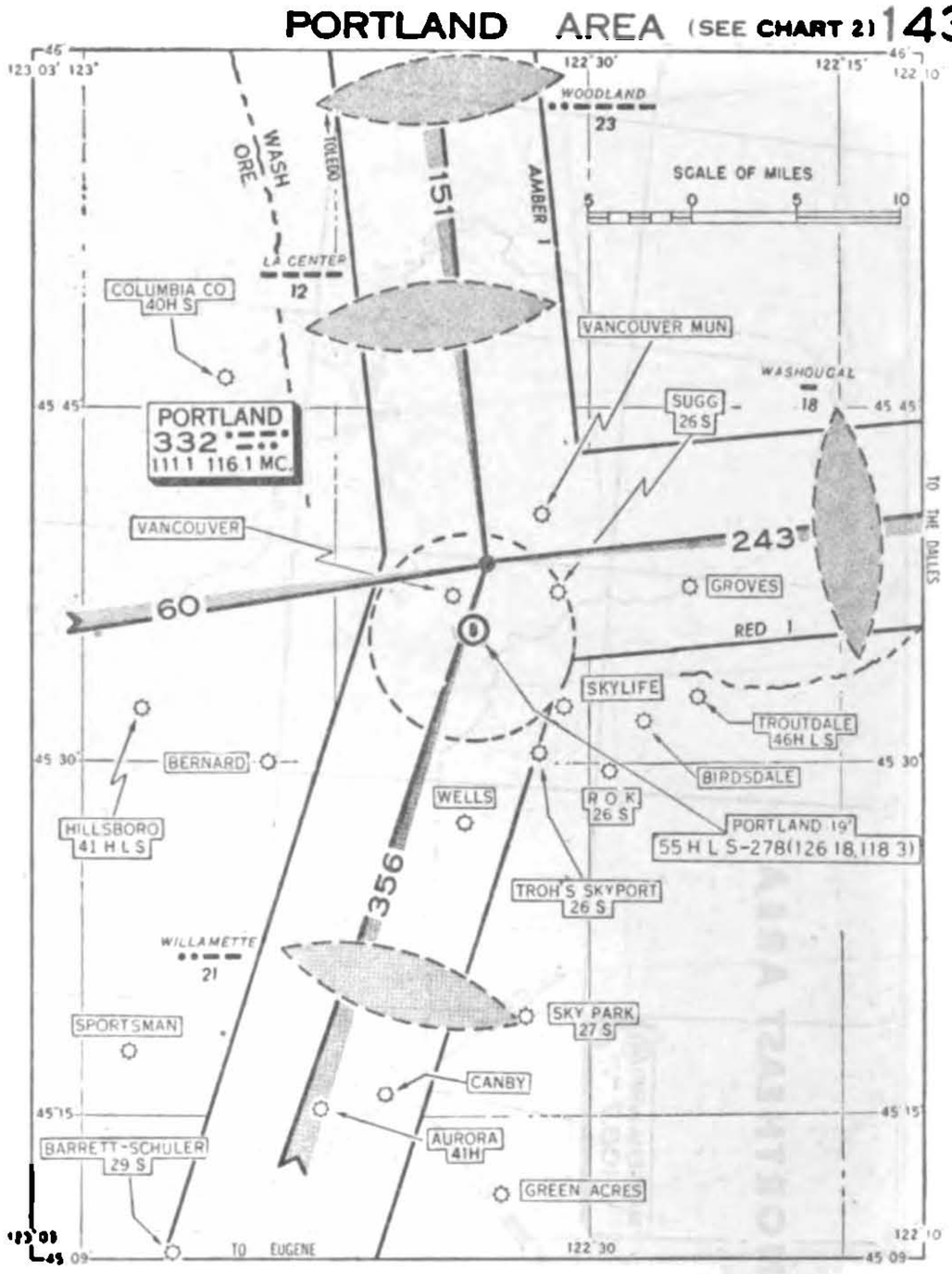
RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4496, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) ➸ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

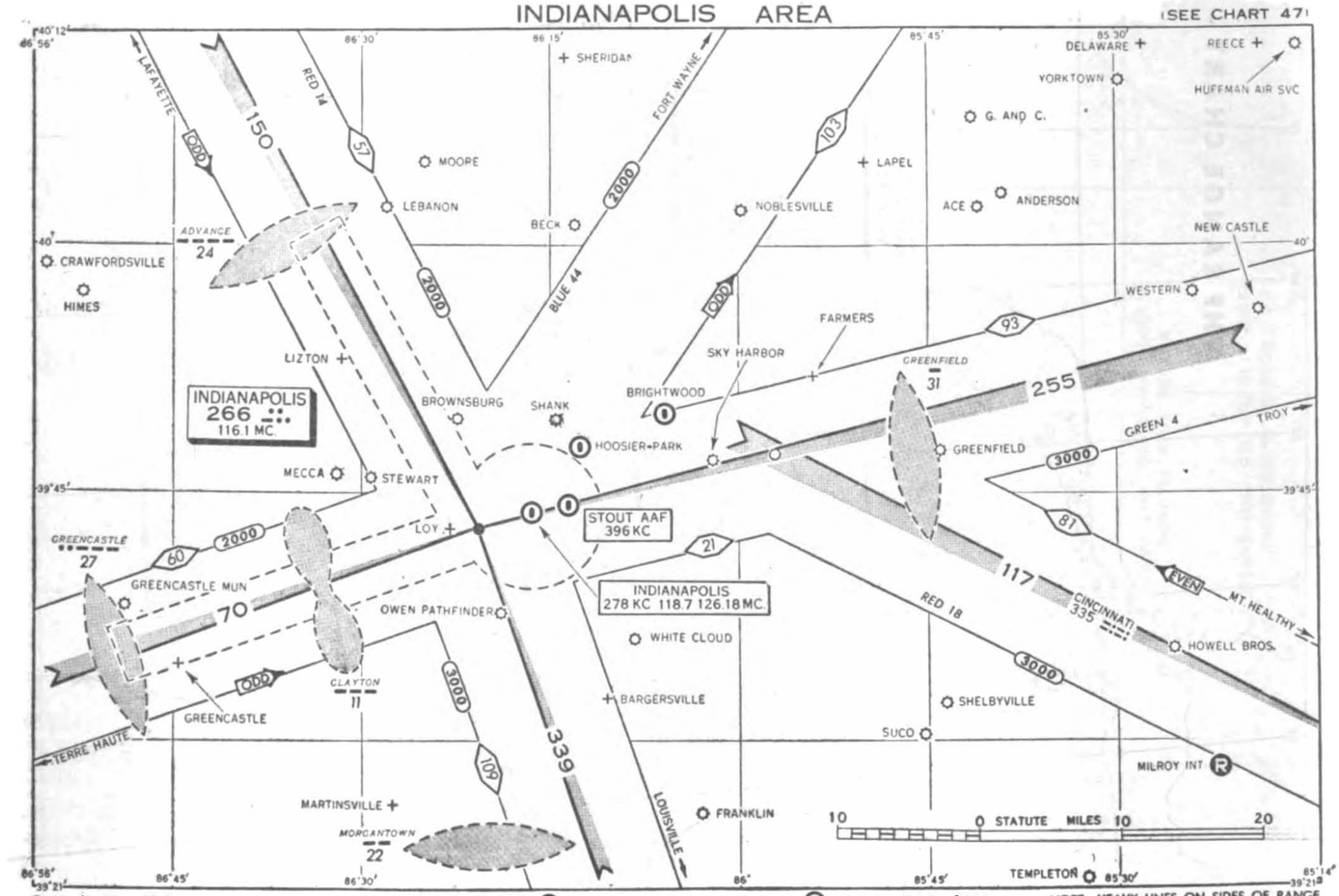
SEATTLE AREA (SEE CHART 2)



PORTLAND AREA (SEE CHART 2)



INDIANAPOLIS AREA (SEE CHART 47)



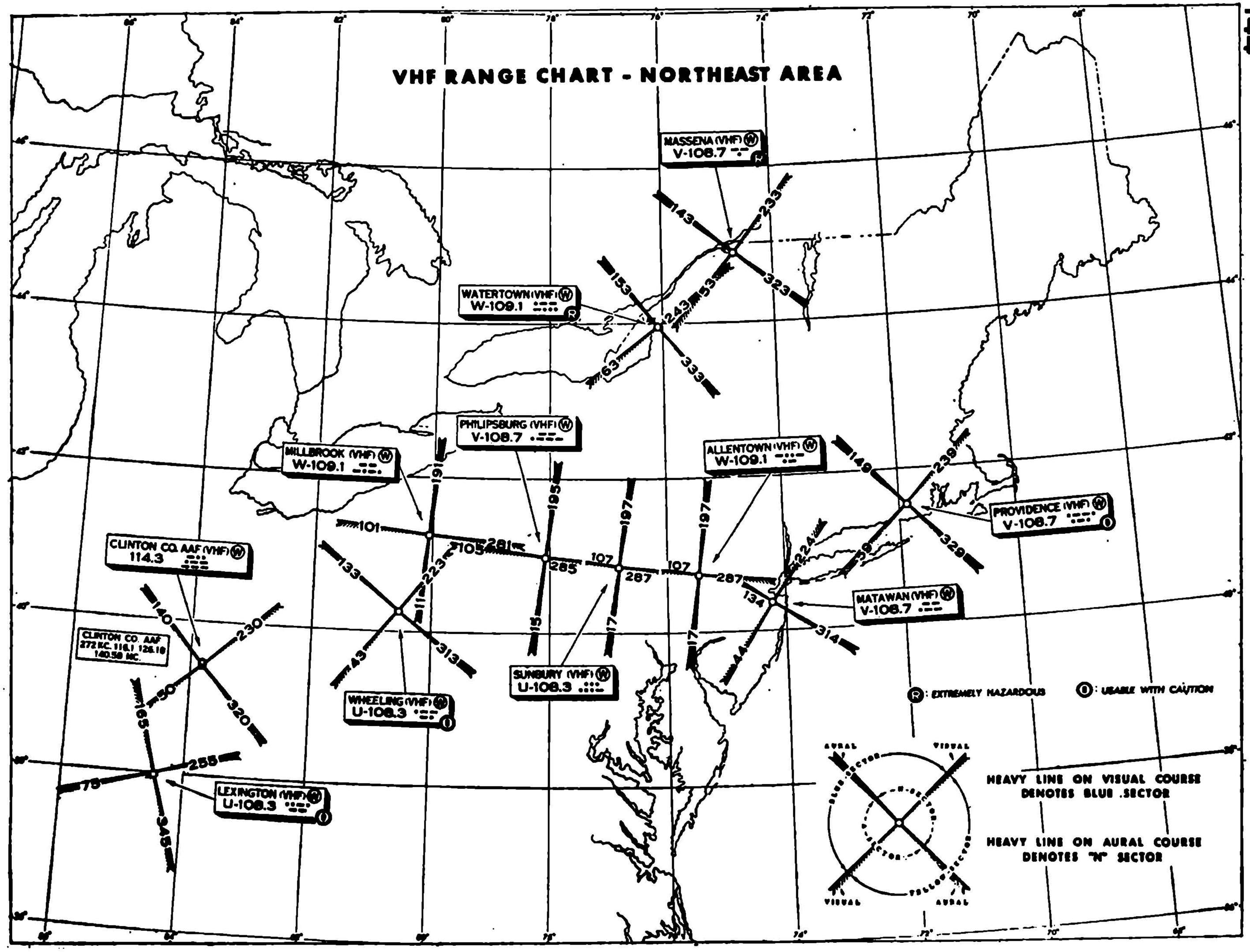
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS

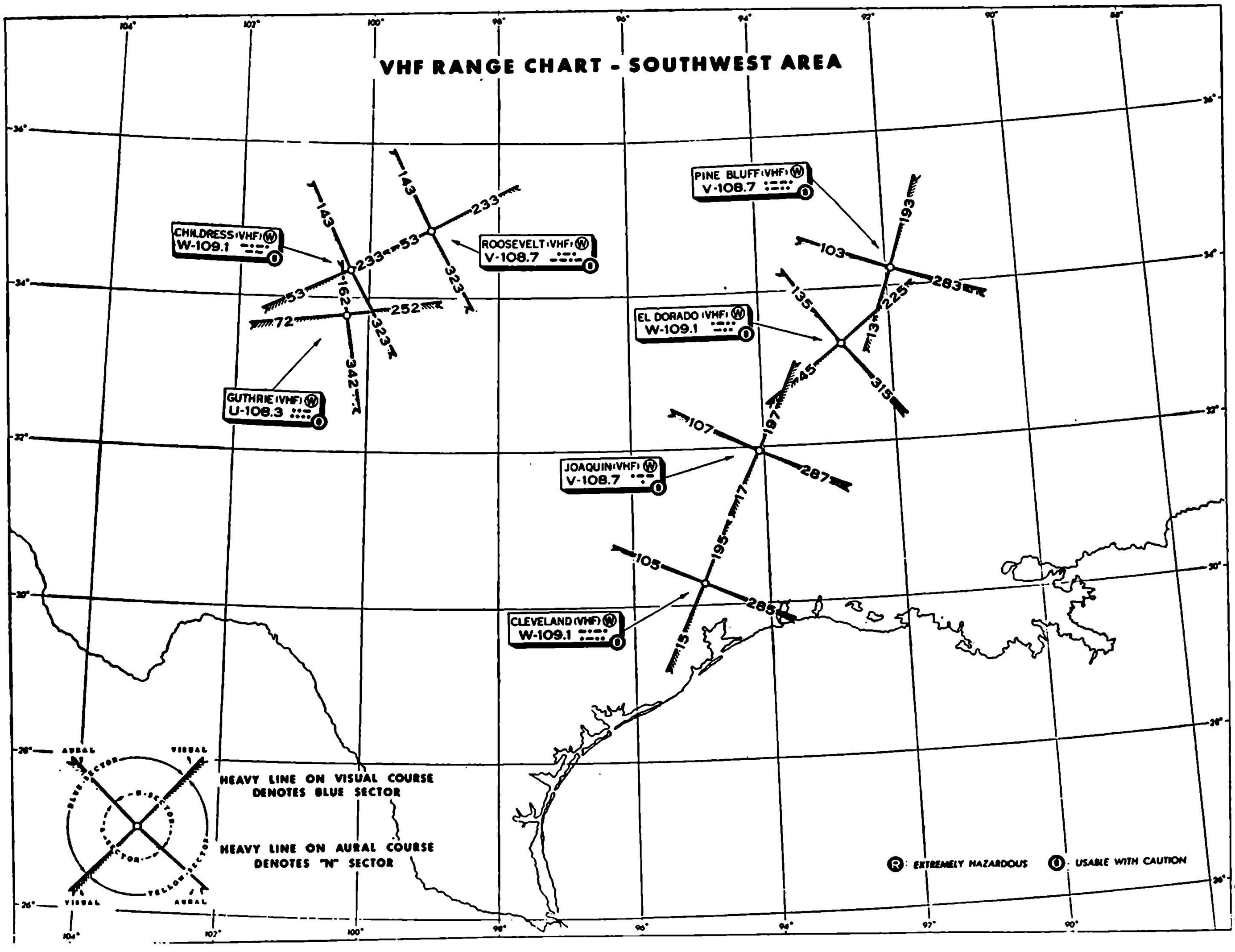
Ⓞ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

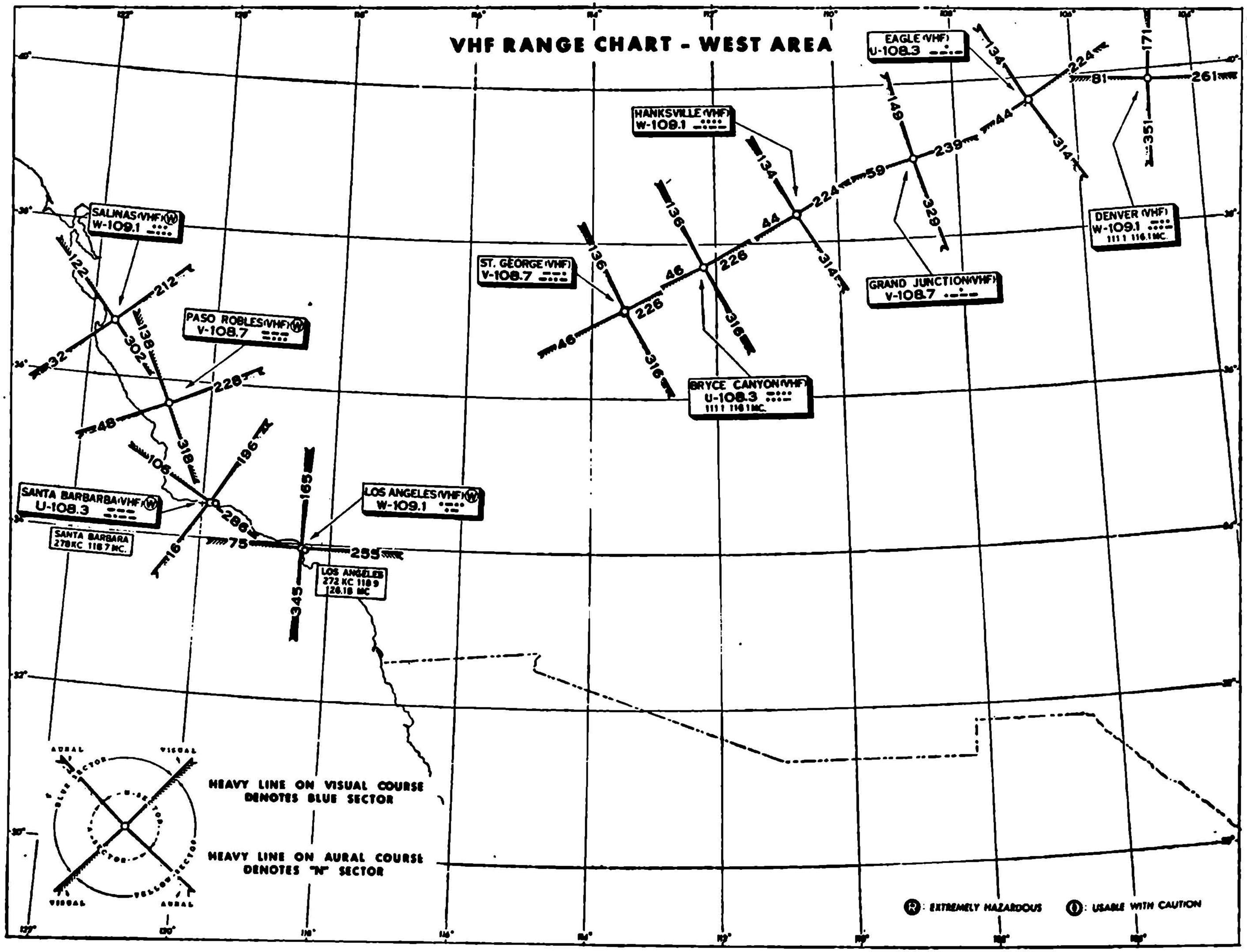
VHF RANGE CHART - NORTHEAST AREA



VHF RANGE CHART - SOUTHWEST AREA



VHF RANGE CHART - WEST AREA



AIRWAY MILEAGES

ALBANY - BOSTON	147
ALBANY - NEW YORK	185
ALBYQUERQUE - AMARILLO	278
AMARILLO - OKLAHOMA CITY	232
AMARILLO - WICHITA	300
ATLANTA - SHREVEPORT	579
ATLANTA - WASHINGTON	577
BIG SPRING - FORT WORTH	253
BIG SPRING - EL PASO	282
BIRMINGHAM - ATLANTA	141
BOSTON - BURLINGTON	192
BOSTON - PORTLAND	95
CHARLESTON - RICHMOND	362
CHICAGO - CINCINNATI	279
CHICAGO - MINNEAPOLIS	372
CLEVELAND - CHICAGO	297
CHICAGO - ST. LOUIS	259
DENVER - ALBUQUERQUE	408
DENVER - AMARILLO	378
DENVER - OMAHA	486
EL PASO - PHOENIX	383
FORT WORTH - OKLAHOMA CITY	181
FORT WORTH - MONROE	281
GREAT FALLS - BILLINGS	202
GREAT FALLS - SALT LAKE	488
GREAT FALLS - SPOKANE	289
HOUSTON - CORPUS CHRISTI	184
HOUSTON - FORT WORTH	274
HOUSTON - SAN ANTONIO	238
JACKSONVILLE - ATLANTA	275
JACKSONVILLE - CHARLESTON	208
KANSAS CITY - CHICAGO	415
KANSAS CITY - DENVER	473
KANSAS CITY - MINNEAPOLIS	427
KANSAS CITY - ST. LOUIS	205
KEY WEST - MIAMI	157
LAS VEGAS - SALT LAKE	370
LOS ANGELES - LAS VEGAS	277
LOS ANGELES - SAN FRANCISCO	382
MEMPHIS - FORT WORTH	468
MEMPHIS - NEW ORLEANS	349
MIAMI - TAMPA	222
MIAMI - JACKSONVILLE	334
NEW ORLEANS - HOUSTON	313
NEW YORK - ROCHESTER	244
NEW YORK - SYRACUSE	193
NEW YORK - WASHINGTON	232
OKLAHOMA CITY - WICHITA	158
PENDLETON - SALT LAKE	495
PHOENIX - LOS ANGELES	326
PITTSBURGH - CLEVELAND	124
PITTSBURGH - NEW YORK	328
PITTSBURGH - WASHINGTON	189
PORTLAND - BANGOR	115
PORTLAND - THE DALLES	185
PORTLAND - SEATTLE	131
RICHMOND - WASHINGTON	98
ST. LOUIS - MEMPHIS	261
SAN ANTONIO - CORPUS CHRISTI	168
SAN ANTONIO - BIG SPRING	267
SAN FRANCISCO - SALT LAKE	613
SAN FRANCISCO - PORTLAND	582
SEATTLE - SPOKANE	245
SPOKANE - PENDLETON	161
TALLAHASSEE - BIRMINGHAM	297
TALLAHASSEE - NEW ORLEANS	363
TAMPA - TALLAHASSEE	225
WICHITA - KANSAS CITY	176

N.B.

The attempt to superimpose VHF ranges cartographically upon the low frequency system practically nullified the Guide charts use for either VHF or LF navigation.

It was decided, therefore, to give the VHF ranges separate coverage. With the Guide's stringent page limitations, separate VHF range charts necessitated the elimination of the Civil Airways and Mileage Charts. Specific flight advisory and traffic control area boundaries and specific fix mileages, however, may still be found on the individual Guide Charts.

The Civil Airways and Mileage Chart will hereafter be issued quarterly to all Communications Stations and Air Route Traffic Control Centers.

It is hoped that the mileages tabulated above will facilitate flight planning because the addition of small sector mileages is no longer necessary.

ARMY DATA: Advice covering Army fields or Army operations on civil fields, or Army radio facilities, and also Air National Guard fields and facilities should be forwarded to Commanding General, Air Transport Command, ATTN: Flight Operations Division, A-3. Requests for approval of the closing of Army airfields or restrictions in airfield facilities to transient military aircraft for over 10 days should be forwarded to the same address for submittal to Headquarters Army Air Forces, as required. Restrictions in Air National Guard Fields or facilities will be forwarded to the National Guard Bureau through the State Adjutant General for approval. That Bureau will forward approved restrictions to the above address for publishing. Information to be published will be coordinated and submitted to the Civil Aeronautics Administration.

NAVY FACILITY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/ground communications facilities, instrument approach procedures and navigational aids, should be directed to: The Division of Air Navigation, Hydrographic Office, Washington 25, D. C., for transmittal to the C.A.A. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946, approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF REGULATION 85-2. The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 85-2 and AAF Regulation 85-2A, which state in part: "Except for those Army aircraft assigned to civil contractors or agencies under bailment contract, no Army aircraft will utilize civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Government, except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major air command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks Section of AAF Form 23 that competent authority authorizes use of such fields and will be transmitted in Remarks Section of the flight plan as 'authorized flight'. All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters "A, N, or P" in the Airman's Guide. It is the responsibility of the various air forces, major air commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation."

(2) "OFFICIAL BUSINESS" within the meaning of AAF Regulation 85-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units, or organizations at or near the airfield selected for landing for the purpose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service, or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

(3) POLICY OF ARMY USE OF TEMPORARILY INACTIVE AIRFIELDS: (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein (directory section only) by the following notice: "Army temp inactive - civil facs.". (b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned. Such airfields will be identified herein (directory section only) by the following notice: "TEMP INACTIVE. NO FACS". Above policy statement is not to be construed as countermanding any AAF Regulations or letters governing command use of municipal airports or Army airfields.

(4) "CLOSED" ARMY AIRFIELDS: Under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF, from time to time certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed as "CLOSED": Such as, (a) Fields closed to all transient traffic except on official business or in emergency, (b) Fields that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by WAA. The listing "CLOSED" will appear in the directory section only. Airfields so designated will be used on official business only under written orders in each case.

✓ CLEARANCE OF AAF AIRCRAFT: National Guard Units are not authorized to clear AAF aircraft. At bases occupied solely by National Guard, clearance for AAF aircraft will be obtained from Flight Service in accordance with provisions of paragraph 2, AAF Regulation 60-22.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Field, Fla., Washington National Airport, D.C., or Westover Field, Mass. ALASKA - McChord Field, Wash.; Great Falls AAF, Mont. BERMUDA - Mitchel Field, N.Y., Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. CANADA - Great Falls AAF, Mont.; McChord Field, Wash.; Washington National Airport, D.C.; Selfridge Field, Mich.; or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA March Field, Calif., Kelly Field, Tex., or Morrison Field, Fla. CARIBBEAN - Morrison Field, Fla.; or Kelly Field, Tex. ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C.; or Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

✓ PILOT PROCEDURES WITH FLIGHT SERVICE USING AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases. No change. References: AAF Regulations 60-23 and 60-22. (2) Departure from non-AAF Bases. AAF aircraft departing from a non-AAF base will file a complete flight plan with, and when necessary, secure approval from,

✓ Indicates new or revised Special Notice

the nearest Flight Service center prior to take-off, or as outlined in AAF Regulation 60-22. Communications with a Flight Service center may be established by direct telephone or by a radio call to the nearest AAF base or AACS airways radio station. After contacting the Flight Service center, and obtaining flight plan approval when necessary, pilots contemplating flight under IFR will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA direct through CAA communications facilities. However, if CAA communications facilities are not available, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute. AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of IFR Flight Plan, or CFR to IFR, or IFR to CFR Enroute: Any AAF aircraft requiring a change of route, altitude point of first intended landing, cruising speed, or alternate airport, or change from CFR to IFR, or IFR to CFR, enroute will contact a CAA communications station for CAA Airway Traffic Control clearance and Flight Service approval if necessary. Pilots possessing clearance authority must firnish Flight Service their new flight plan. If communication with a CAA communications station cannot be established, an AACS airways radio station will be contacted for coordination between CAA and Flight Service and to obtain CAA airway Traffic Control clearance and Flight Service approval when necessary. (5) CFR Position Reports: When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS airway radio stations enroute and receive any necessary advisories from Flight Service. One position report each thirty minutes is considered adequate. (6) IFR Position Reports: When flying under IFR conditions, pilots will first make position reports to CAA communications stations as heretofore required by Civil Air Regulations, and then to AACS airways radio stations en route, and receive any pertinent Flight Service advisories. (7) Voice Calls: AACS Airways radio stations will be called by the location name followed by the word "airways", such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) RON Messages: At bases not connected with Flight Service centers by military interphone, pilots may file RON messages via long distance telephone to the Flight Service center at the time the arrival report is filed. (9) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An Index of AACS Airways Stations within the U.S., together with a listing of the assigned frequencies, may be found on pages 94 and 95 of T.O. 08-15-1. The following table displayes the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service	
A	116.1 mcs.	CAA AIRWAYS (RANGE STATIONS)	* AACS Airways
B	126.18 mcs.	CONTROL TOWERS	(Plan 62)
C	137.88 mcs.	AACS AIRWAYS (PLAN 62)	* Control Towers
D	140.58 mcs.	MILITARY EMERGENCY & GCA FINAL APPROACH CONTROL	

* Available for service indicated on a secondary basis.

(10) It will be some time before all AAF aircraft are equipped for operation on AACS Airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS Airways frequencies will contact airways stations whenever possible rather than AAF control towers. (11) The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington; Pittsburgh New York; Boston	Olmsted Flight Service Center Middletown, Pa.	Steelton 93387 Steelton 93470
Jacksonville; Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4871
Memphis; New Orleans; Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery LD 89
Cleveland; Cincinnati; Detroit; Chicago; St. Louis	Wright Flight Service Center Dayton, Ohio	Osborn 88691, 88692
Ft. Worth; San Antonio	Ft. Worth Flight Service Center Ft. Worth, Texas	Ft. Worth 77251
Denver; Minneapolis; Kansa City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 LD 117
Los Angeles; Albuquerque; El Paso	March Flight Service Center Riverside, Calif.	Riverside 7107 7108
Oakland; Salt Lake	Hamilton Flight Service Center Hamilton Field, Calif.	San Rafael 770, San Rafael LD-20
Great Falls; Seattle	McChord Flight Service Center Tacoma, Wash.	Tacoma LD 20 Tacoma LD 21

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by smoke, fog, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

CLEARANCE OF AAF AIRCRAFT IN NEW YORK CITY AREA: In accordance with AAF Letter 63-9 of April 24, 1947, the following instructions will govern the clearance of AAF aircraft to and from the New York City Area (encompassed by a 25-mile radius from the southern tip of Manhattan). (A) FLIGHTS INTO THE AREA: AAF aircraft flying into the area may be cleared for any authorized field therein, but will in all cases secure in-flight approval from Flight Service by contacting Mitchel Airways prior to proceeding to the field of destination. AAF Form 23 will indicate a flight plan to the field of destination via Mitchel Field. Mitchel Airways will secure Flight Service approval of further clearance to other fields in the area under the conditions listed below only. If further clearance is refused, aircraft will land at Mitchel Field or at any other authorized field outside the area. (1) CFR: When the ceiling is at least 2000' and the visibility is 3 miles or more. (2) IFR: (a) When the visibility is not less than 1 mile and the ceiling is unlimited. (b) When the visibility is not less than 2 miles and the ceiling is not less than 5000'. (B) FLIGHTS OUT OF THE AREA: AAF aircraft departing from the area from fields, other than Mitchel, will be cleared subject to the conditions listed above for CFR and IFR clearances. AAF aircraft engaged in regularly scheduled transport flights under the operational control of the Air Transport Command are exempted from the above restrictions.

SELECTION OF WEATHER ALTERNATES BY ARMY PILOTS: In accordance

with policy stated by the CG, AAF April 7, 1947, Army pilots are not to be refused IFR clearances because of selection of other than "A, N, OR P" fields as an alternate. The selection of an alternate airport is a planned procedure to be resorted to in case of emergency and any suitable airport, military or civilian, will be accepted for clearance purposes. Concerning this policy, it is pointed out that pilots who do utilize other than "A, N, or P" fields under such circumstances may be called upon to justify their use of same.

V.H.F. CHANNEL ASSIGNMENTS:

Following are Army assignments:

Channel	Frequency
A	116.1
B	126.18
C	137.88
D	140.58
G	137.70
H	134.10
U	108.3
V	108.7
W	109.1

Following are Navy assignments:

Channel	Frequency
1	116.1
2	140.56
3	126.18
4	128.70
5	143.28
6	134.64
7	143.64
8	142.02
9	142.74
GUARD	140.58

ARMY DISTRESS, AND SEARCH AND RESCUE PROCEDURE: (1) When an aircraft is in distress and the pilot is unable to establish 2-way communication on any frequency, he will transmit as follows: "Mayday. Mayday. Mayday. This is Army 1 2 3 4, this is Army 1 2 3 4, this is Army 1 2 3 4, my approximate position is - -, Over " Pilot may follow this emergency transmission with any other information he deems necessary. Although Channel "D" (140.58 mc) has been designated as the Joint Army-Navy emergency frequency, the pilot in distress will use any or all frequencies at his disposal. Communication coverage on various frequencies will vary depending upon the location of control tower, airways, VHF/DF, and other radio stations. (2) To request escort by Air Rescue Service rescue plane when 2-way communication can be established, aircraft in distress will. (a) Contact Flight Service through nearest AACS airways station; (b) Give position report, if position is not known request CTF (Fix); (c) Give nature of trouble, also estimated time plane can remain aloft; (d) Follow instructions transmitted by Flight Service; (e) Follow instructions of Air Rescue Service aircraft after contact is accomplished. (3) To report sighting of crashed aircraft: (Note: Previously reported and identified crashes are marked with yellow paint). (a) Contact Flight Service through nearest AACS airways station; (b) Give position of crash; (c) Evidence of survivors, type and number of aircraft (if possible); (d) Follow instructions transmitted by Flight Service; (e) Immediately after landing make a complete report for transmission to the nearest Air Rescue Unit; also notify nearest Army Air Forces installation.

SERVICING FOR ARMY AIRCRAFT: Transient Army servicing is usually available at active Army airfields and, when available, is indicated in the remarks column, data section by an "S" designation (as defined under data legend) and octane ratings of gas are shown. At airports designated by a single (A) in the "Airman's Guide" (Joint use with civil interests), Army servicing is available unless remarks column carries "ARMY TMP INACT - CIVIL FACS" Notation is given in remarks column to servicing available for military aircraft; for example, "91,100 oct. Army" This may be contract service. As a matter of policy, limited servicing and maintenance will be available to transient military aircraft at Air National Guard fields (on form 15). Notation with regard to available facilities will be shown in the remarks column; for example, "91,100 oct NG". At (1) or civil fields, military servicing or Army contract fuel will not be available; servicing may be secured in emergency only on a Form 15. Army servicing may be procured at Navy fields on a Form 15.

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

NO AIRCRAFT LANDINGS TO BE MADE IN NATIONAL PARKS: The Department of Interior has issued the following regulation: ". . . No person shall land aircraft on land or water, on any Federally-owned area within any national park or monument, except for emergency rescue in accordance with the directions of the officer in charge of the park or monument or where such landing is caused by unforeseeable circumstances beyond the control of such person, other than at one of the following designated landing areas: (a) Mt. McKinley National Park, Alaska. (1) McKinley Park Station Airport; (2) The surface of Wonder Lake. (b) Death Valley National Monument, Calif. Death Valley Airport. (c) Glacier Bay National Monument, Alaska. (1) Gustavus Point Airport; (2) The waters of Bartlett Cove, Sandy Cove, and Icy Strait in the vicinity of Gustavus Point Arpt. (d) Jackson Hole National Monument, Wyo. Jackson Airport. (e) Boulder Dam Recreational Area, Ariz. and Nev. (1) Boulder City Municipal Airport; (2) The entire surface of Lake Mead".

OLD PILOT CERTIFICATES MUST BE EXCHANGED: All pilot certificates issued prior to July 1, 1946, will expire July 1, 1947. Such certificates may be exchanged for new-type certificates at any time prior to their expiration date.

PERSONAL POSSESSION OF PILOT CERTIFICATE: No person shall pilot a civil aircraft within the U.S. unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

PART 43 OF C.A.R. REVISED: (1) Section 43.51 has been amended to read as follows: "43.51 Requirements for first solo. A student pilot shall not operate an aircraft in solo flight until: (a) he has passed a written examination on pertinent provisions of Part 43 and those of Part 60 dealing with contact flight rules; (b) he has been found competent by a flight instructor to make such flight and authority therefor has been endorsed by such instructor on the student pilot certificate, and (c) he has been given instruction in recovery from stalls and spins, if such solo flight is made in a spinnable aircraft.

(2) Paragraph (b) of Section 43.52 has been repealed.

NOTICE TO ALL FLYING PERSONNEL: Because of the increase in aircraft operations, both civil and military, in recent months, the number of complaints regarding airplane noise nuisance has reached such proportions that the

advancement of aviation and development of new airports are in danger of being severely retarded. To reduce the number of such complaints, it is requested that the following practices be put into effect by all fliers: (1) Discontinue all unnecessary low flying; (2) When weather and traffic volume permit, increase altitudes of all traffic patterns that require flight over inhabited areas; (3) Re-route channels of approach and departure to avoid residential and business districts whenever possible; (4) If the airport is located near inhabited areas, reduce power and increase pitch of propellers as quickly as possible during take-off so as to keep engine and propeller noises at a minimum; (5) Keep rpm's set at a minimum required operational setting when low flying over populated areas is necessary

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RADIO TELEPHONE-OPERATION AUTHORIZATION: This is the simple way in which an authorization to operate a radio telephone transmitter in an aircraft is obtained: the applicant appears in any of the Federal Communications Commission field offices, or before any CAA flight examiner of the CAA, who has been designated by the FCC to issue the permits, proves he is a United States Citizen, that he has need of such an authorization, and that he understands the few simple rules and regulations. He is given a card granting the authorization then and there. FCC offices are listed under Unites States Government in phone books, and there are some 30 of them throughout the country. Mostly, they are in downtown offices There are more than 1,000 CAA designated flight examiners. Mostly they are located at airports. The "examination", if it may be so described, consists of a few questions establishing the ability of the applicant to transmit and understand spoken messages in English, and to understand the simple rules governing the use of such equipment. He is also given simple, printed instructions for its use.

V.H.F. IFR FLIGHTS: Until further notice, Air Traffic Control will be exercised on the assumption that aircraft are utilizing intermediate frequency radio ranges. If a pilot desires to conduct IFR flight using VHF ranges over all or a portion of the route, his flight plan should so indicate. Further, flight should not be conducted on civil airways in IFR weather using VHF ranges unless the ATC clearances so authorize

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NEW PRIVATE FLIER VHF FRECUENCIES: All CAA Communications Stns and Towers are discontinuing receiving watches on 131.7 and 131.9 mcs, as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs. for transmission to CAA Communications Stations and 122.5 mcs for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs. but the communications stations program is not fully effective yet because of non-receipt of the new receivers. CAA communications stations normally reply to itinerant aircraft on the voice feature of the range, low frequency or V.H.F., WHICHEVER IS applicable. Replies are made on 121.1 mcs. if V.H.F. reply has been requested on other than range frequency. CAA airport control towers will reply to itinerant aircraft on one of the frequencies 118.3, 118.5, 118.7, or 118.9 mcs in addition to tower's low frequencies. See individual data pages in AIRGI for inclusion of these frequencies as commissioned.

U.S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour (which are the scheduled broadcast times) to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word "ROGER" in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it is suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmissions.

COAST GUARD DIRECTION FINDING SERVICE: The Coast Guard Jupiter Florida radio D/F station was discontinued May 1, 1947. There is no CG D/F service this area.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Revised arrival, departure, holding, instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area. Non air carrier pilots proposing instrument flight through this area or to or from Newark, Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, New York, for copies of applicable Operations Letters describing these procedures.

NON-COMPULSORY REPORTING POINT: The intersection of the NE course of the Kansas City, Mo. Radio Range and the S course of Des Moines, Iowa Radio Range has been designated a non-compulsory reporting point known as "Brookfield".

AIRPORT APPROACH AND TRAFFIC ZONES: The following Airport Approach Zones are still in effect: Akron, Colo., CAA Field; Albany, Ga., Turner AAF; Anchorage, Alaska, Merrill Field; Annette Island, Alaska, CAA Fld; Big Delta, Alaska, CAA Fld; Cherry Point, N.C., MCAS; Elmira, N.Y., Chemung Co. Arpt; Fairbanks, Alaska, Weeks Fld; Fairfield, Calif., Fairfield-Suisun AAF; Homer, Alaska, CAA Fld; Kenai, Alaska, CAA Fld; Nenana, Alaska, CAA Fld; Northway, Alaska, CAA Fld; Patuxent River, Md., NAS; Roswell,N.M., AAF, Salina, Kans, Smoky Hill AAF; San Antonio, Tex., Randolph Fld; San Marcos, Tex., AAF; Sioux Falls, S.D., Arpt; Smithville, Tenn., CAA Fld; Skwentna, Alaska, CAA Fld; Tanacross, Alaska, CAA Fld.

All other airport approach zones have been abolished. All new and revised airport traffic zones are depicted on Airman's Guide charts.

N.B. This corrects Airman's Guide citation of May 13, 1947.

AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: Correct "TO-08-15-1", dated April 24, 1947, page 24, by showing Annapolis Tower with location at Annapolis NAF Seaplane Base. Field elev.: Sea Level; landing class: Unlimited water landing area; page 94, by showing CW call sign for Langley as WYC rather than WYCF, and by showing reference page number for Kirtland Field as 44 rather than 46; by adding CLEARANCE OF AAF AIRCRAFT: Nat'l Guard Units are not authorized to clear AAF aircraft. At bases occupied solely by National Guard, clearance for AAF aircraft will be obtained from Flight Service in accordance with provisions of paragraph 2, AAF Regulation 60-22; page 38, by correcting Bolling Field facility to show both channels B and C guarded by control tower; page 94, by correcting frequency listing for Bolling Field as 4765+, as this is not a Trans-Atlantic frequency; page 23, by showing a VHF fan marker at same location as Cuddin homing facility on NE leg of Westover range.

WEATHER REPORTING SERVICE

Weather Reporting Location	Type of Report	Lat., Long.	Elev.	Effective Date
Fontana, Calif.	Supplementary			Discontinued
Holtville, Calif.	Supplementary			Discontinued
Melbourne, Fla.	Pibal	28°06', 80°38'	27'	Begun
Ardmore, Okla. (AAF)	Supplementary	34°18', 97°09'	866'	Established
Port Angeles, Wash. (Clallam Co. Airport)	Supplementary	48°08', 123°30'	290'	Established
Ocean City, Md)	6-Hourly	39°20', 75°05'	16.9'	Re-established
Arcata, Calif.	Supplementary			Established

N.B. Tonopah and Fallon, Nev. hourly weather reporting stations were not reopened Activation indefinitely postponed.

AIRPORT AND RADIO NOTICES

LEGEND

** - New or revised airport, danger areas, or miscellaneous data to be inscribed on charts or added to records

★ - New or revised radio data to be inscribed on charts or added to records.

FOREIGN DATA

SPECIAL NOTICES

FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES: These procedures and regulations were all incorporated into the Flight Information Manual, Volume 1, No. 2, dated January 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the Airman's Guide.

CAUTION ADVISED IN USE OF GUATEMALA-HONDURAS AREA AERONAUTICAL CHARTS: Flight checks have revealed that elevations indicated on Gulf of Fonseca (710) Aeronautical Chart covering the Guatemala-Honduras-Nicaragua Area dated Dec. 1946, are as much as 4300 feet too low. This chart base is being thoroughly re-checked and a new chart will be issued as soon as possible.

✓ TRANSMISSION OF INTERNATIONAL NOTAMS: Effective May 10, 1947, the transmission of International Notams to Service A circuits by WSY, New York was discontinued. Offices desiring receipt of this material should obtain receiving drops on the Service O system.

✓ INTERNATIONAL RADIOTELETYPE CIRCUITS: Effective May 16, 1947, WFM Lagnes, Azores permanently decommissioned. The following radioteletype circuits are established and in operation at CSY Santa Maria: WSY New York , EIP Shannon; FXO Paris; WFH Port Lyautey. Inter island radioteletype link CSY Santa Maria to WYQY Lagens will be continued until further advised. All above circuits are operating in accordance with ICAO Communications Procedures.

✓ NAVAL COMMUNICATIONS WITHCOMMERCIAL AIRCRAFT IN CARIBBEAN AREA: Effective March 24, 1947, and until further notice, NAS San Juan, NAS Trinidad, NAS Guantanamo, guard 6515 kcs voice continuously, transmitting and receiving for communications with commercial aircraft.

AFRICA-Dakar Weather Broadcast: Effective 0820Z GCT, March 24, 1947, station WFG commenced broadcasting Dakar METAR hourly at 20 minutes past each hour on 3285 kcs., A1 emission.

ALASKA-Enroute Minimums: The minimums between Annette and Petersburg are 5000' N-bound and 6000' S-bound; between Petersburg and Gustavus 7000' N-bound and 6000' S-bound.

Kodiak NAS: Navy GCA Unit now prepared to transmit instructions on tower low freq. to acft not able to receive on any other frequency. (5-15)

BERMUDA-Somerset NAS Radio Facility: Somerset, Bermuda NAS transmissions air ground CW 3285 kcs. were discontinued April 3, 1947.

BRITISH WEST INDIES-Antigua: The following red obstruction lights have been discontinued at Antigua NAF. Aircraft utility building height 50' two lights. Main supply building height 60' one light. Power house height 40' one light. The following red obstruction lights will be discontinued at Sunrise June 1, 1947. Three obstruction lights on water tower, two at 75' level and one at 155' level.

Goat Island, Jamaica Coast Guard Radiobeacon: The Coast Guard Radiobeacon at Goat Island, Jamaica, has been discontinued

Kingston, Jamaica, Montego Bay Airport. Montego Bay Airport is a British-controlled airport now under limited operation by Pan American Airways. It is necessary for all flights departing from Montego Bay for points in the U.S. to file flight plans with the Kingston ATC through the Kingston Communications Station - call letters MRX. Flight plans also must be filed for all flights departing from U S. for Montego Bay They may be filed for transmission to Montego Bay through the CAA-operated Overseas Foreign Aeronautical Communications Station at Miami - call letters WBR, or New Orleans - call letters WEK.

Kingston, Jamaica, Palisadoes Airport Facilities: The Palisadoes Airport is a British Government controlled airport. The Government controlled tower transmits on 397 kcs only, and guards 2870, 3105, and 6210 kcs It is necessary for all itinerant flights coming to Palisadoes to file Flight Plans from point of departure to the Communications Station at Kingston - call letters MRX. This Flight Plan should be marked for Information Palisadoes Airway Traffic Control The route frequency of 6515 kcs. A3 emission is guarded at MRX. They have a good signal on this frequency and can be read consistently throughout the day and night in the Caribbean Area. Flight Plans may be filed for transmission to Palisadoes through the CAA operated Overseas Foreign Aeronautical Communications Station, WBR, Miami.

CANADA- Ashcroft, B.C.-Radio. Stn now gds (4). (5-1)

Argentia, Nfld.-Radio: Navy low-pwrd rng ident "APN". (5-1)

Buchans, Nfld.-Radio: Stn now gds 3105, 3117 5, 6210 kcs. (5-1)

Dartmouth Airport, N.S. -Radio: Army twr now transmits on 278 kcs.; 126.18 mcs (5-1)

Fort Nelson, B.C.-Radio. Stn now gds (4); 3005, 5377.5 kcs. (5-1)

Fort St. John, B.C -Radio. Stn now gds (4), 3005, 5377.5 kcs. (5-1)

Gander, Nfld.-Radio: Distantly-controlled voice feature on H fac now transmits on 363, 5692.5 kcs. Weather bdcast Gander, Stephenville, Torbay, Montreal, Moncton, and Seven Islands. (5-1)

Goose, Labrador-Radio. Correct log. for rng stn: 60°20'53" W. (5-1) • DF stn calibrated for DF bearings on 6577 kcs only. (5-1)

Moncton Arpt, N.B Radio: Twr now transmits on 278 kcs.; 118.1 mcs. Gds (4); 118.1 mcs. (5-1)

Montreal, P. Q. -Radio. Bear. and dist., stn to fld: 103°, 4.0 mi.(5-1)

Ottawa Arpt, Ont.-Radio. Twr now transmits on 278 kcs.; 118.1 mcs. Gds 3105, 3117.5, 6210 kcs., 118.1 mcs. (5-1)

Penhold, Alta.-Radio: Stn bdcasts weather: Edmonton, Penhold, Calgary. (5-1)

Pennfield Ridge, N.B.-Radio. Rng courses realigned: 168°-A, 272°-N, 359°-A, 104°-N. (5-1)

Porquis Junction, Ont.-Radio. Rng freq changed to 212 kcs. (5-1)

Sarnia, Ont.-Radio: Voice fac comm. on rng freq. Class: SBRA. Gds. 3105,3117.5 kcs. 0800-1600. Weather bdcast 10 and 40; Sarnia. (5-1)

Saskatoon, Sask.-Radio: Stn now gds 3105, 3117.5, 6210 kcs. (5-1)

Smithers, B.C.-Radio: Stn now opers cont. (5-1)

Vancouver Airport, B.C.-Radio: Twr now transmits on 278 kcs., 116.1, 126.18, 118.1 mcs. Gds (4); 116.1, 126.18, 118.1 mcs. (5-1)

Watson Lake, Y.T.-Radio: Stn class: SBRAZ-PT. Gds (4), 3005, 5377.5 kcs. (5-1)

Whitehorse, Y.T.-Radio: Stn now gds (4), 1674, 2946, 5037.5 kcs. (5-1)

Windsor, Ont.-Radio: Stn now gds 3105, 3117.5, 6210 kcs. (5-1)

Yellowknife, Northwest Territory-Radio: Rng comm, lat. 62°-25' N, long. 114°27' W; var. 37° E. Class: SBRA-P. Rdo call "VFBA". Ident. "ZF". Courses 140°-A, 224°-N, 296°-A, 044°-N Transmits on 233 kcs.; gds 3105,3117.5,6210 kcs. Weather bdcast 10 and 40; Providence, Hay River, Ft. Resolution, Yellowknife, Port Radium. Bear. and dist., stn to fld. 320°, 3.4 mi Arpt elev. 650'. (5-1)

CUBA-Rancho Boyeros Airport, Havana Cuba: Effective May 19 1947, and until further notice, all aircraft operating into and out of the Rancho Boyeros Airport must file flight plan prior to entering the area. This applies to both IFR and CFR flights. Form of flight plan as follows: Identification; type, route of flight, time of flight departure, time of minutes, altitude, CFR or IFR indicated by C or N respectively and alternate if necessary. Example: NC60459 DC3 Miami Havana 1230 92/60N KW For trial period and until further advised all flight plans except Expreso and those presently using PAA communications fatilities may be forwarded through WBR addressed to OAHAV at no charge.

GREECE-Hassani Airport, Athens, Greece Radio Call: Effective April 30, 1947, call sign WWJC replaced Army call sign WUCW on all circuits formerly using call signs at this station.

MEXICO-Mexican Entry Fees: At Mexican Airports of Entry, charges include an overtime fee of 30 pesos after 12 noon for Immigration Inspection and a fee based on a full day's wage for each inspector involved for each 3 hours of overtime or fraction thereof after 2 P.M. for a Customs Inspection. Charges may also be made for a Customs guard to watch the plane and for the taxi fare to bring inspectors to the field after 12 noon. In American money total fees may approximate $15 to $20.

PUERTO RICO- San Juan Pre-Flight Clearances: San Juan Civil Air Terminal (U.S. Naval Air Station), Isla Grande Airport, San Juan, Puerto Rico - All civil operations at San Juan Air Terminal were assumed by the Puerto Rico Transportation Authority effective March 4, 1947. Authority must be obtained for landings at this airport prior to the commencement of any flight. Address requests to Airport Division, Box 3508, San Juan, P.R. Cable address is "Autoritan".

San Juan, P.R., Losey Field: May 1, 1947, Puerto Rico Transportation Authority took over the operation of Losey Field at Ponce. Operations at this field are restricted except in emergency to the southernmost 150' of the E/W runway - several bad holes on the northern halt. NW/SE runway closed. Field available to daylight CFR operations only. (4-25)

DOMESTIC DATA

ALABAMA

ALBERTVILLE ARPT-SW side of strip soft, rough and washing. Soft in spots in wet weather. (4-29)

ANNISTON ARPT-Ends of strips soft in wet weather. (4-29)

BARIN NAAS EAST AND WEST FIELDS (FOLEY)-Closed to trans acft. (5-6)

★BATES FLD (MOBILE)-RADIO: May 18, CAA twr now transmits on 317 kcs, 118.9 mcs. Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-18)

BIRMINGHAM ARPT-Closed to civil acft not equipped with operating rcvr. No landings on sodded areas. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling rnwys. (5-20)

BROOKLEY FLD (MOBILE)-RADIO: Effect. Apr. 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Soft-use rnwys, taxi strips only. (4-23)

CENTRE ARPT-NNW/SSE strip closed. N side E/W strip rough in wet weather. Avail. lgt acft only. (4-29)

CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Bndry lgts inop. (11-12)

DANNELLY FLD (MONTGOMERY)-NE taxi strip closed (parked acft)(8-12)

EUTAW ARPT-Use NW/SE strip only. (4-17)

GUNTER FLD (MONTGOMERY)-Use rnwys only. Sod areas adj rnwys and taxi strips soft. Use Maxwell Fld for trans svcg. (1-10)

HARTSELLE ARPT-Graded area rough. Soft when wet. Use W side of strip. (2-3)

HUNTSVILLE ARPT-Sod strip rough at rnwy crossings. Ngt approaches use ctn-hills NE, S, E (4-29)

MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel rnwys. (10-17)

★MOBILE-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (5-20)

MOTON FLD (TUSKEGEE)-Soft spots after heavy rains. (2-18)

NAPIER FLD (DOTHAN)-Avail. civil acft in emerg only. Obst lgt atop 175' water tank inop. (1-12)

ONEONTA ARPT-N 800' strip wet, soft and rough. Unserviceable in wet weather. (4-29)

VAN DE GRAAFF ARPT, SITE 59, FV-AG (TUSCALOOSA)-Extreme NW and SW ends fld soft in wet weather. (4-29)

ARIZONA

ASHFORK INT, SITE 36A, LA-AC-Center 100' of strips rough, rocky, bal fld hazardous-grass, hills. (3-4)

DAVIS-MONTHAN FLD (TUCSON)-E fld closed-acft parked on rnwys. Blinding ceilometer W end fld between ends of NW/SE, E/W rnwys. Rnwy 12-30 closed until June 5, During time rnwy closed, pilots land at own discretion during high winds; during high winds 20 mph or above, fld will be closed to all lgt acft, C-45 or below. Equip E Rnwy 12 30, 600' S Rnwy 8-26, lgtd. (4-25)

DEEP LAKE INT, SITE 54A, LA-AC-Avail. emerg. use only-soft. (3-4)

DOWNTOWN ARPT (TUCSON)-Rnwy 30 lgtd ngts for 2 weeks per month from 1900 to 2300 for pilot training. Only obst lgts are those in line with lgtd rnwy. All ngt training flights will operate S of arpt. (2-3)

FLY FLD (YUMA)-800' traffic pattern all rnwys. Avoid local traffic days. Parking rstd to W side fld. (3-22)

HOLBROOK INT, SITE 51B, LA-AC-Equip. on fld daylgt hrs. (5-10)

KINGMAN AAF No inst flights cleared to Kingman. No obst lgts atop Haulpai Mtn. (8500' MSL) 11 mi S. (3 10)

LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. No ngt opers. (3-13)

LUKE FLD (PHOENIX)-Traffic direction indicator on second hangar from N inop. Traffic direction indicator S end N/S rnwy free-swinging. (1-7)

NOGALES INTERNATIONAL ARPT-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (5-5)

PHOENIX-Inst. training on Phoenix Range between 5500' and 9500'.

**PHOENIX AIRHAVEN-Name changed to Air Haven (Phoenix) (12-13). See page 102.

RYAN FLD (TUCSON)-Suitable for landing by all lgt acft up to and including Twin Engine Cessna, AT6, etc. Heavy aircraft use runways in wet weather. (4-28)

ARIZONA

SKY HARBOR ARPT (PHOENIX)-Area E of N/S rnwy closed-rough. Installation of ILS in progress off end of Rnwys 26 and 8, mrkd. (5-10)
THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strl ps only (parked acft)
TUCSON ARPT-Soon fld will not be lgtd. Acft desiring to use fld after dark shall give 2 hrs advance notice in order that lgts may be turned on. (5-8)
WILLIAMS FLD (CHANDLER)-Use rnwys only.
WINSLOW-RADIO: About May 29, new VARW fac will be comm at lat 35-03-29, long. 110-47-46. Freq. 108.7 mcs. Ident. "WO". Visual courses: 21°,201°; aural courses: 111°, 291°. Voice fac will be added at a later date. (5-24) This corrects Airgl Vol. 2, No. 4.
WINSLOW ARPT-E end E/W taxi strip beyond first tie-in closed. (4-30)
YUMA-RADIO: Courses aligned by ground check only. (5-22)

ARKANSAS

**AMERICAN LEGION ARPT (BLYTHEVILLE)-ABANDONED. (5-13)
BIGGERS ARPT-Use strips only-cattle on fld. (4-25)
**COOTER ARPT (BLYTHEVILLE)-ABANDONED.
EL DORADO-RADIO: Ctn - VHF range unmonitored. (4-10)
EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only. (1-10)
ERWIN FLD (NEWPORT)-Use rnwys only-cattle on fld. (4-25)
FORT SMITH ARPT-Taxi strips connecting E/W rnwy with Admin Bldg closed to all acft of 5000 lbs or more. W end NE/SW rnwy from intersection W closed, mrkd Bndry lgts this area inop. (4-6)
GRIDER FLD (PINE BLUFF)-Closed ngts. (3-11)
HOPE ARPT-Use rnwys only. (4-9)
**HOPE-PRESCOTT ARPT (PRESCOTT)-Name changed to Prescott Arpt. See page 112
★HOT SPRINGS MEMORIAL ARPT-RADIO: Mobile Army twr discont (5-15) FLD: ** Formerly carried as McLaughlin Fld. (5-8) See page 88. Use ctn when landing and taking off. Soft sod in wet weather. (5-15)
JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)
LEVEE FLD (WEST MEMPHIS)-Ctn when wet. (9-23)
LITTLE ROCK-RADIO: About May 29, NE course will be realigned to 209°. (5-20) Stn guards 3117.5 kcs 2200 to 0600
LUXORA INT, SITE 39, NO-LS-30' unlgtd pole line being erected S end N/S rnwy (9-27)
MANILA ARPT (BLYTHEVILLE)-Use SW quarter of fld only. (4-25)
McGHEE ARPT-Cattle on fld intermittently. (9-6)
MILLTOWN ARPT (NEWPORT)-Use rnwys only-cattle on fld. (4-25)
PINE BLUFF-RADIO: Ctn - VHF rng unmonitored (4-10)
PRAIRIEVILLE ARPT (STUTTGART)-Ctn on taxiways.
**STEELE ARPT (BLYTHEVILLE)-ABANDONED
**STUTTGART ARPT-Formerly carried as Stuttgart AAF (5-15). See page 88.
THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only,fld soft and rough (3-17)
WALCOTT FLD NO. 3 (WALNUT RIDGE)-Use rnwys only-cattle on fld. Soft-heavy acft use ctn. (4-25)
WALNUT RIDGE-RADIO: About May 28, N and S courses will be realigned to 200° and 20° respectively. (5-20)
WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only. Equip. on fld. Closed 1730 to 0800. NE/SW rnwy closed. (3-17)

CALIFORNIA

ALAMEDA NAS-Maintain high approach on Rnwys 26L and 21. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Equip. adj to and on rnwys. Fld on positive control. (4-16)
ARCATA ARPT-Closed to acft without 2-way rdo. Use surfaced areas only. (3-25)
AUBURN PEAK, BCN SITE 103 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
BAKERSFIELD-KERN CO. ARPT-Unlgtd 92' pwr line 1/2 mi N of bndry. (2-21)
BAY MEADOWS ARPT (SAN MATEO)-Const on rnwys and taxiways until approx July. Rnwy 31 usable in all weather for acft up to 2500 lbs. Taxiways closed during wet weather, and should only be used with ctn during winter months. When taking off on Rnwy 31, make a climbing turn of 45° to the right after crossing 19th Ave. but not lower than 200'. When landing acft turn off rnwy toward nearest taxi strip. No taxiing back on rnwy. (2-21)
BECKWOURTH ARPT-Soft, rough during winter. (2-17)
★BLUE CANYON-RADIO: May 15 MH fac decomm. FM will continue to oper. May 21 weather reporting service resumed oper. Reports avail. 0800 to 1700.
BLYTHE ARPT-Obst lgts atop control twr inop. (2-28)
**BLYTHE AAF-Right of entry granted city. Change name to Blythe Arpt. (5-13). See page 100.
BORDERLAND FLD (SAN YSIDRO)-Target drone Unit 38 conducting flights between 0900 and 1600. (1-21)
BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs)
BURBANK-LOCKHEED AIR TERMINAL-Right traffic Rnwys 7,15; left traffic Rnwys 25,33. Approach lgts Rnwy 7 changed to red. 2-way rdo rqrd all acft Rnwy 13-31 closed (parked acft). (4-29)
CAL AERO ARPT (ONTARIO)-Use rnwys only (parked acft) (3-24)
CAMARILLO-VENTURA CO. ARPT-Use rnwys, shoulders only. Taxiways and bldg area closed. (4-28)
CANNON FLD (FRESNO)-Will be perm closed soon. (4-3)
CASTLE FLD (MERCED)-No opers office. (3-24)
CATALINA ARPT (AVALON)-Private arpt. Scheduled Airline opers only. Use by other than UAL absolutely prohibited. (3-20)
CATES, BCN SITE 234 MI BLINKER, SF-SA-Bcn inop. (2-17)
CLEAR LAKE SEAPLANE BASE-Avail. in emerg only. (6-11)
COALINGA ARPT-NW 1500' NW/SE strip rutted. Shoulder adj to inside of strip avail. for taxiing. Left traffic at 500'. (5-20)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)
CORCORAN-135' unlgtd twr being const adj Santa Fe Railroad, downtown Corcoran. Upon completion will be 148' high and lgtd
COTATI OLF -Crash truck avail. at Santa Rosa NAAS upon req (2-27)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs)
DAGGETT INT, SITE 13, LA-AQ-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. Areas immediately outside bndry lgts utilized for sto Remain on rnwys unless in vcnty of bldgs N of intersection Rnwys 3,7 (3-13)
DEATH VALLEY NATIONAL MONUMENT (FURNACE CREEK)-All traffic away from mountain side of strips regardless of wind. (2-20)
DEL MAR ARPT-Right traffic at 600' with prevailing westerly winds (3-3)
DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only (3-31)
DONNER SUMMIT-RADIO: Courses aligned by ground check only (5-23) These data rcvd too late to delete ⓪ smybol from charts 19 and 77
EL CAJON ARPT-Right traffic when landing and taking off to the E (3-26)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times (12-11)
EL TORO MCAS (SANTA ANA)-Fld carrier landing practice Rnwy 25L Trans acft use Rnwy 25R when practice in progress. (11-15)
★FAIRFIELD-SUISUN AAF-RADIO: Army ILS operates 1000 to 1800 Mon thru Fri and on 30 min call thru twr for training and emerg only. (5-16) Army rng unreliable, use for homing only. (3-13) Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: First 1000' Rnwy 25 open to acft days and CFR opers only. (3-13)
FILLMORE ARPT-Private fld. Acft parked adj to strip. Expected to be open to public before June 1. (3-20)
GARY FLD (BLYTHE)-Use rnwys only (parked acft)
GILLESPIE ARPT (EL CAJON)-Use E/W rnwy only. Right traffic when landing and

taking off to the W. (3-26)
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. Closed ngts (lgts inop). (1-28)
HAMILTON FLD (SAN RAFAEL)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Exten to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off to the NE-right when landing or taking off to the SW. All flying under supervision of arpt manager at all times. (3-19)
HASTER FARM OLF (GARDEN GROVE)-Closed to all civil acft except in emerg or by approval of the CO, NAS Los Alamitos. (4-9)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Arpt. (3-26)
**HAYWARD ARPT-No lgts. (5-8)
HOBERG ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)
HOLTVILLE ARPT-Closed-emerg use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil acft except in emerg or by approval of the CO, NAS Los Alamitos. (4-9)
HUGHES ARPT (CULVER CITY)-Closed to public use except in emerg. (5-2)
HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (5-5)
LINDBERGH FLD (SAN DIEGO)-Acft departing for or arriving from Mexico land at Lindbergh Fld for customs clearance: (1-29)
**LIVERMORE OLF-Formerly carried as Livermore NAS. See page 74. Avail. emerg use only. (10-1)
LIVERMORE SKY RANCH ARPT-Avail. lgt acft only, except in emerg. (2-18)
LOCKHEED AIR TERMINAL-See Burbank.
LONG BEACH-Steel cable suspended approx 30' above water across W end Long Beach Marine Stadium until June 2. (5-17)
LONG BEACH ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (3-20) FLD:Ltd maintainance and only 100 oct avail. Army acft. (2-28)
LOS ALAMITOS NAS (LONG BEACH)-Closed 1630 to 0800 except in emerg or by prior arrangement. (4-9)
LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl area from 2000 to 2300 daily. (7-26)
LOS ANGELES-RADIO: Occasional course displacement observed - use only when acft equipped with ADF for course monitoring. (5-8)
LOS ANGELES ARPT-RADIO: Lclzr and glide path of CAA ILS shut down for const. Outer mrkr inop being relctd 6 mi from end of Rnwy 25. Middle mrkr will soon be relctd 0.64 mi from end of Rnwy 25. FLD: Ctn approach to Rnwy 29-two 25' poles at arpt bndry within this approach zone, unmrkd, unlgtd. Parked acft within approach zone to and parallel wi th S side Rnwy 29. Unlgtd oil derricks on approach to Rnwy 34. E/W paved strip S side fld avail. taxiing only. N side fld under const. Equip. on fld. All landings, take-offs and taxiing rstd to paved areas. Rnwy 4-22 closed. Unlgtd 40' pole 350' S of twr. (5-9)
LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be avail. on short notice due to congestion in anchorage area. Two hrs advance notice should be given if possible. (7-1)
MACHADO ARPT (SANTA MARIA)-Use strips only. (2-23)
MARCH FLD (RIVERSIDE)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 7-25 closed-avail. on twr permission only. (1-8)
MARTINEZ ARPK-Unusable during rainy weather. (2-24)
MATHER FLD (SACRAMENTO)-Use rnwys only-mat unserviceable. (1-29)
McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip. and parked acft adj all rnwys and taxiways. Shoulders, unsurfaced areas unsafe.(4-23)
MERCED MUN. ARPT-Daylgt oper of bcn is to warn local and trans acft of approaching airline acft. (3-23)
MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil acft except in emerg or by approval of the CO, NAS Los Alamitos. (4-9)
MODESTO ARPT-Range lgts being installed across rnwy ends. Const and soft spots mrkd. (3-28)
MOFFETT NAS-LTA (MOUNTAIN VIEW)-Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. (12-20)
MOJAVE NAS-Closed to all acft except on off. bus. (2-1)
**MONTAGUE ARPT-Bcn, bndry, range obst lgts. Bcn oper hrs of darkness, fld lgts on prior req. (2-18). See page 20.
MONTEREY PENINSULA ARPT-Right traffic Rnwys 24,28; left Rnwys 6,10.(2-25)
MUROC AAF-RADIO: Army range unreliable and to be used for homing and training purposes only. (2-18) FLD: Lctd within a danger area. No facs 1900 to 0700 Suns. Closed to all trans acft except on written permission Commanding General, Air Materiel Command. Acft will not carry trans passengers to this fld. (3-7)
★NEEDLES-RADIO: VHF voice fac avail. on 111.1 mcs. Rcvg watch on 122.1 mcs comm May 23. Courses aligned by ground check only. Too late for data page and charts.
OAKLAND ARPT-Rock surface area adj to Rnwy 27R avail. small acft, Adhere to instructions issued by twr. Maintenance facs avail. 0800 to 1800. Closed to acft not equipped with two way rdo except acft may land for repairs or fuel without rdo on permission from arpt supt. Rnwy 6-24 avail. lgt acft only. Taxiway leading from Rnwy 33 to Navy ramp closed. Equip. on E/W taxiways and parking arpon sealing expansion joints. Heavy acft use rnwys, taxi strips only. Arpt channel unmrkd day, ngt. (5-13)
O'BRIEN, BCN SITE 21B, SF-SA-Soon bcn si te, 15-1/2 mi NNE Redding, Calif. will be perm discont. (12-14)
O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only, muddy when w et. (5-19)
OXNARD-VENTURA CO. ARPT-Bndry lgts inop. Const, equip. on fld days. Use rnwys, taxiways only. (4-28)
PALM SPRINGS ARPT-Right traffic, all take offs and landing on Rnwys 31,35. Rnwys 17,13 usual left. (2-25)
PASO ROBLES-RADIO: VHF rng flgt-checked May 15, courses correctly aligned.
**RAMONA ARPT-Formerly carried as Romona OLF. Open to civil acft. (5-7) See page 98.
ROCKLIN, BCN SITE 93, MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
SACRAMENTO ARPT-Use rnwys, taxi strips only-shoulders and fld soft. Unsafe small acft-rough. (2-21)
SAGE, BCN SITE 114 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
★SALINAS-RADIO: May 13, low freq stn voice fac comm. VHF voice fac avail. on 116.1,111.1 mcs for both low and high freq rngs. Rng flgt-checked courses correctly aligned. VHF rng voice feature comm May 20. See page 72.
SAN DIEGO-Night fighter train. being conducted within the following described areas: (a) A sector of a circle with radius of 40 mi centered at lat 32-54-30, long. 117-07-24 extending clockwise between lat 32-20-00, long. 117-03-20 and lat 33-18-20, long. 117-37-30, excludi ng those portions which lie wi thin the confines of civil airways and S of the U.S.-Mexico bndry. (b) A sector of a circle with radius of 40 mi centered at lat 32-54-30, long. 117-07-24 extending clockwise between lat 33-23-30, long. 117-29-30 and lat 32-50-30,long. 116-26-30 excluding those portions which lie within the confines of civil airways.
SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing thru Point Love (black and orange checkered buoy) unless directed by twr. Point Love (black and orange checkered buoy) is lctd on traffic pattern 1-1/2 mi S of Hotel Del Coronado. Acft crossing air traffic

CALIFORNIA

lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibious Training Base at an alt of less than 1500'. Multi-engine acft land on heavy duty rnwys, single-engine acft on asphalt mat. (12-5)

★SAN FRANCISCO-RADIO: VHF voice fac avail. on 111.1 mcs. Stn now gds 122.1 mcs. These data rcvd too late for data page and charts. (5-15)

SAN FRANCISCO ARPT-RADIO: About Aug 1, CAA ILS will be comm serving E/W rnwy with approach from E. Lclzr freq 109.5 mcs with ident. "SF" transmitter lctd 220' from W end of E/W rnwy. Glide path frcq 332.6 mcs, transmitter lctd 550' from E end E/W rnwy and 625' N of rnwy centerline. Outer mrkr will be lctd 6.6 mi from E end of E/W rnwy, keyed 2 dashes per second, inner mrkr will be lctd 4550' from E end of E/W rnwy, keyed with alternate dots and dashes. No bndry mrkr. Will operate cont. (5-14). This corrects Airgl, Vol. 2, No. 4. FLD: Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Equip. extreme E end Rnwy 10-28. E 200' Rnwy 10-28 closed for landing acft days only. (5-6)

SAN FRANCISCO CGAS-Seaplane harbor, channel and landing area unmarked day or ngt. Facs avail. but unmrkd. Seaplanes landing can be taken care of either at Coast Guard or PAA. (3-22)

SAN MATEO ARPT-Avail. lgt acft only-const. (2-24)

SAN NICOLAS ISLAND OLF-Use in emerg only (caretaker status-no facs).

**SANTA BARBARA ARPT-Lighting sys not operative after 2200. (5-9) Equip. on fld. Closed to glider opers. (5-15)

SANTA MONICA ARPT-CLOVER FLD-Avail. trans acft wi th 2-way rdo. Closed ngts and to all student pilots. (5-6)

★SANTA ROSA NAAS-RADIO: Navy twr decomm May 7.

SAUSALITO-RADIO: About June 5, FM will be decomm. (5-19)

SHASTA SKY RANCH ARPT (FALL RIVER MILLS)-Ctn when wet. (2-24)

SHERMAN FLD (WALNUT CREEK)-NW/SE strip closed until July 1. Equip. adj to NNE/SSW strip. (5-6)

SHERWOOD FLD (PASO ROBLES)-40' unlgtd wires E end E/W strip. (3-17)

SILVER LAKE INT, SITE 18, LA-SL-E quarter fld rough. (3-24)

STOCKTON ARPT-Rnwy 4-22 closed. Taxi lgts inop. No 100 oct. Single ended bcn operating without course lgts. (5-11)

SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NAAS Ream Fld. No communications at landing strip, (12-5)

TERMINAL ISLAND NAAS (SAN PEDRO)-Soon, no svcg will be avail. trans acft except in emerg. Trans acft not cleared after sunset. (4-22)

TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (3-7)

**UKIAH ARPT-Bcn opers hrs of darkness, fld lgts on prior req. (2-11). See page 20.

VAN NUYS METROPOLITAN ARPT-Avail. civil acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without radio may enter providing previous arrangements have been made with twr. (12-5)

VERNALIS FLD-CLOSED. (1-14)

VICTORVILLE AAF-Use Rnwys 16L-34R,7R-25L,3R-21L only. (5-13)

VULTEE FLD (DOWNEY)-Rnwys avail. days only when on off. bus. (3-25)

WARM SPRINGS ARPT-Heavy acft avoid fld during rainy weather. Glider opers with plane and auto tows. Tall grass and equip. on fld. (3-14)

[redacted]

BUCKLEY FLD (DENVER)-RADIO: 126.18 mc transmitter temp inop. (4-7) FLD: No lgts, messing, transportation or lodging facs. (4-5)

CRESS FLD (WESTCLIFFE)-Use rnwys only. (2-19)

DENVER-SPECIAL NOTICE-On the evening of June 3rd from dusk until 10:30 the War Assets Admin. will demonstrate an 800,000,000 candle-pwr searchlgt in the interest of Air Power. Fliers are cautioned to avoid its blinding effects.

FLAGLER ARPT-Avail. ski-equipped acft after heavy snows. (2-19)

FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)

COLORADO

★GOLDEN-RADIO: May 14, bone-shaped FM comm at lat 39-48-42, long. 105-13-06, 17.3 mi, 237° W of the Denver low freq rng, ident. 4 dashes. Flgt-checked, oper normal.

LOWRY FLD (DENVER)-Equip. on fld. 0800 to 1700 Mon thru Fri.(4-11)

PINE VALLEY ARPT (COLORADO SPRINGS)-All rnwys avail. between mrkrs only. Use rnwys only. (4-23)

PUEBLO-Demolition being conducted wi thin the following described area: bounded on the N by lat 38-17-28; S by lat 38-16-19; W by long. 104-18-38; E by long. 104-17-40.

PUEBLO ARPT-Rot. bcn atop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW/SE rnwy unlgtd. NE end NE/SW rnwy designated as calm wind rnwy. Tetrahedron modified to automatically choose the calm wind rnwy when wind velocity below 7 mph. All acft land, take-off according to the tetrahedron. (3-24)

RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)

ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (fone lines). (5-14)

RUSTON FLD (DENVER)-Strips soft during wet weather. (1-18)

RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.

SKY RANCH ARPT (DENVER)-Right traffic Rnwys 26,30,36; left traffic Rnwys 8, 12,18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (3-27)

TRINIDAD ARPT-Strips avail. lgt acft. (2-21)

WALKER FLD (GRAND JUNCTION)-Filled ditches both sides of taxi strip extending from NW/SE strip rough and soft. (4-2)

CONNECTICUT

★BRADLEY FLD (WINDSOR LOCKS)-RADIO: May 7, CAA ILS comm and flgt-checked Lclzr transmitter lctd 1203' from NE end of NE/SW rnwy at lat 41-56-51, long. 72-40-36. Glide path transmitter lctd 450' SE of centerline of NE/SW rnwy and 900' from SW end of NE/SW rnwy, at lat 41-56-11, long. 72-41-25, Glide path angle: 3°. Sys operates 0730 to 1600 Mon thru Fri. Sys will be unmonitored. Outer mrkr will be added at a later date. See page 54.

BRAINARD FLD (HARTFORD)-Equip. on fld intermittently. 300' bldg under const 1-1/2 mi NW fld bndry, close to NW leg Hartford Range. Flood lgts N end N/S rnwy inop. (4-8)

★BRIDGEPORT-RADIO: Bridgeport twr does not control rng voice fac. (5-17) This corrects Airgi Vol. 2, No. 4.

★BRIDGEPORT ARPT-RADIO: CAA twr now gds 3105,4495,6210,3117.5 kcs., 118.7, 122.5,126.18 mcs. (5-22). These data rcvd too late for data page. FLD: Use rnwys only. (3-27)

BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N and S ends of fld and on taxiway between fld and shop. (4-21)

GROTON TRUMBULL ARPT-Water twr being const atop hill 1 mi NW. 107' derrick being used during const, unlgtd. (5-19)

HAMMONASSETT FLYING FLD (MADISON)-Use NE/SW strip. E/W strip avail. in emerg only (bldgs, hedges on W bndry). (5-5)

HARTFORD-RADIO: Rng flgt-checked May 13, courses correctly aligned. Auto. range monitor sys inop. (9-30)

KINSLEY FLD (SOMERS)-Temp closed-avail. emerg use only. (4-21)

NEW HAVEN ARPT-Avail. days only. Use rnwys only. No local take-offs or landings during airline arvls and dptrs when signalman stationed at approach end of rnwy being used, displaying red flag. (4-21)

PUTNAM INT, SITE 14, LG-BW-CLOSED. (5-14)

SOUTHINGTON ARPT-Right traffic when taking off and landing to the E and SE. (4-25)

STEPHENSON ARPT (BRISTOL)-S 350' N/S strip being graded. Equip. and rough area mrkd, bal rnwy avail. lgt acft. (4-21)

**STONINGTON ARPT-Formerly carried as Foster Arpt. See page 56.

CONNECTICUT

WATERBURY ARPT (PLYMOUTH)-Muddy with scattered puddles-avail. with ctn. (3-11)

DELAWARE

**BETHANY BEACH-Anti-aircraft range estab in vicinity within the following described area: an arc of a circle with radius of 20,000 yds centered at lat 38-32-30, long. 75-03-15 extending clockwise between 33° true and 172° true.

**DU PONT ARPT (WILMINGTON)-Rnwy ctc lgts avail. (1-24). See page 66.

NEW CASTLE CO. ARPT(WILMINGTON)-Use rnwys only. Equip. on fld days. (3-14)

DIST. OF COLUMBIA

SPECIAL NOTICE-The Administrator of Civil Aeronautics has designated the Mt. Vernon National Monument a congested area. In accordance with C.A.R. 60.105 all acft will maintain at least 1000' over Mt. Vernon, lat 38-42-40, long. 77-05-30.

SPECIAL NOTICE-TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL AIRPORT, LAT 38-53-46, LONG. 77-08-05. (3-22)

ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of two hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (7-12)

BOLLING FLD (WASHINGTON)-Rnwys 10-28,14-32 closed. Rnwy 17-35 closed to acft when weather minimums below ctc flight minimums. Rnwy 2-20 avail. (3-12)

WASHINGTON NATIONAL ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. GCA equip. operating on exper basis only. Cannot provide emerg landing service at this time. (4-8) Following instrument landing minimums have been established for all Army traffic except scheduled ATC flights. Day and night: Form 8 white card holder 300' and 1 mile. Form 8A green card holder 500' and 1 mile. Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only. (1-16). FLD: 315' twr Rdo Stn WOOK under const 7 mi NNE (10° true). (4-16) ARMY: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas flights using customs and immigration clearance facs of aerial port of embarkation. (c) Flights transporting VIP and General Officers above grade of Maj. Gen, as well as officials in similar or corresponding category of exceutive branches of Gov't who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area. Army acft landing this fld should taxi to new ATC Terminal Bldg N of Admin Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. GENERAL: Closed to acft without rdo. Stay on paved areas-shoulders soft. Equip. on fld. Parking area ltd-turf soft. At times pilots of private acft will be unable to secure parking space. Lgtd trailer 500' W of centerline of N/S rnwy at N end. (2-15)

FLORIDA

ALBERT WHITTED ARPT (ST. PETERSBURG)-Use rnwys only-soft shoulders. Stacks 1/4 mi SW. (4-26)

AVIATION CENTER ARPT (LEESBURG)-Use rnwys only-sand soft. (5-22)

BANANA RIVER NAS-RADIO: Navy exper VHF rnwy localizers and various types of ILS operate intermittently day, night. Navy exper rdo bcn, 414 kcs, Ident. "BR", A-2 and A-3 emission, oper intermittently, day, night. (3-27) FLD: Exper flights conducted down to weather minimums of 300' ceiling and 1 mi visibility with ATC clearances. Heavy training traffic in both land and seaplane areas, day and ngt week days only. All civil acft warned to stay clear of air space reservation which includes area 20 mi radius from the NAS.(3-12)

BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of five green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice. (4-10)

**BARBERVILLE ARPT-ABANDONED. (3-20). See pages 132 and 134.

BOCA RATON AAF-Port floods avail. on 15 min. notice. Stay on rnwys-shoulders soft. (2-7)

BRONSON FLD NAAS (PENSACOLA)-Inactive-no facs. (4-9)

BROWN FLD (MIAMI)-N/S, NW/SE rnwys under const. (5-18)

BUNNELL ARPT-Cattle on fld. (5-19)

CECIL NAAS (JACKSONVILLE)-Equip. on fld. (5-19)

CEDAR KEYS ARPT-Use rnwys only. (5-19)

CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. (1-29)

CITY AIR PARK ARPT (PANAMA CITY)-NE/SW strip under const. Not to be used except in extreme high wind (short, wires at NE end). (1-6)

DALE MABRY FLD(TALLAHASSEE)-26' unlgtd bldg 900' NW of NW end NW/SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. (5-7)

DAYTONA BEACH ARPT-Lgtd tetrahedron S side fld inop. Use lgtd wind tee SE of Admin Bldg. (5-8)

DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)

DREW FLD (TAMPA)-Use rnwys only. Equip. on fld days. Avail. to rdo rcvr equipped acft tuned to twr freq. (5-19)

EGLIN FLD (VALPARISO)-RADIO: Army ILS to be reactivated soon. (3-18). FLD: Acft approaching fld will enter area along right edge of S leg Crestview Range. (1)-Acft on CFR will fly 3000' or 500' below the ceiling, whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (10-29)

ELLYSON NAAS (PENSACOLA)-Inactive-no facs. (4-9)

GILBERT FLD (WINTER HAVEN)-Use rnwys only. (4-17)

HIDDEN ACRES ARPT (CLARCONA)-E/W strip avail. lgt acft. (1-20)

HILLSBOROUGH ARPT (TAMPA)-E/W rnwy avail. lgt acft only. Sinkhole 100' E of intersection filled with sand. Other rnwys and taxiways usable. (5-19)

HOMESTEAD ARPT-Landing fee all acft. (3-12)

**JACKSONVILLE ARPT-Name changed to Jacksonville Arpt No. 1. (5-19). See page 132.

JACKSONVILLE ARPT NO. 1-Operating of private acft between sunset and sunrise rsted to acft equipped with functioning radio transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning radio rcvr unless exceptions granted by Chief Arpt Traffic Controller. (3-25)

**JACKSONVILLE NAS-Two 235' twrs of Rdo Stn WJHP, 6 mi NW at lat 30-19, long. 81-45, obst lgtd. (4-23) Trans seaplane acft desiring ngt facs notify Jacksonville NAS 12 hrs in advance. Heavy equip. on fld days. (3-19)

JASPER ARPT-Cattle on fld. (5-19)

JOHN R. ALISON ARPT (GAINESVILLE)-Name changed to Gainesville Municipal Arpt. (5-19). See page 132.

KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)

KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT. (4-10)

LAKE BUTLER OLF-Cattle on rnwy. (1-27)

LAKE WORTH MUN. SEAPLANE BASE-Hangars under const. Traffic pattern 500'. Prevailing wind E to SE. (1-22)

LEESBURG AVIATION CENTER (LEESBURG)-Use rnwys only. (3-18)

FLORIDA

**LUDWIG SKY HARBOR (ST. PETERSBURG)-Name changed to Sky Harbor Arpt. (St. Petersburg). (1-1-). See page 134.

MacDILL FLD (TAMPA)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwys 4-22,13-31,18-36 avail. Rnwy 18-36 closed ngts. GCA equip. 3000' from end Rnwy 22R, lgtd. Rnwy 4R-22L closed. (5-21)

MARIANNA ARPT-All rnwys usable days. NW/SE taxiway blocked by Gov't vehicles. Use rnwys only. (1-23)

MASTER NAS (MIAMI)-Closed thirty min after sunset until 0700. Extreme ctn-heavy traffic. Northernmost E/W rnwy closed (equip., parked acft). (1-8)

MAYPORT CGAS-Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status-no facs). Rnwys 32,36 under const-closed. (3-11)

MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22. (4-17)

**MIAMI-Caution area established approx 17 miles SW within the following described area: beginning at lat 25-44-20, long. 80-30-00; SW to lat 25-35-00, long. 80-39-00; W to long. 81-00-00; N to lat 25-45-00; E to point of beginning.

MIAMI-RADIO: Federal Communication Comm. Fld Unit Direction Finding Aids inop (being relctd). (5-5)

MIAMI INTERNATIONAL ARPT-AAF-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-25) FLD: Domestic non-scheduled acft taxi to old Army Terminal Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Terminal. Trans International pilots advise twr before landing. Use rnwys only. Equip. on fld intermittently days. Obst lgts on pole lines adj Seaboard Airline R.R. Shops between N and S flds inop. All acft landing on E/W or N/S rnwys maintain sufficient alt to clear vehicular traffic on 36th St. and LeJeune Rd. No JP-1 fuel. (3-26)

MIAMI NAS-Acft remai n on N leg Miami Range for distance of 25 mi N of range stn when passing Miami NAS. Stay clear of NW corner fld-fighter training. break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700. (11-15)

★MORRISON FLD (WEST PALM BEACH)-RADIO: Army ILS (SCS-51) not monitored cont, but is checked at 0800 and 1300 daily. Facs used for practice purposes only, but is avail. within 45 minutes notice in case of emerg. (5-13) Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Glide path transmitter of Army ILS being moved to lctn 1100' E of W end E/W rnwy, 400' S of centerline. Middle mrkr ident. being changed to alternate dots and dashes. (3-17)

ORLANDO AAB-ORLANDO ARPT-Closed to acft exceeding 50,000 lbs except for use alternate destination by scheduled ai r-carriers. North E/W. West N/S rnwys closed. No 91 oct. (3-12)

ORLANDO AVIATION COUNTRY CLUB ARPT-Land to the N, take-off to the S. Pwr line N. (5-19)

PAGE FLD (FORT MYERS)-NW/SE rnwy lgts i nop. (5-1)

PENSACOLA ARPT-Ext Navy training thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (4-29)

PENSACOLA NAS-CHEVALIER FLD-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Disposition delivery a c ft land at NAS Chevalier Fld. Multi-engine acft requiri ng rnwys in excess of 2500' land at NAS Corry Fld, bear. 34° NNW. Pilots desiring to land at Chevalier Fld ctc Pensacola Navy twr before entering traffic pattern. (4-9)

PETER O. KNIGHT ARPT (TAMPA)-Sodded areas E of Rnwy 3-21 and S of Rnwy 10-28 rough-use ctn when taxiing. Heavy acft use rnwys. Equip. on fld days. (5-20)

FLORIDA

RICHMOND NAS-LTA-Use in emerg only (caretaker status-no facs)

ST. AUGUSTINE ARPT-All lighting facs inop. (5-19)

STENGEL FLD (GAINESVILLE)-Cattle on fld. (5-19)

SUNNY SOUTH ARPT (MIAMI)-Effect June 1, will be lgtd for student ngt flying. Closed to t rans acft. (5-13)

TAMIAMI ARPT (MIAMI)-CFR day oper. Landing fee only to acft carrying passengers or cargo for hire. Equip. on fld intermittently days. (3-12)

TAMPA-RADIO: 116.1 mc transmitter and 122.1 mc rcvr temp inop. (5-9)

TAYLOR FLD (OCALA)-Use rnwys only. (1-23)

TITUSVILLE-COCOA ARPT-Use rnwys, taxiways only (soft sand). (5-8)

TYNDALL FLD (PANAMA CITY)-RADIO: Army range unreliable. (4-18)

VERO BEACH-RADIO: MH fac flgt=checked May 7, oper normal.

VERO BEACH ARPT-Crash facs not avail. on line. Rnwys 11-29,3L-21R,7L-25R, 18-36 closed (repairs). (5-21)

WAKULLA ARPT-CLOSED (soft sand). (5-22)

WHITEHOUSE OLF (JACKSONVILLE)-Closed Sundays, used by model acft. Avail. in emerg only. (4-9)

WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction Ctc twr before entering traffic pattern. (4-14)

WITHAM FLD (STUART)-Use rnwys only. (2-12)

GEORGIA

ALBANY ARPT-Use rnwys only. Wind sock atop b cn twr inop. (3-31)

★ATLANTA-RADIO: VHF rng has been shut down and will not be commissioned as previously advertised. (5-3)

ATLANTA ARPT-Const, equip. on fld intermittently. Use rnwys ngts. Closed to HB and VHB acft. Trans Army acft use Marietta AAF. Twrs of Rdo Stn WSB 12 mi NE being dismantled, lgtd. 134' lgtd water tank being erected 1 mi E. 25' lgtd bldg near N end N/S rnwy. (3-28)

ATLANTA NAS-Avail. sunrise to sunset. After sunset open for landings only. No clearance or svcg. (4-16)

BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)

BUTLER INT, SITE 14, TJ-AG-About June 1, will be designated type PD. Fld surface will be maintained and operated by the City of Butler, lighting facs will be maintained by CAA. No change in course lgt char. (5-21)

CALLOWAY ARPT (LA GRANGE)-Heavy acft use rnwys, taxiways only-grass areas soft. All-over landing small acft in dry weather. (4-17)

CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)

CARROLLTON ARPT-Equip. on fld. (5-12)

CHATHAM AAF (SAVANNAH)-Rot. bcn inop. Exten P-47 NG acft transition training, formation flying and acrobatics 0800 to 1700 all wi thin 35 mi radius. (4-4)

**CITY-CO. (CARROLLTON)-Name changed to Carrollton Arpt. (12-6).

COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-5)

COOK CO. ARPT (ADEL)-Lgts inop. (1-17)

**FACEVILLE ARPT-ABANDONED.

HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L. (1-18)

**LA GRANGE ARPT-Name changed to Calloway Arpt. (La Grange). (11-27).

**LAKE PARK AUX #2 (VALDOSTA)-Now carried under Lake Park Aux #2 (Lake Park)

LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)

LAWSON FLD (COLUMBUS)-MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2,32. Right traffic Rnwys 14,20,27; left traffic Rnwys 2,9,32.

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LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)
MARIETTA AAF-Twr erected by rdo stn WFOM 2 mi WSW, obst lgtd. (5-20) No maintenance 1700 to 0800. Ltd transportation. Temp twr atop Opers Bldg 200 yds N intersection Rnwys 10 and 15. (5-19)
MILLEDGEVILLE MUN ARPT-Soft after rainy weather. (4-17)
MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.
MUSCOGEE CO. ARPT (COLUMBUS)-Wind tee tied day and ngt when wind is 12 mph or less. Free swinging over 12 mph. (5-16)
SAFFOLD ARPT (SAVANNAH)-2500' ESE/WNW strip under const. (4-2)
ST. MARYS ARPT-Cattle on fld and rnwys. (1-27)
ST. SIMONS ISLAND-Overwater anti-aircraft firing approx 13 mi E will be conducted between June 21 and 25 within the following described area: N bndry lat 31-15-00; E bndry long. 81-00-00, S bndry lat 31-05-00; W bndry long. 81-10-00.
ST. SIMONS ISLAND NAS-Equip. on fld days. (5-21)
SAVANNAH-RADIO: SE course displaced 3° counter clockwise, bear. 330°. (4-22)
SOUTHER FLD (AMERICUS)-Use strips only. Soft when wet. (4-8)
SPENCE FLD (MOUNTRIE)-Use rnwys only. All over fld avail. lgt acft only in certain areas. Landing area N of rnwys to be used only by pilots familiar with fld. Grass area adj to rnwys closed (sloped for drainage)(4-8)
THOMASVILLE ARPT-Closed ngts - no lgts. (10-24)
TURNER FLD (ALBANY)-RADIO: Army air to ground stn temp inop. (2-10)
VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld)(1-16)
**VADA AUX #4-Correct lat. 31-05-15, long. 84-26-00. (See page 132)
**WASHINGTON ARPT-Name changed to McGill Fld (Washington)(12-6).
**WINDER INT, 4, AG-LG-Name changed to Winder Arpt, Site 4, AG-LG. (12-5)

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BOISE AIR TERMINAL-Use rnwys, taxi strips only-shoulders soft. Non-radio equipped acft use Rnwys 10-L with left approach or Rnwy 28R with right approach when tetrahedron indicates traffic SE or NW. Parking ramp on National Guard side of fld immediately in front of twr SW of Rnwy 10R-28L closed to all acft other than mil. (4-9)
BRADLEY FLD (BOISE)-Right traffic SE take-offs and landings. (3-17)
BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (2-22)
GOODING-RADIO: About May 26, MH fac will be changed to type H with pwr increased to 100 watts. Transmitter will not be relocated. Fac will oper cont. On same date, scheduled weather broadcast service will be inaugurated at 15 and 45 minutes past the hour. (5-14)
GOODING ARPT-Use strips only-sod unsafe (erosion)(3-1)
GREEN MEADOWS ARPT (EAGLE)-Right traffic NW take-offs and landings. (3-17)
IDAHO FALLS ARPT-Rot. bcn inop. (4-23)
MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.
POCATELLO ARPT-6' ceilometer approx 75' S of Rnwy 5-23 at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. (4-29)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (3-14)
TWIN FALLS ARPT-Use strips only, soft when wet. (2-21)

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ALBERTUS ARPT (FREEPORT)-Const. Use N/S, NW/SE rnwys, soft in wet weather. Land within rnwy mrkrs. (2-25)
ASHBURN ARPT (CHICAGO)-Avail. only lgt acft under 2000 lbs. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const-unusable. Do not turn off cinders onto grass. (5-5)
CASEY ARPT-Red flag on windsock indicates strips too soft for safe oper, green flag indicates strips in good condition, orange flag indicates Right Traffic. (2-26)
CHANUTE FLD (RANTOUL)-Ltd parking. (2-12)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rwy closed (const). (3-3)
CHICAGO ARPT-RADIO: GCA service test being conducted on 24 hr basis. Unit aligned for approach from NW on Rnwy 13R. Transmits on 350 kcs., 109.5, 126.18 mcs. Rcvs on 3105,4495,6210,3117.5 kcs., 126.18,118.1,122.5,118.7 mcs. Pilots desiring to make runs should make arrangements thru Chicago Tower. No IFR operations. (4-3) FLD: Const 60' high W of Rnwy 22 center at NE corner fld. Snow extension lgts 22" above grade on Rnwys 31L, 36R,27L, mrkd. GCA truck and trailer lctd near center of fld, lgtd. Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Terminal Bldg upon arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-shceduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before dptr. 3 hangars under const along N taxiway. Ctn when taxiing. Ramp in front of new Term. Bldg. being repaired. (5-14)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
CHICAGO-ORCHARD ARPT (CHICAGO)-Landing fees same as Chicago Airport. Trans acft register in city office on S side of fld. (2-14)
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (3-27)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (4-22)
FLORA ARPT-NE/SW strip under const. (12-10)
GALESBURG MUN. ARPT-W bndry rough. (3-28)
JOHNSBURG ARPK-Equip on fld. (3-18)
JOLIET ARPT-SITE 22, LS-CG-Emerg. fueling and acft svcg avail. 2400 to 0800 on req. (4-29)
LEWIS-LOCKPORT ARPT (LOCKPORT)-Use strips only. Stay on gravel when wet. (3-16)
MARION ARPT-Exten train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. Wind tee moved to circle in center of fld. (5-12)
★MOLINE ARPT-RADIO: CAA ILS comm May 12, lclzr with voice operating on 110.3 mcs. Ident. "ML", lctd 950' SE end NW/SE rnwy. Approach bear. 131° Glide path 335 mcs, lctd 1054' from NW end NW/SE rnwy. See pages 40, 44. FLD: 75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. 20' gravel pile 300' W of SW end NE/SW rnwy. (4-30)
MOUNT VERNON ARPT-E/W strip mrkd with flare pots, dusk to dawn. Serve as mrkr lgts only. (4-7)
PEORIA ARPT-Equip. on fld 0800 to 1630 daily except Sun. (5-10)
QUINCY ARPT-Avail. days only. Fld lgtg under const. Ditches along rnwy edges. Use only rnwys in thawing weather. (2-24)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
ST. DAVID ARPT-Closed to cross-country acft. No svcg avail. N/S strip clsd. New arpt under const 6 mi N. (6-13)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (3-31)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. Closed ngts. (4-5)
SPRINGFIELD MUN. ARPT-New arpt under const 3 mi NW, of city. Will be completed approx. July 1. Ctn do not land. Gaps in paving at intersection of rnwys. Pole line crossing SE end NW/SE rnwy. (5-3)
STINSON ARPT (LA GRANGE)-NE end NE/SW rnwy closed. (5-14)
STOCKTON ARPT-Strips soft during thawing weather. (2-20)
WAUKEGAN ARPT-NW/SE, E/W strips usable except in extremely wet weather. (5-13)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (4-7)

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AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BAER FLD (FT. WAYNE)-Rnwy lgts 9-27 inop. Tetrahedron uncontrolled. (4-22)

INDIANA

BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (3-26)
BRIGHTWOOD ARPT (INDIANAPOLIS)-Fld under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (5-6)
CAMPUS ARPT (BLOOMINGTON)-CLOSED (muddy)(1-15)
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only.
CHARLESTOWN ARPT-2000' E/W strip under const. Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (1-20)
**COLUMBUS MUN ARPT-Correct lat. 39-08-30, long. 85-56-00. (11-5). See page 58
Turn off rnwys onto taxi strips after landing. Use rnwys only. (3-31)
EVANSVILLE ARPT-Trans use rnwys only. Equip. on fld days. (5-5)
GARY ARPT-Water on fld. Soft in wet weather. Extreme ctn. (5-1)
HOOSIER-PARK ARPT(INDIANAPOLIS)-NW/SE, NE/SW strips closed. Area immediately adj to these strips avail. for traffic. (5-22)
HULMAN FLD (TERRE HAUTE)-Erosion on outer edges of fld. Lgt acft use sodded area in triangle bounded by rnwys. Ctn in wet weather. (5-15)
HUNTINGTON MUN ARPT-SE end NW/SE strip freshly filled. Not firm. (11-13)
INDIANAPOLIS-RADIO: GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212 kcs, 126.18 mcs, receives on 3105,4495,6210 3117.5 kcs, 126.18 mcs. Pilots desiring to make practice runs should make arrangements thru Indianapolis Twr, Indianapolis Rdo or airline ground stn at Indianapolis. All flights must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intmtly at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE/SW rnwy. Exper radio range with 5 lgtd 131' twrs operating intmtly at Avon, Ind, 7 mi NW of arpt on 172 and 194 kcs. Low power (holding mrkr), 75 mcs, 10 mi SW of arpt on ILS lclzr course, keying "U", tone 3000 cycles temp inop. (11-22)
INDIANAPOLIS ARPT-Acft landing on grass to the right of rnwy in use, use right traffic pattern. Acft landing on grass to left of rnwy in use, use left traffic pattern. Acft landing on rnwys use left traffic pattern unless otherwise advised by twr. (5-22) Use rnwys only. Pilots of mil and trans acft register with registrar in Admin Bldg Lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400' off center line near SW end NE/SW rwy. EXPER OPERS: Approach lgt sys on SW approach lane ; bndry lgts SW corner operating intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar;truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts. Exper slope line (glide path) approach lgt sys installed W end of Rnwy 9-27. Lgts consist of 3 pairs of red tubular lgts spaced 100' apart with first pair lctd 100' W of rnwy. The outer pairs show red only on approach side; the inner pair show red on approach and rnwy sides. The high end of outer unit is 8', and high end of inner unit is 5'. Operate normally with rnwy ctc lgts. No mil svcg-use Stout Fld. (5-20)
KENDALLVILLE MUN. ARPT-Closed until June 2 (seeding)(4-22)
MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (1-20)
MILROY INT, SITE 5, CC-CG-CLOSED (soft)(5-21)
MORGANTOWN-RADIO: FM formerly on S course Indianapolis Range will remain in oper on exper basis. (11-8)
MYERS FLD (FT. WAYNE)-Avail. with ctn. Soft during wet weather (3-23)
*OWEN PATHFINDER ARPT (CAMBY)-Formerly carried as Owen Arpt under Mooresville. See page 142.
PLYMOUTH ARPT-NE/SW strip closed until July 2. (5-3)
PURDUE UNIVERSITY ARPT,(LAFAYETTE)-Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Taxi straight to end of fld; then taxi within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. Soft freshly seeded areas at side of NE end of NE/SW rnwy and at W end of ramp, mrkd. Const NE end fld. (4-16)
SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft in wet weather. (5-4)
SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft. (1-16)
★SOUTH BEND-RADIO: Stn now gds 4495,3105,6210 kcs., 116.1, 122.1 mcs. These data rcvd too late for data page.
STARKE CO. ARPT (KNOX)-N/S strip soft. (11-4)
STOUT FLD (INDIANAPOLIS)-Crash equip. avail. 0800 to 1700 daily only.Ltd svcg facs. Lgts on prior req. (3-20)
TRI STATE ARPT (ANGOLA)-N/S strip closed (const)(5-5)
URSCHEL FLD(VALPARAISO) Strip soft in wet weather. (2-16)
WELLS CO. ARPT (BLUFFTON)-Avail. with ctn-soft during wet weather.(5-5)
WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No wind conditions land to W. (5-8)

IOWA

**ATLANTIC ARPT MUN.-Will hereafter bw carried as Atlantic Arpt, Site 4, OH-CG (5-10). See page 40.
★CALIFORNIA-RADIO: FM decomm. May 20.
CEDAR RAPIDS ARPT-Use rnwys, taxi strips only. (3-22)
CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. (4-2)
CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)
DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed.Use rnwys only. Area off SE end NW/SE rnwy closed to taxiing, mrkd. NG svcg not yet avail. (4-22)
DUBUQUE ARPT-Flooded, unusable. (4-17)
ELKADER ARPK-Strips rough and rolling. (2-11)
HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (4-3)
★INDIANOLA-RADIO:May 16(bone-shaped)apch FM comm at lat.41-21-30,long.93-36-12. 9.9SE of Des Moines low freq rng & 0.45 E of Ctr-line of SE course.Ident.3 dashes.
IOWA CITY ARPT-Avail. days only. Use rnwys, taxi strips only. Sod adj rnwys, taxi strips freshly seeded. Equip. on fld. 75' unlgtd bcn twr being erected 250' E of N/S taxi strip. Open cable trenches adj to intersections of taxi strips and rnwys not mrkd. (5-16)
LAMONI INT, SITE 10, KC-MP-Unsafe (soft)(4-16)
MASON CITY ARPT-Landings and take-offs prohibited on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N/S rnwy unusable. (4-29)
OTTUMWA NAS-S landing mat closed (helium bottles on mat). Use rnwys only. (5-6)
SIOUX CITY ARPT-Blinding ceilometer 1000' N of Admin Bldg. (4-30)

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ALLMAN ARPT (LENEXA)-Use strips only. (4-2)
ATKINSON ARPT (PITTSBURG)-Const, mrkd. (4-27)
ATWOOD ARPT-Soft when wet. (3-26)
BEECH ARPT (WICHITA)-During damp weather, use rnwys only. (4-2)
CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large crack Stay W of flags. (2-6)
DODGE CITY ARPT-Blinding ceilometer installed 1000' NW of Admin. Bldg. E/W rnwy closed. Parked acft on fld N and S of Admin Bldg due to partially completed const on parking area. Hangars being built NW Admin Bldg. (4-11)
FT. RILEY-AA firing conducted immediately N of Marshall Range Stn.
GARDEN CITY AAF-No svcg or maintenance avail. (2-7)
**GIFFIN ORTON AIR SVC. (HOISINGTON)-Will hereafter be carried as Hoisington Airport.
GOODLAND ARPT-Rnwy sides soft when wet. (2-21)
**HILLTOP ARPT (AUGUSTA)-ABANDONED.
HUTCHINSON MUN ARPT-Heavy acft use rnwys only.Tetrahedron unlgtd.(5-1)

HUTCHINSON NAS-CLOSED-no facs. (11-25)
INDEPENDENCE AAF-Only N/S rnwy nearest ramp avail. Svcg, opers avail. 0800 to 1900 daily only. (5-8)
JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (3-4)
LARNED MUN ARPT-SW 1/3 of NE/SW and NW/SE strips muddy in wet weather. S 1/2 N/S strip under const. (3-19)
MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (2-10)
OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.
OLATHE NAS-Closed 1800 to 0800 - flights desiring landing during these hrs must notify opers before 1600. (6-13)
OLATHE OLF NO. 2-Use in emerg only - no facs
OLATHE OLF NO. 4-Use in emerg only - no facs
OLATHE OLF NO. 7-Use in emerg only - no facs
OLATHE OLF NO. 9-Use in emerg only - no facs
SATANTA ARPT-Strips soft in wet weather. (2-19)
SHERMAN FLD (FT. LEAVENWORTH)-Left traffic on Strips 12, 15; right traffic on Strips 30,33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. (4-11)
SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) inop indefinitely.(4-1)
TOPEKA-Inst flying radio range ngt, day. Call Topeka Radio at least 20 mi out before flying range.
TOPEKA AAF-Closed to all trans mil acft except on off. bus. or in emerg until May 29. (5-19)
WICHITA ARPT-Ctc lgts all rnwys under repairs. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (4-29)
WICHITA AUX. ARPT-Arpt lctd 6 mi SE of Wichita not avail. as an auxiliary fld. City of Wichita not responsible for consequences arising from use of the field. (4-19)

**ABKEN FLD (RUSSELL)-Will hereafter be carried under Raceland. Correct lat. 38-33-00, long. 82-44-15. (12-18). See page 60.
ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (2-5)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (5-5)
BOWLING GREEN ARPT-Use rnwys only. (4-7)
CAMPBELL AAF (HOPKINSVILLE)-No mechanical or refueling svc avail.; use Smyrna AAB for refueling and maintenance. Opers closed 1630 to 0800. Only Rnwy 4-22 avail.; other rnwys closed for const. Wind tee rmvd; wind sock only avail. Lgts inop. (4-4)
GODMAN FLD (FORT KNOX)-RADIO: Army rng unreliable; use primarily as homing fac. (4-5) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. High trajectory firing in danger area NE fld day, ngt. (4-17)
★GREATER CINCINNATI ARPT (COVINGTON)-RADIO: CAA twr now transmits on 221 kcs., 126.18,118.5 mcs. Gds. 3105,4495,6210,3117.5 kcs., 126.18,118.5,122.5 mcs. These data rcvd too late for chart and data page. FLD: Rnwy lgts supplemented and/or lgtd by flare pots only. N/S, E/W avail. ngt landings. Lgts not controlled from twr. Men on rnwys days. Use rnwys, taxi strips only-sod soft. (5-23)
JODY FLD (LONDON)-Const-use rnwy N of hangars only. (4-28)
LEXINGTON-RADIO: VHF rng unmonitored, no auto. standby equip. and therefore it is avail. for navigational purposes with these limitations. (4-2)
**MAYSVILLE ARPT-Correct lat. 38-41-30, long. 83-48-30. (9-21). See page 60.
**RIVERSIDE ARPT (LOUISVILLE)-Correct lat. 38-11-00, long. 85-52-00. (1-6).
see page 58.
**SHELBY ARPT (SHELBYVILLE)-Correct lat. 38-13-15, long. 85-10-30. (9-18)

See page 58.
STANDIFORD FLD (LOUISVILLE)-NG svcg not yet avail. (4-22)

BARKSDALE FLD (SHREVEPORT)-RADIO: Army ILS (SCS-51) temp recomm. Lclzr on 109.9 mcs, lctd 1800' SE of SE end NW/SE rnwy. Approach bear. 143°. Operates 0800 to 1600 for pilot training; is avail. within 40 min. Sat., or other times on req. thru twr. Three mrkr bcns: inner 0.25; middle 0.64 mi, keyed six dots per sec; outer 4.35 mi. keyed 2 dashes per sec. Will continue in oper until CAA type put back in operation. Army ILS (CAA type) temp inop. (5-13) FLD: Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 91 oct. (5-6)
BATON ROUGE-RADIO: Rng flgt-checked May 13, courses correctly aligned.
**CHAPMAN FLD (NEW ORLEANS)-ABANDONED. (3-3)
COTTON VALLEY ARPT-E/W strip closed. (1-23)
CROSS LAKE SKY HARBOR (SHREVEPORT)-Land only in area in front of Base (2-13)
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd with white flags. (1-27)
**HAMMOND ARPT-Lgts avail. on prior req. (5-5)
HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1630 only for all acft by Navy in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil acft may land during daylgt hrs. Lighting facs for ngt flying not in oper for civil use. (4-23)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. (3-13)
JENNINGS ARPT-Use strip only. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. Right traffic when landing S and W.(3-19)
LAFAYETTE ARPT-Use rnwys only. (4-29)
LAKE CHARLES MUN. ARPT-Blinding 30 million candle pwr ceiling lgt installed Stn WBAS. Operates during cloudy conditions. Two 195' twrs 3.5 mi NW under const, lgtd. Fuel for mil acft avail. 0700 to 2300. (4-24)
LE GROS MEMORIAL ARPT (CROWLEY)-170' twr being erected 9 mi NE (55°) true. Will be lgtd upon completion. (3-24)
★MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: CAA ILS flgt-checked May 15, oper normal. Middle mrkr relctd, and compass letr installed and flgt-checked at outer mrkr site. See page 128. FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. Tetrahedron inop. (5-12)
**MONROE ARPK-Correct location lat 32-32-30, long. 92-07-00, (11-7). Avail days only. (12-20)
NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Closed to all Army acft except primary, basic and advanced (not including converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64 liaison acft, helicopters and autogyros. (3-26)
NEW ORLEANS NAS-Closed to all acft exceeding 9000 lbs. Avail. 0800 to sunset. Equip. on all rnwys. Fld on positive control. (5-18)
**SELMAN FLD (MONROE)-Correct location lat. 32-30-30, long. 92-02-30.(11-5) Obst lgts atop twr inop. Equip. on fld. (12-27)
SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6) Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. 185' rdo twr being erected 4 mi SW (230° true). Work in progress SW end Rnwy 5-23, approx. 100' from end of rnwy, mrkd. Equip. on fld days. (5-13)

LOUISIANA

**TEXACO ARPT (NEW IBERIA)-ABANDONED.

MAINE

AUGUSTA ARPT-Obst lgts on antenna poles 400' NE Admin Bldg inop. (4-22)
DOUGLAS FLD (BRUNSWICK)-Right traffic when wind from the S. (4-22)
DOW FLD (BANGOR)-RADIO: CAA ILS bndry to be decomm about May 30.(5-23) FLD: E/W rnwy closed. Use concrete portion fld only. Ltd transportation and maintenance facs. (5-8)
FARMINGTON ARPK-After heavy rain land to W side strip. (4-23)
HOULTON ARPT-Closed except to scheduled airlines and local opers. Other acft land by prior permission from Resident Engineer, fone 2211. (5-24)
LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)
**LIVERMORE FALLS ARPT-Correct lat 44-27-45, long. 70-10-00. See page 17.
MERRYMEETING FLD (BOWDOINHAM)-Use in emerg only. (4-22)
MILLINOCKET-RADIO: Auto. range monitor. sys temp inop.
MILLINOCKET ARPT-NW 1000' NW/SE rnwy closed. Ctc lgts inop. (4-15)
NEW MEADOWS ARPK (WEST BATH)-PRIVATE-emerg use only. (5-6)
NORRIDGEWOCK ARPT-CLOSED-use in emerg only.
OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (2-24)
PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop. (4-29)
PRESQUE ISLE AAF-RADIO: Army VHF/DF and HF/DF stns temp suspended. (5-16). Bndry mrkr of CAA ILS will be decomm about May 29. FLD: No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC Flights. Svcg trans acft 0800 to 1700 only. (5-16)
SCARBORO ARPT-CLOSED (soft). (3-31)
WESTON FLD (MADISON)-Avail. emerg only. (4-2)

MARYLAND

BALTIMORE ARPT-No crash equip. ngts. Use rnwys, taxiways only, other areas soft. Equip. on fld. Ships with unlgtd 120' masts anchored in harbor S, W and SW of fld. Smoke stacks NW and SE. Rdo rqrd between sunset and sunrise. (4-21)
BALTIMORE SEAPLANE BASE-Radio facs same as Baltimore Arpt. Control launch and other services avail. commercial operators by prior agreement with BOAC. Ramp and fuel services avail. by contacting Baltimore Twr. (4-21)
BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (4-9)
EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat. and Sun. Operates Mon thru Fri. 0800 to 1600. (3-14)
ERCO ARPT (RIVERDALE)-Do not land on diagonal taxi strip due to softness and holes. Soft shoulders off rnwys. Avail. days only. (2-19)
GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (2-19)
**HYDE FLD (CLINTON)-Port. flood lgts on req. See page 68.
KENT ARPT (WORTON)-Landing area under const. (3-17)
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. Trans or local traffic, not landing at fld, should avoid fld traffic patterns or approaches. (1-22)
PATUXENT RIVER NAS-Taxi strips adj and parallel to rnwy 13-31 between rnwys 2-20. 6-24 closed. Ditches adj rnwy 9-27 mrkd. Equip. on fld. (2-24)
PHILLIPS FLD (ABERDEEN)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Ltd svcg. No maintenance or RON. Danger area 1500 yds S; firing to 25,000' Appch from N only, flying a heading of 200° from Aberdeen to fld. Heavy traffic rnwys. Rnwy 4-22 closed. (5-20)
SALISBURY-RADIO: Commissioning of VHF rng indef. postponed. (5-5)
SALISBURY ARPT-Use rnwys only. (2-17)
**SCHROM ARPT (GREENBELT)-Flood lgts on req. (3-12) See page 68. SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (4-10)
WEBSTER FLD (PRIEST POINT)-Closed except on 24 hr notice.

MASSACHUSETTS

AGAWAM-Two searchlgts being operated from Riverside Park dusk to midngt May 30 to Sept. 7. (5-8)
BARNES ARPT (WESTFIELD)-Oper of arpt bcn days indicates suspension of CFR oper. Ctc Westfield Rdo for lgts. 139' unlgtd tank under const 5500' SW. No ctc lgts. (5-2)
BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (4-21)
**CAMP WELLFLEET-All obst lgts turned off May 15, due to disestablishment. (5-9)
CAPE COD BAY-Wire cable 35' above high tide extending between wooded twr and fishing processing plant has been established approx 5 mi SE Provincetown at lat. 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay.
GRAFTON ARPT (NORTH GRAFTON)-Avail. lgt acft only. Glider towing opers daylgt hrs. Powered acft approach with ctn. (5-16)
LA FLEUR ARPT (NORTHAMPTON)-Const. Grading 800' by 300' center of fld. mrkd. Equip. on fld. Closed ngts. (5-17)
LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)
LOGAN ARPT (BOSTON)-RADIO: CAA ILS oper for test purposes only. Lclzr lctd 950'from NE end rnwy served. Freq. 110.3 mcs. Glide path freq. 335 mcs. Two mrkrs; outer mrkr 6.67 mi from SW end rnwy keyed two dashes per sec. Middle mrkr 1.40 mi from SW end rnwy keyed 6 dots per sec. Outer compass lctr at outer mrkr site. Freq. 203 kcs. Ident. "G". (5-5) FLD: Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo, and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Mgr and pay fees. Pilots will be denied clearance until fees are paid. Equip. on fld. Mercury art vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. New 5900' Rnwy 15-33 and Rnwy 4-22 avail. NE 100' Rnwy 7-25 unsafe. (4-21)
MANSFIELD ARPT-Red flag flying when closed. (4-21)
MARLBORO ARPT-Avail. sunrise to one hr after sunset. (4-21)
MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (4-4)
**MYRICKS ARPT-Will hereafter be carried under Berkley. (11-15). See page 56. Wires on S end N/S strip. (4-1)
NANTUCKET ARPT-Five 320' twrs being erected 6 mi W (280° true)(4-12)
ORANGE ARPT-High grass NW end fld. (5-17)
OTIS OLF (FALMOUTH)-Use in emerg only (caretaker status-no facs)
PITTSFIELD ARPT, SITE #B, AZ-BW-Land according to wind sock. (4-2)
PROVINCETOWN FLD-Closed to acft over 3200 lbs. (4-21)
REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. (4-21)
RICHARDSON ARPT (DRACUT)-Intersection of 2 strips muddy when wet. Heavy acft use wide pattern on downwind leg for WSW landing to avoid turkey farm 1000' from rnwy. (3-15)
SPRINGFIELD ARPT-Lgts inop. (4-21)
SQUANTUM NAS-RADIO: About May 26, freq of Navy range will be changed to 233 kcs. (5-19) FLD: Equip. at bndry and on fld. Fld avail. 0800 to 30 mins prior to off. sunset Truck and 2 trailers 30' high on rnwy 2-20, 150' S intersection rnwys 14-32, 2-20, lgtd. (3-27)
STEVENS FLD (NORTH ADAMS)-Temp closed. (4-21)
**WELLFLEET-Correct boundaries of anti-acft range estab. approx 2 mi E within the following described areas: an arc of a circle with a radius of 20,000 yds centered at lat. 41-56-00, long. 69-58-30 extending clockwise between 345° true and 145° true.

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WESTFIELD-RADIO: Sharp bend 5 mi S of rng stn on 27° inbound leg. Condition intermittent. (2-5)
WESTOVER FIELD(CHICOPEE FALLS)-RADIO: Army ILS (SCS-51) compass lctr on 201 kcs temp inop. (5-3). Army ILS (CAA type) lclzr, Rnwy 24, unreliable. (4-23). HF/DF stn temp suspended. (5-22) FLD: All acft on IFR approaching fld from NE will follow Amber 7 to Boston, thence follow Red 11 to Gardner intersection (W course of Boston Range and NE course Westover Range). Acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to etc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing let-down procedures as disseminated from fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descend by Boston ATC. Westover appch control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover appch control, all instructions will be followed which are transmitted by Westover Appch Control. (2-19) Red bcn atop Mt. Nanatuck inop. Men, equip. removing shooting butt 100' right of approach Rnwy 1, equip. lgtd. (5-9)

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ABRAMS ARPT (GRAND LEDGE)-Soft during wet weather-freshly seeded. (4-24)
ADRIAN CITY ARPT SW corner fld unsafe for landings and take-offs. (4-28)
ANN ARBOR ARPT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (6-14)
BAKER'S FLD (PORT HURON)-Use strips only. Fresh fill E 1/2 N/S strip from intersection to S end, also SW end NE/SW strip. Soft when wet. (2-25)
BISHOP ARPT (FLINT)-Three 170' lgtd twrs Rdo Stn WWOK under const 4.5 mi E (82° true). Use rnwys only - soft. Unmrkd acft parked on fld within 500' of bldgs. (4-8)
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tricycle gear acft, bal taxi strip being cleared of trees and brush. Other strip usable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of centerline of approach. Wind tee temp removed. (4-28)
CALVIN CAMPBELL MUN. ARPT (INDIAN RIVER)-Emerg use only. (3-21)
CAPITAL CITY ARPT (LANSING) Use center of rnwys only. Soft spots and broken blacktop on NE/SW rnwy near intersection E/W rnwy. N/S rnwy avail. taxiing only. Equip. on fld days. Acft parked W side fld E of apron. (4-2)
DALTON ARPT (FLUSHING)-Ctn during wet weather. (4-11)
★DETROIT-RADIO: Freq of compass lctr changed to 338 kcs. May 22. These data rcvd too late for data pages, charts and for (R) symbol.
DETROIT NAS-Closed 1700 to 0800. (9-14)
DR. HAINES FLYING FLD (THREE RIVERS)-Use strips only. (2-24)
EMMET CO. ARPT (PELLSTON) Closed ngts. (2-17)
FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (4-24)
FORD ARPT (DETROIT)-CLOSED. Avail. emerg use only.Use rnwys only.(3-31)
★GRAND MARAIS-RADIO: RL-W fac operated by State of Mich. comm. at lat. 46-38-16, long. 85-58-56. Courses: 21°,111°,201°,291°. See page 16.
GRIDLEY ARPT (YPSILANTI)-Strips reseeded, unusable when cross is displayed. Use E/W sod patch. Condition will remain until approx June13. (4-24)
★HOUGHTON-RADIO: RL-W fac operated by State of Mich. comm. at lat. 47-12-40, long. 88-27-45. Courses: 17°,107°,197°,287°. See page 16.
JAMES CLEMENTS ARPT (BAY CITY)-Use rnwys only. Closed ngts. (3-12)
JEWETT ARPT (MASON)-Ctn on strips and taxiways when wet. (2-21)
KELLOGG FLD (BATTLE CREEK)-Equip. on fld indefinitely. (4-24)
KENT CO. ARPT (GRAND RAPIDS)-Acft weighing 8000 lbs or over use rnwys only. Rot. bcn on Admin. Bldg will be inop until approx June 27, during twr const.(5-23)
LEACH AERO SERVICE ARPT (HARTFORD)-NE/SW strip under const. (11-16)
LINDBERGH MUN. ARPT (KALAMAZOO)-Avail. ngts in emerg. Land in accordance with wind tee lctd midway between NW end NW/SE and Nend N/S rnwys. Use rnwys only. (2-19)

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MACKINAC CO. ARPT (ST. IGNACE)-Use rnwys only. (4-5)
McKINLEY ARPT (FRASER)-Avail. to lgt acft only in dry weather. (4-26)
MOUNT PLEASANT ARPT-Sod strips soft during early spring months.(4-24)
MUSKEGON CO. ARPT-Use rnwys only-rough. (4-24)
OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO. ARPT (GAYLORD) Use NW/SE strip with ctn-sand surface.(4-24)
PHELPS COLLINS ARPT (ALPENA)-Lgt acft may use sod between rnwys.(3-21)
PLANE HAVEN ARPT (STANTON)-CLOSED. (3-15)
ST. CLAIR CO. ARPT (PORT HURON)-Rdo Stn WEBO erected 145' twr 4 mi NE (37° true), temp lgtd. Use strips only-soft when wet. Equip. on fld. (4-24)
**SAUGATUCK-DOUGLAS ARPT (DOUGLAS)-Lat. 42-37, long: 86-12.
SAULT STE MARIE ARPT-Loose gravel on N/S rnwy. Use rnwys only. (4-8)
SELFRIDGE FLD (MT. CLEMENS)-RADIO: Army range will be relctd in early June. (5-20)
SKYHAVEN ARPT (SAGINAW) CLOSED (const). (4-11)
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (4-24)
TRAVERSE CITY ARPT-Obst lgts S end N/S rnwy inop. Use rnwys only.(4-28)
TWIN CITIES ARPT (BENTON HARBOR)-Use rnwys only, soft after heavy rains (4-15)
**WASHTENAW ARPT (ANN ARBOR)-To be carried under Dexter. Correct lat. 42-17-30, long. 83-51-45. See page 140. Use rnwys only. Avail. days only. (2-20)
WAYNE CO. ARPT (DETROIT)-No lgts or rdo. (4-7)
WILLOW RUN ARPT (YPSILANTI)-RADIO: Lclzr, glide path and mrkrs of CAA ILS will be comm soon. (3-28) FLD: Equip. on fld. Trucks on NE/SW taxi strip. Trenches and const of ILS bldgs on fld, mrkd. (2-14)

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AITKIN MUN ARPT-Const. (3-18)
APPLETON ARPT-Use rnwys, taxi strips only. (2-14)
BENSON ARPT-Use strips only. Closed to trans acft. (4-14)
BLUE EARTH ARPT-NW/SE strip avail. in dry weather. (5-6)
CAMP RIPLEY ARPT (LITTLE FALLS)-Now maintained. These data rec'd too late to delete (R) symbol.
COLERAINE ARPT-Slightly rolling. Const on fld. Usable in N/S and NW/SE direction only. (11-5)
DECKER ARPT (AUSTIN)-Ctn, fld soft. (4-21)
DETROIT LAKES ARPT-Use strips only. (5-5)
★DULUTH-RADIO: VHF voice fac on 116.1 mcs comm at Commun. Stn. May 23. These data rcvd too late for chart and data page.
FARIBAULT ARPT-Closed to all acft weighing over 5000 lbs. (5-16)
FLYING CLOUD ARPT (MINNEAPOLIS)-Strips leveled and seeded. E/W, NW/SE graded and seeded in spring. (12-11)
**HINCKS ARPT (MONTICELLO)-Name changed from Monticello Arpt. See page B
KENYON ARPT-N/S strip slopes to the N, NE/SW slopes to the NE. (5-9)
MANKATO ARPT-Strips soft during spring thaws. Closed to all multi-engine and heavy single engine acft. (4-1)
MARSHALL ARPT-Newly graded and seeded strips. Use with ctn. Avoid in wet weather..(4-28)
MONTEVIDEO ARPT-Strips muddy when wet. (2-14)
NEW ULM ARPT-E/W strip has 10' hill. Use with ctn. (11-1)
ORTONVILLE ARPT-Temp closed (const). (6-20)
PRINCETON ARPT-Use N/S strip only. (5-12)
ST. PAUL ARPT-Use rnwys, taxi strips only. (3-31)
THIEF RIVER FALLS MUN. ARPT-Use rnwys only. Bal fld planted in grain.(4-30) (4-30)
UNIVERSITY OF MINNESOTA ARPT (NEW BRIGHTON)-N end N/S strip rough. (4-3)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center-parked acft.
VIRGINIA ARPT-Rough. (4-1)

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WILLIAMSON-JOHNSON ARPT (DULUTH)-Use rnwys only. (11-8)
WILLMAR ARPT, SITE 16, HR-MP-Unsafe heavy acft (soft). (5-8)
WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-RADIO: CAA ILS lclzr and glide path now operating normally. (2-24) FLD: Foreign Clearing Stn for Musk-Calif. Project Flights. Ltd maintenance facs, no parking facs for Army acft temp. Exper horizontal neon lgt installed on fence 300' S of S end N/S rnwy. High intensity rnwy mrkr lgts being installed both sides N/S rnwy. Heavy acft use rnwys, taxiways only-soft. (4-30)

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BASS FLD (LULA)-Landing area rough. (11-13)
CARROLL CONE ARPT (TUPELO)-Equip. and stakes on fld. (1-2)
COLUMBUS AAF-Use rnwys only.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (4-25)
GRENADA ARPT-NE/SW rnwy closed. (6-28)
GULFPORT MUN. ARPT-Avoid flying over area directly off SW corner. Entire sod fld avail. (4-1)
HAWKINS ARPT (JACKSON)-Two 115' temp lgtd stacks 1-1/2 mi SE. 136' water tank being erected 3.5 mi SSE (153° true). Temp lgtd during const. (4-11)
JACKSON COUNTY ARPT (PASCAGOULA)-Trans acft use rnwys only - drainage grills under grass. (5-17)
KEESLER FLD (BILOXI)-Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way rdo. 20' boom NE corner NE/SW rnwy mrkd. (4-28)
KEY FLD (MERIDIAN)-Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off path Rnwy 4. Obst lgts atop Admin Bldg, two hangars, ILS glide path and lclzr bldgs, and arpt bcn E side fld, bndry lgts, tetrahedron lgts, and all rnwy lgts except on NE/SW rnwy inop. (5-10)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
**MACON ARPT (RHYMES FLD)-ABANDONED.
MARKS ARPT-Ctn in wet weather. (2-21)
**MASONIC ARPT (COLUMBUS)-Correct lctn: lat 33-30-45, long. 88-22-45. (11-20)
McCOMB ARPT-West 1/3 of E/W strip unusable. (2-17)
McLAURIN ARPT-Unusable-strip washed out by rain. (4-29)
O'KEEFE FLD (NEWTON)-Soft when wet. Low spot 450' N of circle mrkr. (4-24)
TATE ARPT (LELAND)-Soft when wet. (4-24)
YAZOO CITY CO. ARPT (YAZOO)-Use N/S strip only bal fld soft. (2-17)

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ACE HIGH ARPT (GALT)-Under const. Use with ctn. N/S strip slopes badly to S.
BAILEY'S ARPT (BROOKFIELD)-Use strips only. (9-20)
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (2-17)
CHILLICOTHE ARPT, SITE 7, KC-CG-Use sod areas with ctn, numerous washes, ditches, and wheel tracks. Avoid unmrkd ditches SW side SE end of paved rnwy and SE edge NE/SW rnwy SW of CAA weather stn. Keep to paved rnwy and taxi strip when wet. (5-5)
**COLUMBIA ARPT-Flood lgts avail. (10-17) See page 40. Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding ceilometer 1000' E of rot. bcn. Equip. on fld days. (3-7)
**FARMINGTON-Correct lat 37-46-15, long. 90-24-30. See page 88.
FAYETTE ARPT-Closed during winter-avail. lgt acft in emerg only. (11-19)
HARRIS FLD (CAPE GIRARDEAU)-Use strips only - parked acft.
INDEPENDENCE ARPT-CLOSED. (3-14)
JEFFERSON CITY ARPT-NE/SW, E/W strips avail. twin-engine acft not exceeding weight of C45, UC78 (4-22)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (2-22)
★KANSAS CITY ARPT-RADIO: CAA ILS recomm May 23. Lclzr transmitter now lctd 232' S of S end of N/S rnwy, glide path transmitter lctd 1154' S of the approach end of N/S rnwy and 382' W of the centerline of N/S rnwy. Glide path will be intersected at 1850' MSL over outer mrkr. Middle mrkr now keyed alt dots and dashes, now lctd 2.6 mi N of the approach end of N/S rnwy. Outer mrkr lctd 4.65 mi N of approach end of N/S rnwy, keyed two dashes per second. Bndry mrkr decomm. Caution-lclzr has low clearance spots or false courses 90° E of front course and 50° W of front course. Glide path and middle mrkr temp unmonitored. These data rcvd too late for inclusion on data page. FLD: Avail. mil acft not exceeding 50,000 lbs. Army acft rstd from refueling except in extreme emerg. No. 1 neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Unlgtd levee along N side fld raised to 20' above fld level. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. Obst lgt atop dike and on the extension of center line of N/S rnwy. Heavy acft use rnwys and taxi strips only. Const immediately N of Term Bldg-ctn when parking acft this area. (3-28)
KING ARPT (HOUSTON)-Staked for impending const. (4-2)
KIRKSVILLE ARPT, SITE 12, KC-CG-Sod portions fld soft. Heavy acft use N/S rnwy. (4-29)
★LAMBERT-ST. LOUIS ARPT (ST. LOUIS)-RADIO: May 21, middle mrkr of CAA ILS comm, ident cont alt dot and dash, lctn: 3385' NE from approach end of NE/SW rnwy, mrkr unmonitored. Bndry mrkr decomm. Lclzr unreliable, unmonitored. About May 26, glide path will be comm on 335 mcs. Lctn: 1484' SW from approach end of NE/SW rnwy. FLD: Closed to non-rdo equipped acft. Navy facs closed 1700 to 0800 except when Opers Officer notified before 1500. Const on new rnwy 50' from SE side of intersection Rnwys 6-24 and 16-34 extending SE 1000' and on E and SE bndrys of fld. Apron NW corner fld and approach end Rnwy 7 closed, mrkd. Equip. in these areas lgtd ngts. Soft off rnwys-avail. lgt acft. (5-19)
**LEBANON INT, 54B, AQ-LS-Will hereafter be carried as Lebanon Arpt, Site 54B AQ-LS. See page 88.
MARYVILLE MUN. ARPT-Use strips only. (9-18)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (2-20)
**MEYERS FLD (CARTHAGE)-Formerly carried as Carthage Arpt. See page 88.
NEUBEISER OLF (ST. LOUIS)-Use in emerg only (caretaker status-no facs).
**ROGERS ARPK (SPRINGFIELD)-Flood lgts avail
ROLLA ARPT-Unsafe heavy acft (soft). (1-15)
ROSECRANS FLD (ST. JOSEPH)-Use rnwys only-sod areas unsafe. Equip. on fld. days. (4-29)
**SIKESTON ARPT-Name changed from Harvey Parks. See page 88. Use rnwys only-parked acft.
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (4-29)
TARKIO SITE, 10, KC-OH-S 1/3, N/S and E 1/3, E/W strips unsafe heavy acft (soft). (5-5)
VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strips. (2-26)
**WARD ARPT (CRAIG)-Formerly carried as Craig Arpt. (11-23) See page 38.

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BILLINGS ARPT-Army acft rstd from refueling except in extreme emerg. (12-26)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy in wet weather. (11-18)
CUSTER RADIO: Reactivation of commun stn indefinitely postponed. (5-5)
CUT BANK ARPT-Ctc lgts inop. Landing flares avail. on req. (5-6)
GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. (3-27)
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. E 200' E/W rnwy closed, mrkd. Right traffic W winds, left traffic E winds. Traffic 600'.
HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
LEWISTOWN ARPT-Use rnwys only. (2-25). 200' temp lgtd rdo twr stn KXLO 3 mi

NE (58° true). (2-7)
LIVINGSTON INT, SITE 10, HL-TWIN CITIES-Stn KVRI erecting 50' unlgtd antenna pole atop 300' hill 2.5 mi WNW (288° true). (3-11)
**MILDRED INT, SITE 38, HL-TWIN CITIES-Bcn, range, flood, inst approach lgts oper. from dusk to dawn. (11-25) See page 8.
MILES CITY ARPT-Bndry lgts inop. NW and NE floodlgts inop. (5-7)
MISSOULA CO. ARPT-NE/SW rnwy closed. NW/SE rnwy closed to class B-17 or heavier acft. (2-21)
MOORE ARPT-S end N/S strip rough. (7-30)
POLSON ARPT-Usable with caution. (7-19)
PONDERA CO. ARPT (CONRAD)-Ctn in wet weather (muddy). (3-31)
POPLAR ARPT-Dangerous when wet. (9-6)
ROUNDUP ARPT-NE 2500' NE/SW strip unsafe-large holes, mrkd. (1-21)
SIDNEY ARPT-Ends of strips in cultivation.
VALLEY CO. ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using. (9-7)

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CLAY CENTER ARPT-Use mrkd strips in wet weather, all way in dry weather.(3-10)
CLEAR RIDGE ARPT (OMAHA)-Use strips only. (3-10)
CRETE ARPT-Use rnwys only. W 1/2 of E/W rnwy closed. (3-13)
ELGIN ARPT-Haystacks on fld. (3-10)
★FT. CALHOUN-RADIO: May 19, bone-shaped FM comm at lat 41-27-12, long. 95-58-24, lctd 10.2 mi NW on the NW course of the Omaha low freq rng, ident. 4 dashes. California, Iowa FM decomm at same time.
FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet. (3-10)
GRAND ISLAND AAF-Blinding ceilometer lctd 1000' N of Admin Bldg. (5-8)
HAWKS ARPT (BRUNING)-Soft when wet. (3-14)
KEARNEY AAF-RADIO: Army H fac temp inop. (1-21) FLD: No opers office.(3-24)
**LEXINGTON MUN ARPT-Correct lat 40-47-30, long. 99-46-30.(1-16) See page 36.
LINCOLN ARPT-Priv acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (5-1)
McCOOK AAF-Soon, all obst lgts will be inop on 180' twr 2.9 mi SE of NW/SE rnwy. NW/SE rnwy avail. only. (4-23)
NORTH PLATTE ARPT-Army acft rstd from refueling except in extreme emerg. (10-9)
OMAHA ARPT-Use rnwys only. Rnwy 17R-35L avail. days only. (4-7)
**ORD MUN ARPT-Correct lat 41-37-00, long. 98-57-30. (1-17) See page 36.
PENDER ARPT-Extreme ctn during wet weather. Lgt acft only. (2-20)
**SCHWARTZ-JOHNSON ARPT (SIDNEY)-ABANDONED. (5-19)
SIDNEY INT, SITE 50, SL-OH-Use rnwys only, bal fld rough. (4-23)
STECKLEY ARPT (WEEPING WATER)-CLOSED (5-23). These data rcvd too late for Ⓡ symbol.

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BATTLE MTN-RADIO: Bdcast inop. These data rcvd too late for Ⓞ symbol.
BATTLE MTN FLIGHT STRIP, SITE 35, SF-SL-Use paved surfaces only-shoulders soft. Portions of bndry lgts operating intermittently. (4-7)
BOULDER CITY ARPT-SW end NE/SW rnwy unusable. (2-21)
DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)
**FALLON NAAS-Name changed to Fallon OLF. See page 21 and 76.
FALLON OLF-Closed except in emerg. (4-11)
FERNELY INT, SITE 22, SF-SL-Rough with soft areas due to wind erosion, soft sand, mrkd. Avail. days only. (3-11)
GOODSPRINGS-RADIO: FM reported unheard. (5-21)
HAWTHORNE ARPT-Traffic is 1500' outside of city mile square and 600' altitude. Civil acft advised to enter and leave fld by following the main thru hwys and not fly directly over any bldgs. (3-3)

[redacted]

HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd. (4-5)
LAS VEGAS-RADIO: Mar 3, VHF rng comm cont on test basis at lat 36-11-06, long. 115-05-48. Bear. and dist, stn to McCarran Fld: 24°, 4.2 mi. Freq 109.1 mcs. Ident. "LQ" Courses: visual 29°, 209°; aural 119°, 299°. Mag. var.: 16°E. Simult voice channel and rcvg watches avail. 24 hrs daily. Stn class: VAR-DTV. Stn now guards 3117.5 kcs, 116.1,122.1 mcs. Disregard spurious signals. 122.1 mc rcvr low freq rng inop. (5-3)
LAS VEGAS AAF-RADIO: Army air/gnd stn 140.58 mc rcvg freq and 4765 kc transmitting freq inop. (5-20) FLD: Bndry, rnwy rng lgts in cont ngt oper. Rnwy ctc lgts and neon approach lgts not avail. midngt to 0800 daily. (2-17)
**RANCH CLUB ARPT (LAS VEGAS)-Name changed to Hoot Gibson's D4C Ranch.
TAHOE SKY HARBOR ARPT (GENOA)-Trans or inexperienced pilots avoid using. (8-5)
YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)

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BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind conditions. In calm air conditions, take-off and land to NW. Unlgtd 34' hangar under const adj to bldgs S border fld. Bcn oper intermittently. (4-4)
BRATTLEBORO-HINSDALE AIRPARK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)
CONCORD ARPT-Lgts Rnwy 3-21 inop. (5-12)
DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (2-17)
GRENIER FLD (MANCHESTER)-RADIO: Army ILS temp inop. (3-6)
HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)
LACONIA ARPT-Safety strips rough. Holes and cave-ins edges E/W rnwy. (4-12)
LAFAYETTE FLD (PORTSMOUTH)-CLOSED (emerg use only). (5-6)
LAKES REGION ARPT (WOLFEBORO)-Turf strip unsafe (flooded areas). (4-7)
NEWPORT ARPT-60' trees N end N/S strip. (10-9)

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ATLANTIC CITY-RADIO: VHF rng operating on test basis only.
ATLANTIC CITY NAS-Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hr previous arrangement with Opers Officer. (12-11)
**BURLINGTON ARPK-Correct lat 40-05-00, long. 74-49-45. (1-21) See page 68.
CALDWELL-RADIO: VAR rng will be comm woon at lat 40-50-45, long. 74-23-00. Freq 109.1 mcs. Ident. "NU" Visual courses: 112°, 292°; aural courses: 22°, 202° Var 11° W. Class: VARW. (3-24)
CALDWELL-WRIGHT ARPT (CALDWELL)-Right traffic when taking off and landing from SW. (4-24)
CAPE MAY CGAS-Closed to trans acft except in emerg (caretaker status-no facs).
COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (3-3)
HADLEY ARPT (NEW BRUNSWICK)-Use only cinder rnwys in wet weather. (2-27)
LAKE SUSQUEHANNA ARPT (BLAIRSTOWN)-Right traffic when taking off and landing to the SW. (5-16)
LINCOLN PARK ARPT-Right traffic N, NW, NE winds. (5-7)
LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S. (1-29)
LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)
MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)
MILLVILLE ARPT-Rnwys incorrectly mrkd. N/S rnwy 18-36 should be 1-19; NE/SW rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE rnwy 12-30 should be 14-32. Bndry lgts inop. Ctc lgts E/W, N/S rnwys inop. (4-4)
NEWARK-RADIO: Pilots report W course displaced 3° S, bear. 106°. (5-24) These data rcvd too late for Ⓞ symbol.
NEWARK ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-23) FLD: Closed to all acft without 2-way rdo. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 28 rough. Pilots are to make ap-

proach for numeral on rnwy. No hangar space for Army acft. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to red approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip. Rnwy 1-19 closed. (4-28). To reduce acft noise over Newark residential area and avoid tall bldg section: 1. Increase rate of climb as much as practicable. 2. N-bound or E-bound acft make left turn as soon as practicable in take-off to SW. 3. Make a half left turn as soon as practicable in take-off to W. 4. Make a half right turn as soon as practicable in take-off to N. Pass at least 500' E of gas tar. s lctd in Harrison when making a S approach to the N/S rnwy. (9-7)

OCEAN COUNTY ARPT (ADAMSTON)-Const. NE/SW strip. (2-25)

RED BANK ARPT-Area starting from hwy W 1200' to the intersection of the N/S strip unusable. E end E/W strip seeded. Closed to acft over 10,000 lbs except by prior fone arrangements. (4-22)

SOMERSET ARPT (SOMERVILLE)-On W take-off start left turn as soon as practicable. On NW take-off make gentle right turn as soon as practicable followed by wide left hand pattern. (3-16)

TETERBORO AIR TERMINAL (BENDIX)-Const. Pilots using fld do so at their own risk. Rdo rcvrs rqrd all acft using fld. Unsurfaced taxiways rough. (4-8)

NEW MEXICO

ALAMOGORDO AAF-RADIO: Army rng inop. (4-8) FLD: Ltd lighting Rnwys 3-21, 7-25, 15-33. Wind tee inop. Closed to all trans acft except on orders from CG, AAF; CG, AMC; or SG, SAC. Acft will not carry trans passengers not listed on orders to this fld. Opers and svcg avail. 0730 to 1600 Mon thru Fri only. (5-16)

ALBUQUERQUE ARPT-Used by WAA. Avail. only for delivery surplus acft, prospective purchasers of surplus acft or parts, or in emerg. E/W rnwy closed. (4-18)

*CLOVIS AAF-RADIO: Army H fac discont. Army twr operates daylgt hrs only. (5-22). These data rcvd too late for data page, charts and for (R) symbol. Army rng stn bdcasts weather on req only. (5-12) FLD: No opers office. Emerg landings only ngts. (5-21)

CONDRON FLD-See notice under White Sands Proving Ground, N. M.

CREWS FLD, SITE 42, EO-PU (RATON)-Avail. days only. (3-18)

GALLUP ARPT-E/W rnwy closed. (3-18)

GALLUP CITY ARPT-ENE/WSW strip under const. (3-18)

HOBBS AAF-Rnwys 3-21, 12-30 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)

HOBBS MUN. ARPT-Allway landing area rough. Heavy acft use rnwys only. (3-18)

JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened. (5-28)

KIRTLAND FLD (ALBUQUERQUE)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-5)

LAS VEGAS ARPT-Use rnwys only, bal fld unsafe. (2-21)

LOS ALAMOS AIRFLD-Closed. Landing permission must be obtained from the Area Mgr, United States Atomic Energy Comm, Santa Fe Area, P.O. Box 1539, Santa Fe, N. M. (5-15)

LOVINGTON ARPT-Cattle on fld. (9-16)

MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (3-18)

**ME-TEX ARPT (HOBBS)-ABANDONED.

PARKER FLD (RUIDOSO-FT. STANTON)-Cattle on fld. (9-16)

ROSWELL-Inten inst train. on Roswell Rdo Rng below, above, and in overcast. Acft inbound to Roswell or operating in vicinity under IFR contact Roswell Rdo for instructions.

ROSWELL AAF-Ltd parking. (2-16)

SANTA FE ARPT-new-Army acft rstd from refueling except in ext. emerg. (1-15)

**SKYTEL ARPT (DEMING)-Correct lctn lat 32-15-45, long. 107-46-30. See page 104.

TULAROSA ARPT-Use E/W strip only. (9-16)

WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condron FLD, White Sands Proving Ground will be cleared to Biggs Fld, Tex, and will obtain permission and instructions from Biggs Fld Opers before landing at Condron Fld. When Condron Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by rdo prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condron Fld. (10-14)

NEW YORK

ALBANY ARPT-Equip. on fld intermittently. (2-22)

AMSTERDAM ARPT-CLOSED (soft). (4-11)

BATH-H'SPORT ARPT (HAMMONDSPORT)-W landings and take-offs right traffic. E left traffic. (3-28)

BENDER-BRENTWOOD FLD (BRENTWOOD)-Const on fld-ctn. (2-18)

BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)

BUFFALO ARPT-RADIO: CAA ILS flgt-checked and operating on TEST BASIS cont. Will be comm May 28. Serves NE/SW rnwy, approach bear. 232° mag. Var. 8° W. Lclzr lctd 450' from SW end of NE/SW rnwy, lat 42-55-50, long. 78-44-35. Elev. 667' MSL. Freq 109.9 mcs, ident. "BUF". Glide path lctd 400' NW of centerline of NE/SW rnwy, 1550' from NE end at lat 42-56-23, long. 78-43-59. Elev 712'. Freq 333.8 mcs. Glide angle 2.5°. Middle mrkr lctd 3480' from NE end of rnwy, at lat 42-56-58, long. 78-43-06. Elev. 695'. Keyed alt. dots and dashes. Outer mrkr lctd 4.2 mi from NE end of rnwy, at lat 42-59-10, long. 78-40-15, Elev. 665'. Keyed 2 dashes per sec. Outer mrkr compass lctr at site, freq. 201 kcs, ident. "X". (5-23) FLD: Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. Rnwys and taxi strips mrkd with black flags for winter opers. Lclzr screen 16' beyond lclzr bldg SW end NE/SW rnwy, lgtd. Projects 4' above obst lgts on lclzr bldg. (3-13)

CHEMUNG CO. ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practice consistent with safety. (2-22)

CHRISTIE ARPT-Fld soft. Closed to trans acft. (3-8)

COLUMBIA AIRFLD (VALLEY STREAM)-Closed to all Navy acft except in emerg. (5-13)

FLOYD BENNETT FLD NAS (NEW YORK)-Avail. 0800 to sunset. Avail. to transport traffic after sunset upon receipt of 2 hrs prior req of ETA. (5-18)

FLUSHING ARPT-Right traffic on N and NW wind from 315° to 360°. All turns to left on gnd. (3-28)

FORT PLAIN INT, SITE 40A, CV-AZ-Unsafe hvy acft-soft. Lgt acft use ctn. (4-5)

FULTON ARPK-Right traffic when landing S and SE. (3-31)

GLOVE CITY ARPT (GLOVERSVILLE)-CLOSED (deep mud). (4-10)

HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)

HYLAN FLD (ROCHESTER)-Use strips only - caution when wet. (5-18)

IDLEWILD-RADIO: CAA ILS comm Apr 9, for purposes of pilot training and familiarization only. Hrs of oper: 0830 to 500 Mon-Fri. Serves Rnwy C ENE/WSW, with approach from WSW. Mag. heading for landing: 72°. Lclzr freq. 109.5 mcs, ident. "NY". Glide path freq. 332.6 mcs, angle: 2.6°. Outer mrkr lctd 5.8 mi from end of Rnwy C, keyed 2 dashes per second. All acft utilizing this installation must clear with Navy twr at Floyd Bennett Fld. Idlewild Arpt is under const and minimum alt. permitted during simulated approaches will be 200'. (4-11)

IDLEWILD ARPT-Not yet opened-const. (3-13)

ISLIP-RADIO: Commissioning of VHF rng has been indefinitely postponed. (5-2)

**ITHACA ARPT-Clear white rot. bcn oper. during hrs of darkness. See page 52. Right traffic pattern in use. (3-3)

KINGSTON-ULSTER ARPT (KINGSTON)-ESE/WNW strip closed. (3-20)

LA GUARDIA FLD (NEW YORK)-RADIO: Effect June 2, ADF approach control will be inop until June 16 due to modification of commun and approach control equip. During this period IFR arvl acft will be under the control of New York Air Route Traffic Control Center. Air traffic control clearances will be delivered thru CAA Commun Stns or respective airline Co. rdo facs. (5-19) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (3-25) About May 29, bndry mrkr of CAA ILS will be decomm. (5-21) FLD: ARMY ACFT HAVING OF BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. with Cmdr. Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. Trans NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy, lgtd. Obst lgts atop lclzr shack approach end Rnwy 22 and end Rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. 40' GCA truck and trailer 500' W of intersection Rnwys 4-22 and 13-31, mrkd. (2-24)

MacARTHUR FLD (ISLIP)-Mobile ILS units 20' high on all rnwys 500' from rnwy centerline, lgtd. Acft ase ctn-unconventional flgt test oper. Equip. on fld daylgt hrs. (2-21)

MASSENA-RADIO: VHF rng temp inop until approx May 29 for realignment of visual courses to: 75°,255°; aural courses to: 165°,345°. Blue hemisphere NW, "N" hemisphere NE. (5-19)

MASSENA-156' twr Rdo Stn WMSA lctd 232° 3.0 mi SW, temp lgtd with red lgts on top. Upon completion lighting facs will consist of 300 mm flash. bcn atop and four side lgts; two at 1/3 level, 2 at 2/3 level. (9-9)

MASSENA ARPT-Use rnwys, taxi strips only - turf rough. (2-21)

**MATTITUCK ARPT-Correct lat 40-59-00, long. 72-31-00. (1-14) See page 54.

MITCHEL FLD (HEMPSTEAD)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 18-36 closed. (4-25)

**MONTAUK (LONG ISLAND)-Anti-acft rng estab. approx 5 mi E within the following described area: an arc of a circle with radius of 20,000 yds centered at lat 41-03-30, long. 71-52-00, extending clockwise between 90° true and 225° true.

NANTICOKE VALLEY ARPK (MAINE)-Flares avail. in emerg. (3-17)

NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)

NEW HACKENSACK-Bcn site 6, LG-UL rot bcn with clear crs lgts comm May 13, at lat 41-38-09, long. 73-52-34. Elev 211' MSL. (5-13)

NEW HACKENSACK ARPT-CLOSED. (3-10)

NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following areas over New York Harbor: beginning at lat 40-36, long. 73-15; to lat 40-49, long. 72-30; to lat 40-00, long. 72-30; to lat 40-00, long. 73-15; thence to point of beginning. (2-6). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.

NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", see Special Notice, page 151

NEW YORK CITY-See Special Notice "Restriction on Flight of AAF Acft in New York City Area".

NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2000 to 0800. (4-3)

OLEAN ARPT-Fld hazardous. Keep off graded rnwy. Fone prior to using.(3-6)

PENN YAN ARPT-Ctn at N/S and E/W intersection. Soft in wet weather. (3-4)

PICKAIR SEAPLANE BASE (OSSINING)-Unmrkd shad poles in Hudson River. Land in known area only during Apr. and May. (4-11)

RANDALL'S ARPT (MIDDLETOWN)-Fld soft in wet weather. (3-1)

REPUBLIC FLD (FARMINGDALE)-Closed agts. No lgt facs. (3-3)

RIDGEWAY ARPK (ROCHESTER)-Use rnwys only-extreme ctn in wet weather. (3-27)

ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days. (2-24)

ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Rnwys 6,33, left traffic pattern Rnwys 10,15,24. Hospital 3/4 mi from Rnwy 28-avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24. (4-18)

ROSS ARPK (PULASKI)-Use center of rnwys only. Sides soft. (4-5)

SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed ordinance that any person violating traffic pattern, Federal and State regulations subject to a penalty of $100. for each violation. Closed to heavy acft.

SALAMANCA ARPT-Right traffic when taking off and landing into the W. (5-7)

SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)

SCHENECTADY CO. ARPT-Equip. on fld intermittently. Use rnwys only, grass area soft. (3-26)

**SCHOHARIE CO. ARPT (RICHMONDVILLE)-Correct lctn lat 42-38-30, long. 74-32-45. (1-29) See page 54. Right traffic when landing to the E. 800' mtn directly N of fld. (5-5)

SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with ctn. (2-21)

SMITHPORT INC. (UTICA)-Use paved rnwy only. (5-9)

STEPHENTOWN-RADIO: FM to be relctd on E course of Albany, N.Y. rng. (3-6)

STEWART FLD (NEWBURGH)-No Army acft will be cleared this fld under IFR.(4-4

SYRACUSE MUN. ARPT-Turf areas soft after heavy rains. (2-21)

TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (2-25)

TROY ARPT-Bcn inop. (10-10)

VALLEY AIR PARK (MIDDLEBURG)-Fld soft. Right traffic when landing to NW. New strip under const. Present strip will have equip. on it all summer. (3-17)

WATERTOWN-RADIO: VHF rng temp inop until approx May 29 for realignment of visual courses to: 45°,225°; aural courses to: 135°, 315°. Blue hemisphere NW, "N" hemisphere NE. (5-19)

WESTCHESTER ARPT INC. (ARMONK)-Const, tree removal equip, trucks on fld. (4-15)

WESTCHESTER CO. ARPT (WHITE PLAINS)-All traffic control lgt signals and rdo signals emanate from the mobile traffic control unit parked on grass on E side of arpt proper. Pilots should disregard new control twr being const until same is comm and mobile unit removed. (5-8)

**WESTFIELD INT, SITE 13, CV-AZ-Course lgts will remain green and will not be changed to red as previously advertised. (5-18)

WINGDALE ARPT-Avail. lgt acft only-rough. (3-21)

ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N as P84 Jets are flying from Republic Fld. (5-8)

NORTH CAROLINA

ASHEVILLE-RADIO: Apr 18, VHF rng comm at lat 35-23-28, long. 82-32-44. Visual courses: 110°,290°; aural courses: 20°,200°. Ctn rng unmonitored. Unattended and should not be used for nagigational purposes. Freq 108.7 mcs. Ident. "VP". Class: VARW. "N" signal to N. Blue sector to W, yellow to E.

ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip. on fld. No rdo facs. (1-7)

ATLANTIC MCAAF-Use in emerg only (caretaker status - no facs).

BALLOON FLD NO. I, (FT. BRAGG)-CLOSED TO ALL ACFT. No Army maintenance.

BOGUE MCAAF-Use in emerg only (caretaker status - no facs). (4-16)

BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)

BURLINGTON ARPT-N/S strip and all sod area unusable. Use rnwys only. (2-20)

NORTH CAROLINA

CAP ARPT (RALEIGH)-S 200' N/S strip unusable. SW 1400' NE/SW strip under const. (2-10)
DOUGLAS ARPT (CHARLOTTE)-Bcn code ident. inop. (2-27)
EDENTON NAS-Use in emerg only (caretaker status - no facs).
ELIZABETH CITY-RADIO: May 1, VHF rng without voice comm at lat 36-14-49, long. 76-17-25. Freq. 108.3 mcs. Ident. "ES", class VARW. Aural courses: 126°, 306°; visual courses: 38°,218°. "N" signal to N. Blue sector to W, yellow sector to E. Operated on unmonitored basis, unattended and should not be used for navigational purposes. This corrects Airgi Vol. 2, No. 2. (5-2)
ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1900 to 0700 except on prior arrangement. Civil acft use only in emerg or with prior permission of the CO. Closed to acft exceeding 60,000 lbs gross wgt.(3-27)
FORT BRAGG-Heavy firing is being conducted in all sections of Ft. Bragg danger area up to 20,000'. All acft must avoid this area shown on Flight Planning Chart 95 herein. Inten training days with rdo control target planes from fld 6 mi due E of N end Pope fld. Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.
GASTONIA MUN. ARPT-Training program consisting of from 2 to 6 acft in progress ngtly during CFR conditions. All flights conducted below 3000'. (1-29)
GREENSBORO-HIGH POINT ARPT-Both sides Rnwy 32 to intersection soft, rutted. Use rnwys only. No Navy svcg facs. (3-25)
**HALIFAX CO. ARPT (ROANOKE RAPIDS)-Correct lat 36-26-30, long. 77-43-00. (11-22) See page 96.
HICKORY-RADIO: VHF rng, no voice comm at lat 35-43-30, long. 81-16-48. Visual courses: 72°,252°; aural courses: 162°, 342°. Freq. 108.3 mcs. Ident. "HO". Class: VARW. "N" signal to E. Blue sector to N, yellow sector to S. Ctn-unmonitored, unattended and should not be used for navigational purposes.
KINSTON ARPT-Avail. civil acft only in emerg. (11-13)
LUMBERTON-RADIO: MH fac operated by City comm May 12. Transmits on 278 kcs. See page 94.
MANTEO-RADIO: Navy FM on SE course of Weeksville NAS Navy rng oper normally. These data rcvd too late fo delete ⓘ flag. (5-23)
NEW BERN-RADIO: Visual-aural VHF rng completely shut down May 1, for freq. change. (5-22)
**PINEY GROVE ARPT (KINSTON)-ABANDONED. (3-5)
POPE FLD (FT. BRAGG)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army rng unreliable; all courses swinging and NW and SE courses too wide on on-course signal. (5-12)
FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT. BRAGG. 73 oct avail. that fld. (1-31)
RALEIGH-DURHAM ARPT-ILS and transmitter bldgs 900' from NE end NE/SW rnwy. Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. Use rnwys, taxi strips only. (3-5)
ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)
ROCKY MOUNT-RADIO: Apr 22, VHF rng without voice comm at lat 35-59-00, long. 77-43-42, Aural courses: 174°,354°; visual courses: 84°,264°. Freq. 109.1 mcs. Ident. "RI". Class: VARW. "N" signal to E. Blue sector to N, yellow sector to S. Ctn-not monitored, unattended and should not be used for navigational purposes. This corrects Airgi, Vol. 2, No. 3.
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
SMITH REYNOLDS ARPT (WINSTON-SALEM)-NE/SW, N/S rnwy lgts very dim. (3-31)
THOMASVILLE ARPT-Ctn-strip rolling. (3-25)

NORTH CAROLINA

WEEKSVILLE NAF-LTA-Avail. HTA and LTA acft from 0800 to 1630, all other times by prior arrangement with the C.O. or Operations Officer. (2-27)
WILMINGTON RADIO: Apr 22, VHF rng without voice comm at lat 34-21-40, long. 77-53-30; Aural courses: 146°,326°; visual courses: 56°,236°. Freq. 108.7 mcs. Ident. "VT". Class: VARW. Ctn-not monitored, unattended and should not be used for navigational purposes.
WINSTON-SALEM-RADIO: May 23, stn shut down for conversion to an SMRLZ fac. (5-25)

NORTH DAKOTA

BISMARCK ARPT-Use rnwys only. Crash and fire fighting equip avail. 0800 to 1900 only. 12' bldg and trenching opers in vcnty SE end NW/SE rnwy, mrkd. Equip. on fld intermittently. (5-14)
CHANDLER ARPT (WILLISTON)-Use strips only, bal fld rough. (5-10)
DAWSON INT, SITE 63, HL-TWIN CITIES-CLOSED (water, mud on fld). (3-24)
DICKINSON-RADIO: Courses aligned by gnd check only. (5-24)
DICKINSON ARPT-Bndry lgts E side N/S rnwy inop. (4-27)
FARGO ARPT-HECTOR FLD-Weather below CFR minimums indicated by oper of bcn days and flash. tetrahedron lgts ngts. (3-13)
GRAND FORKS ARPT- Thirty 50' tanks adj to NE corner fld, temp lgtd. Use rnwys only, soft shoulders. (5-6)
PEMBINA INT, SITE 14A, FO-WG-Holes center of fld W of N/S rnwy. Closed to acft over 5000 lbs. Use rnwys only. (5-4)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Use rnwys only after heavy rains. (5-22)

OHIO

AKRON ARPT-Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg on arvl and dptr. Ltd svcg facs only. (5-1)
**AKRON-CANTON ARPT (AKRON)-Will hereafter be carried as Akron-Canton Arpt County Fld under Canton. Rnwy range, inst approach, obst lgts oper from sunset to sunrise. (4-17) See page 48. Use rnwys only. No down-wind taxiing on rnwys. Equip. on fld days. (5-7)
BEDFORD ARPT-Rough. Center of fld closed, mrkd with red flags. (3-17)
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N, W and SW. (3-1)
BROOKFIELD ARPT-CLOSED (grading). (2-27)
BROOKLYN ARPT (CLEVELAND)-Trans acft land at own risk. (2-22)
BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. (2-26)
CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)
CHARDON ARPT-Use rnwys only. Fld soft in wet weather. (2-25)
CHERRY FORK INT, SITE 4, CC-WA-Unsafe hvy acft (soft). (5-12)
CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)
CLEVELAND ARPT-Trans pilots must register in Terminal Bldg upon arvl and dptr. Landing fee on all civil, multi-engine acft. Glide path transmitter and antenna being const 760' NE and 200' W of approach end Rnwy 5L, mrkd. (4-7)
CLINTON CO AAF (WILMINGTON)-Rnwy lgts avail. on one hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC center upon entering or prior to departure from ATC area. Intensive instrument training being conducted; for danger area outline see Chart Columbus 63. Balloon 6' diameter, 25' long will be hoisted to 25' MSL before during and after thunderstorms at approx lat 39-11-00, long. 83-47-00. (5-15)

COLDWATER INT: SITE 4,DY-GO-Soft. (3-17)
LAYTON ARPT-RADIO: About May 29, ILS will be shut down until approx June 12 to add voice and ident. to lclzr. Bndry mrkr will be decomm and a middle mrkr and compass lctrs will be added. (5-16) FLD: Sod area W rnwy 18-36 rough-use in emerg only. At ngt and during wet weather use rnwys only. (5-10)
FAIRFIELD-RADIO: Army FM unreliable. (2-17)
GRIESER ARPT (WAUSEON)-Use strips only. (7-3)
GRIMES FLD (URBANA)-Use strips only. Land according to wind tee lctd in center of fld. (3-1(
LAKEVILLE ARPT (CONNEAUT)-Closed to heavy acft. Ctn in wet weather. Use strips only. (3-27)
LAKEWOOD AIRPARK (CINCINNATI)-Right traffic E, Left traffic W. (2-23)
LANSDOWNE ARPT (GREENVILLE)-Fld soft when wet. (2-25)
LIMA ARPT-CLOSED (soft). (3-30)
LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclzr of Army ILS inop. (12-30)
LORAIN SKYPORT-NE/SW rnwy temp shortened to 1600' (water main being dug across SW corner fld). Trans acft avoid fld in wet weather. Soft intermittently until June 1. (3-17)
LUNKEN ARPT (CINCINNATI)-Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. (3-28)
MANSFIELD ARPT-Use rnwys, taxi strips only. Equip on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (5-2)
MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW,NW/SE strips extend into cultivated area W end fld. (6-4)
McKINLEY ARPT (CANTON)-80'twr NW corner fld. (4-28)
MEDINA PRICHARD ARPT (MEDINA)-E/W:NE/SW strips closed. Land N-S in W portion of sodded fld. Watch where local acft land. (2-3)
MIDDLETOWN ARPT-Right traffic pattern taking off to S, SW and W.
NORWALK ARPK-CLOSED (soft). (3-4) Ditch N end N/S strip adj to side of road(7-26
OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use rnwys only. (2-26)
PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E,NE,SE. (3-3)
PATTERSON FLD (FAIRFIELD)-RADIO: Army ILS (SCS-51)) is to be used for CFR training flgts. Flgts will not descend below 200'. FLD: Equip. on fld. Line of telephone poles 50' high near approach Rnwy 34, lgtd. Rnwys 3-21,7-25 closed. 16-34 only avail. (4-21)
PAULDING CO. ARPT (PAULDING)-Soft when wet, land at own discretion. (2-26)
PORT COLUMBUS NAS (COLUMBUS)-RADIO: Compass lctrs at middle and outer mrkr sites of CAA ILS will be comm soon. (3-8) FLD: Use rnwys only-grass areas rough. Glide path and neon approachlgts not operating pending removal of obsts in approach lane. 30' port twr on Curtis Wright taxi strip W side fld 800' from E/W rnwy and 800' from NW/SE rnwy until approx July 7 between 0800 and 1700. (5-22)
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)
REED'S FLD (WATERTOWN)-Heavy acft use ctn in wet weather. (4-21)
SKY HARBOR ARPT (WILLIAMSFIELD)-ABANDONED (10-16)
SKY HAVEN ARPT (NORTHFIELD)-Ctn when wet. (2-24)
STOMBAUGH ARPT (BRYAN)-Ctn wet weather. use rnwys only. (2-20)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Test flying Land according to wind tee atop NE corner of hangar. Use rnwys only. unlgtd bldgs entire S bndry fld. Trans pilots must register in Opers Office upon arvl and dptr. (2-26)
TOLEDO ARPT-Equip. on fld 1500' S, intersection. Wind tee free swinging. All sod landings parallel to active rnwy. (5-10)
VAN WERT ARPT-Unsafe heavy acft. Lgt acft land with ctn. Soft when wet. (5-1)
WARD ARPT (BEDFORD)-SW end NE-SW strip under const. Strips unusable during thaws. (3-2)
WELLINGTON ARPT-Right traffic on S and SW rnwys. Const N end N/S rnwy. Closed during thawing weather. (3-13)

WILLOUGHBY ARPT-New NW/SE strip under const. Use with ctn. (5-13)
WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS ACFT EXCEPT IN EMERG. All trans Army and Navy acft use Patterson Fld. (3-18)
YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (3-13)
ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded areas. Tetrahedron ngts on req only. Rnwy in use lgtd cont. (3-13)

ALTUS AAF-Avail. only for delivery surplus mil acft or in emerg. Equip. on and near N/S rnwy. (3-17)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg. only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10FV-WD. Intensive ctc and inst train. in progress. (3-11)
CADDO FLYING SERVICE (FT. COBB)-Use with ctn when wet. (3-9)
CIMARRON FLD (YUKON)-Now a WAA Sales and Sto. Center. No svcg, repairs or overngt sto. Planes parked on fld. 4 strips indicated by pylons and mrkrs. Lime mrkings center of each strip. (3-17)
COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (3-17)
★GAGE-RADIO: May 13, SW crs realigned to 39°. Courses Flgt-checked,correctly aligned. FLD: No fuel. (4-30)
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
GUTHRIE MUN ARPT-Course lgts changed to red. Bndry lgts decomm. (3-17)
HATBOX FLD (MUSKOGEE)-Use rnwys only-parked acft.
IDABEL ARPT-Avoid S1/3 N/S strip after heavy rains. (2-26)
LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (3-17)
MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only. Lcl traffic avoid flying over bldg area and corporate limits of Norman. (3-17)
NUCKOLS FIELD (OKLAHOMA CITY)-Use rnwys only. (1-14)
POST FLD (FT. SILL)-All except liaison acft use rnwy. Rnwy unlgtd; closed ngts. Const, equip. on fld. Bcn atop water twr inop. (3-7)
ROOSEVELT-RADIO: Ctn - VHF range unmonitored. (4-10)
SHAWNEE ARPT-Use rnwys, taxi strips only. (3-17)
STILLWATER ARPT #1-325' twr rdo stn KSPI being erected 4 mi SSE (160° true)(2-20)
TINKER FLD (OKLAHOMA CITY)-RADIO: Army rng reliable for homing only.(3-6) FLD: Use rnwys, taxiways only. Stored acft adj rnwys. W ramp congested.(3-6)
TULSA ARPT-RADIO: Glide Path of CAA ILS inop. (4-7) FLD: Pilots without rdo watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only. (3-25)
WILL ROGERS FLD (OKLAHOMA CITY)-Bndry lgts inop-ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. Use rnwys, taxi strips only. (4-9)
WOODRING FIELD (ENID)-Use rnwys only. (8-5)

ASTORIA-RADIO: May 25, ident of Rng oper by Port of Astoria changed to "AST" These data rcvd too late for inclusion on data page and chart.
BAKER ARPT-Use rnwys only. (5-20)
BEND ARPT (old)-Usable in emerg. (5-2)
COASTWAY SCHOOL OF AERONAUTICS (TILLAMOOK)-Right traffic W takeoffs and landings. (3-17)
EUGENE ARPK-Rnwy pavement not built to withstand acft weighing over 4000 lbs. (5-20)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-Steep grade. (6-5)
HOOD RIVER ARPT-Avail. lgt acft. Soft when wet. (3-13)
KLAMATH FALLS ARPT-Rnwy lgts Rnwy 7-25 inop. (2-19)
LEXINGTON ARPT-Right traffic when landing to the E. (4-28)
MAHLON SWEET FLD (EUGENE)-Equip. on fld. Use rnwys only. (5-2)
MEDFORD AAF-RADIO: Effect Apr. 25,oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or

OREGON

flood lgts. No maintenance mfl. acft. (3-12)
PILOT ROCK ARPT-Usable lgt acft. (5-2)
★PORTLAND ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-24) Glide path angle of CAA ILS: 2-3/4°. (5-18) FLD: Acft landing this fld must have workable 2-way rdo. (5-20)
••ROBERTS FLD (REDMOND)-Only temp rnwy lgts avail, on req. See page 1.
ROSEBURG INT: SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry. (12-3)
SANTIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W. (3-13)
SEASIDE ARPT-Right traffic S takeoffs and landings. (3-17)
SUTHERLIN SKY RANCH ARPT-CLOSED; (3-22)
THE DALLES ARPT-NE/SW rnwy unlgtd. Pole line SW unlgtd. (3-19)
TILLAMOOK NAS-Rot, bcn operates from sunset to sunrise and during IFR conditions. Ctn during low visibility. High terrain surrounds stn in all quadrants.(2-13)
TROUTDALE ARPT-Parked acft. (3-13)
TULANA ARPT (WORDEN)-Soft when wet. Pilots use at own risk. (5-2)

PENNSYLVANIA

ALLEGHENY CO ARPT (PITTSBURGH)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-17)
ALLENTOWN-RADIO: VHF range comm Apr 24, operating without voice at lat 40-44-25, long. 75-27-20. Freq. 109.1 mcs. Ident. "XA". Visual courses: 107°, 287°; aural courses: 17°,197°. "N" signal to E. Blue sector to N, yellow sector to S. Bear. from stn to N end N/S rnwy Allentown-Bethlehem Arpt: 178°, 5.7 mi. Class: VARW. This corrects "AIRGI" Vol. 2, No. 3.
ALLENTOWN-BETHLEHEM ARPT-Areas off rnwys soft in wet weather. Floodlgts Rnwys 9,14,18 inop. 150' twr Rdo Stn WSAN being erected 7 mi S (180°) true.
BARRETT ARPT (CANADENSIS)-CLOSED (const). (12-18)
BEAVER FALLS ARPT-Patterson Heights Arpt, 1.5 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft.(3-30
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2)
BLAIR CO. ARPT: SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (4-8)
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (3-14)
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (3-11)
CECIL-RADIO: Visual and aural FM signals reported in Vicinity of Imperial, Pa.
CHEMUNG VALLEY ARPT (ATHENS-Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. Soft when wet. (2-21)
CLEARFIELD ARPT-Right traffic when landing or taking off to the E,NE and SE. (4-3)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. Pwr lines E.(3-10)
DALEVILLE ARPT-Right traffic used on S to SE take-off.
EAST SCRANTON ARPT (SCRANTON)-Emerg use only. (5-28)
GORDON ARPT-NW/SE rnwy closed. Section being repaired mrkd with 50' white X and rnwy mrkd with red flags. (3-19)
GREATER PITTSBURGH ARPT (PITTSBURGH)-Use rnwys only-shoulders soft. CFR plans only. Ltd Army facs. Rnwy 32 closed. Equip. on fld. (4-29)
GREEN ACRES ARPT (BEAVER MEADOWS)-Strips soft when wet, use sodded area only. Const N/S rnwy. Use NW/SE, E/W, NE/SW strips. (2-21)
GREENE CO. ARPT (WAYNESBURG)-Temp 50' derrick adj to N side of NE/SW rnwy mrkd. (5-7)
HARRISBURG STATE ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-14) FLD: Use rnwys only. (3-12)
••HUGHES ARPT-ABANDONED
JOHNSTOWN ARPT-Use rnwys only. Army Reserve Training Sundays. (5-10)
KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (3-13)
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd. (3-12)

PENNSYLVANIA

LANSDALE ARPT-Right traffic when taking off to the E. (5-7)
MILLARD ARPT (ANNVILLE)-Sod area soft-use strips only. (5-12)
MT. POCONO ARPT, SITE 21, BJ-LG-Ruts along extreme SE side NE/SW rnwy. Use ctn when taxiing this area. (3-24)
MT. UNION ARPT-Left traffic 600' pattern. Student training. Land according to wind tee S end fld. Wind sock atop hangar. In wet weather, use only rnwys, taxi strips. (3-13)
MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (1-27)
OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld. 81' high tension wires across approach zones Rnwys 29,14. Lgtd obsts between Rnwys 29, 32, approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use rnwys 11, 32 for ngt landings. (4-25)
PHILADELPHIA NORTHEAST ARPT-Use rnwys only. Trans pilots must register in Admin Bldg on arvl and dptr. Equip., grandstand on ramp. Air show May 30, 31 and June 1. (5-16)
PHILADELPHIA SOUTHWEST ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-14) FLD: Closed to non-rdo-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. (3-13)
PHILIPSBURG-RADIO: Rng flgt-checked May 23. Courses correctly aligned.
••PHILIPSBURG,51A,CG-LG-Name changed to Black Moshannon. Lgts avail on req. See page 50.
PITTSBURGH-ALLEGHENY CO. ARPT-N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo equipped acft. Truck and trailer N edge NW/SE rnwy, lgtd. Flash. ident. bcn inop. (4-19)
PITTSBURGH-BETTIS ARPT-Right traffic on NE and NW rnwys. (3-14)
••PITTSBURGH-BUTLER ARPT (BUTLER)-Correct location: lat 40-46-45, long 79-57-15 (5-7) See page 50. Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (3-14)
READING ARPT-RADIO: CAA ILS oper on Rnwy 36 on exper basis. Lclzr on 109.5 mcs. Not flight-checked. Lclzr temp inop. (5-6) FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld days. Right traffic on Rnwys 13 and 18. (1-15)
STAR VALLEY ARPK (CHARLEROI)-Equip. on fld intermittently. Ctn in wet weather. (4-1)
SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings. (4-8)
VALLEY FORGE AIRPORT (NORRISTOWN)-E/W, NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic temp; on W or SW use left traffic. (3-13)
WEST CHESTER ARPT-Strips under const (4-15)
WILKES-BARRE-SCRANTON ARPT (WILKES-BARRE)-Closed ngts. (4-23)
WILKES-BARRE-WYOMING VALLEY ARPT-Use rnwys only. Closed ngts. Bndry and obst lgts avail. in emerg or by prior req. 380' rdo twr being erected 7 mls S (170° true). (5-2)
WILLIAMSPORT ARPT-Closed ngts. Rnwy lgts avail for emerg landings or by prior req. Const S side fld, mrkd. (5-23)
WILLOW GROVE NAS-Closed from official sunset to 0800. (3-14)
WINGS FLD (AMBLER)-Being seeded. Equip. on fld. (3-26)

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CHARLESTOWN NAAS-Closed 1800 to 0700. Flights desiring landings during closed hrs must notify stn 1 hr prior ETA. (3-13)
GREENE ARPT, T.F. (PROVIDENCE)-Soft spot on turf area S of rnwy intersection mrkd. During daylgt hrs arpt rstd to acft equipped with at least a functioning 200 to 400 kc rcvr. During hrs of darkness rstd to acft with functioning 2-wy rdo. (5-8)

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★PROVIDENCE-RADIO: VHF range without voice comm May 21 at lat. 41-40-32, long. 71-50-49. Visual courses: 59°, 239°; aural courses: 149°,329°. Ctn-rng unmonitored. See page 56.

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CLARK FLD (CHARLESTON)-Strips rough. (4-28)
CONGAREE FLD (COLUMBIA)-NG svcg not yet avail. (3-25)
FLORENCE ARPT-Closed ngts (bcn, rnwy, obst lgts inop).Use rnwys only. (3-13)
GEORGETOWN CO. ARPT-Bcn inop. (4-28)
GREENVILLE AAB-Occasional heavy glider traffic. Maintenance 0830 to 1700 only. Acft parked on E/W rnwy. (4-1)
JENNINGS ARPT (ORANGEBURG)-115' unlgtd derrick 3/4 N. (3-21)
LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr inop. (4-24) FLD: Control of air traffic discont. Bndry lgts inop. (4-11)
MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. (5-1)
MYRTLE BEACH-RADIO: Apr. 22, VHF range without voice comm at lat. 33-43-20, long. 78-53-15. Aural courses: 145°,325°; visual courses: 53°, 233°. Freq. 108.3 mcs. Ident. "MU". "N" signal to N. Blue sector to W, yellow sector to E. Class: VARW. Ctn-unmonitored, unattended and should not be used for navigational purposes. This corrects Airgi, Vol. 2, No. 3.
MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 50 mi radius during IFR. (12-17)
OWENS FLD (COLUMBIA)-Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd. No. 4 rnwy floodlgt inop. (5-15)
PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no facs)
★SHAW FLD (SUMTER)-RADIO: Army VHF/DF stn now oper cont. (5-15) FLD: No 73, 91 oct. (12-11)
WOODWARD FLD (CAMDEN)-Use rnwys, taxi strips only-fld tie-downs in this area. No facs for closing flight plans other than fone. Flight plans should be closed with Shaw Fld twr before landing. Closed ngts. (4-28)

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ANDERSON ARPT (MITCHELL)-Areas off rnwys soft in wet weather. (3-27)
BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (3-27)
BIEDENFELT FLD (FAULKTON)-Hay stacks on fld. Use strips only. (3-27)
BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn. (3-27)
GERONIMO ARPT-Rough and dangerous-unattended. (5-20)
**HOFER KANNEGIETER(WILLOW LAKE)-Correct lat. 44-37-30, long. 97-36-30. (1-8). See page 12.
SIOUX FALLS MUN. ARPT-Use rnwys only. Tetrahedron rmvd. Infld rough 100' E of center of NE/SW rnwy, mrkd. (4-8)
WATERTOWN-RADIO: 122.1 mc rcvr temp inop. (5-6)
W.W. HOWES ARPT (HURON)-Closed to acft exceeding 25,500 lbs. (5-5)

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BERRY FLD (NASHVILLE)-RADIO: Effect. May 20, lclzr will operate intermittently until further notice for test purposes during daylgt hrs and good weather only. Unmonitored. Not to be used for navigation. (5-22) FLD: Use rnwys only-rnwy, taxiway shoulders soft. (1-13)
CHATTANOOGA ARPT-LOVELL FLD-RADIO: 126.18 mc transmitter and rcvr at CAA twr temp inop. (5-8) FLD: Intermittent dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (2-27)
CORNELIA FORT ARPK (NASHVILLE)-Landings and take-offs to S use left traffic, to N right traffic. All appchs must be 180° side from 800'. (5-7)
CUMBERLAND FLD (NASHVILLE)-Strips under const.
DYERSBURG-RADIO: Apr. 22, VHF range without voice comm. at lat. 36-01-11,long. 89-19-00. Aural courses: 106°, 286°; visual courses: 16°, 196°. Freq. 109.1 mcs. Ident. "DJ". Class: VARW. "N" signal to N. Blue sector to W, yellow sector to E. Ctn-unmonitored, unattended and should not be used for navigational purposes.
JACKS CREEK-RADIO: 116.1 mc transmitter and rcvr temp inop. (5-22)
LEBANON ARPT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)
**McGHEE-TYSON ARPT (KNOXVILLE)-Formerly carried as Knoxville Mun. McGhee-Tyson Airport. Inst approach lgts avail. See page 92. S taxi strips closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin Bldg. (3-13)
McKELLAR ARPT (JACKSON)-Use rnwys only-parked acft.
MEMPHIS-Scheduled night training flights will be conducted in vicinity by trainer type acft Thursdays 1930C to 2230C until further notice. This activity has not yet been cleared with the Airspace Subcommittee.
MEMPHIS ARPT-RADIO: Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 mph. At such times, traffic will be controlled by lgt gun signal from lctn atop term bldg on S side arpt. (11-19) Middle and outer compass lctrs of CAA ILS inop. (5-22)
FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail, private acft equipped with fully operating 2-way rdo transmitting on one of the following freqs: 3105,4495,6210 kcs. Other acft may land by obtaining previous authorization from CAA Inspector. Student instruction in private acft not permitted. Ltd facs. No. 91 oct. (1-16)
MEMPHIS FLYING SERVICE-Right traffic N take-offs and landings; left traffic S take-offs and landings. NE/SW, E/W rnwys closed. (2-24)
MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flight plans should be addressed to "MEMPHIS NAVY". Exten. flight opers in 15 mi radius. Traffic left at 1000'. Red rot. bcn indicates IFR. Unsafe for acft over 27,000 lbs. (5-10)
OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only. (1-13)
SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (3-7)
**STEWART FLD (UNION CITY)-Formerly carried as Embry-Riddle Arpt. Flood lgts avail. See page 88. Use rnwys only-parked acft.
★TRI CITY ARPT (BRISTOL)-RADIO: CAA twr now transmits on 278 kcs., 118.7 mcs. (5-19) CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (4-8)

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ABILENE-RADIO: Stn gds 3117.5 kcs. 2300 to 0700.
ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr. (3-13)
ALAMO-RADIO: May 20, rng stn shut down until approx May 27. Fac conversion to type SMRLZ fac. (5-19)
ALICE ARPT-Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. (3-17)
ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only. Sod soft after rain. Wind tee remvd. Wind socks on N and S hangars. (3-17)
ARLINGTON (MIDWAY)ARPT-NE/SW rnwy unsafe-NW/SE rwy usable with ctn. Rnwy lgts inop. (3-17)
ASHERTON ARPT-High brush-use strips with ctn. (3-17)
ATLANTA MUN. ARPT-Cattle on fld. (11-15)

AUSTWELL INT, SITE 5A, CR-HU-Unsafe (soft, wet). (4-14)
AUSTIN-RADIO: Stn guards 3117.5 kcs 2300 to 0700. Range flight-checked, courses correctly aligned, break in stn location mrkr light pattern. (5-23)
AVENGER FLD (SWEETWATER)-Use rnwys only. (3-21)
**BANDERA ARPT-Correct lat 29-42-45, long 99-03-15)
BERGSTROM FLD (AUSTIN)-RADIO: Army ILS temp inop. (3-7) FLD: NE/SW, NW/SE rnwys closed. (4-23)
BIGGS FLD (EL PASO)-See notice under White Sands Proving Ground,N.M.(12-26)
BIG SPRING- RADIO: Stn gds 3117.5 kcs 2300 to 0700. (2-27)
BROWNSVILLE-RADIO: Commun stn guards 3117.5 kcs during hrs 2400 to 0800 (2-23)
BRUCE FLD (BALLINGER)-Holes in fld-use rnwys only. (3-17)
CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)
CHILDRESS-RADIO: Ctn - VHF rng unmonitored. (4-10)
CLEBURNE NORTHWEST ARPT-250' twr rdo stn KCLE being erected 1.5 mi NNE (28°) true. (2-3)
CLEVELAND-RADIO: Ctn - VHF rng unmonitored. (4-23)
CLIFF MAUS FLD (CORPUS CHRISTI)-Use rnwys only during wet weather. (5-13)
COMMERCIAL ARPT (EDINBURG)-Two 250' twrs being erected 2 mi W (273°) true. Rdo Stn KCBD erecting three 315' twrs 2.5 mi SE (123°) true. (3-24)
CORPUS CHRISTI-RADIO: Commun stn guards 3117.5 kcs between hrs 2300 to 0700. (2-25)
CUDDIHY FLD (CORPUS CHRISTI)-RADIO: Municipal twr comm. Operates 1230 to 2130, daily except Weds. Lgt gun oper only. (5-23) FLD: Traffic left 600' Bndry,obst,rnwy lgts and tetrahedron avail. sunset to 2300 only. (4-14)
CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings to be made within orange cone bndrys. (3-12)
DALLAS-RADIO: About June 4 W course to be realigned to 67°. (5-23) These data rcvd too late for (0) symbol.
DALLAS-Extensive night flying by small aircraft up to 1000 ft in vicinity of Hudson Arpt. (approx 8 mi NE Love Arpt). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.
**DECKER RANCH ARPT (CANDELARIA)-Lat 30-18-15, long 104-38-15. See page 106 and 120.
DENTON ARPT-Use N/S rnwy only. (2-21)
DIMMIT COUNTY ARPT (CARRIZO SPRINGS)-Use in emerg only. Const. (2-24)
DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)
DUNCANVILLE-RADIO: H fac ident will be changed approx June 6 to "U".(5-23) These data rcvd too late for (0) symbol.
EAST SIDE ARPT (LONGVIEW)-320' rdo twr being erected 3 mi SSW (196) true. (2-25)
ECTOR CO; ARPT (ODESSA)-S end NNW/SSE, and ENE/WSW strips unusable-const. (5-10)
EGYPT: BCN SITE 13, ZN-HU-Temp inop. (5-12)
ELDORADO ARPT-E/W strip soft in wet weather. (3-17)
ELLINGTON FLD (HOUSTON)-Closed to VHB acft except in emerg. (4-14)
★EL PASO-RADIO: May 13, N and SE courses realigned to 177° and 330°. "A" and "N" quadrants reversed. Flight checked, courses correctly aligned. (5-19)
EL PASO MUN ARPT-ED ANDERSON FLD-RADIO: Inner and outer mrkrs of CAA ILS flight checked-oper normal. (5-20)
ENGLISH FLD (AMARILLO)-RADIO: CAA twr equipped to transmit on and guard 121.8 mcs for mobile ground traffic. (4-18) FLD: Use rnwys, taxi strips only. (3-1)
ENGLISH FLD (AMARILLO)-175' tank being erected 6 mi WSW (255° true). 250' derrick being used during const, lgtd. (4-5)
FAIRCHILDS, BCN SITE 16, ZN-HU-Temp inop. (5-12)
FLORESVILLE, BCN SITE 2, ZN-HU-Temp inop. (5-12)
FORNEY-RADIO: FM on E course of Dallas Range inop. (5-23)
FORT WORTH AAF-E/W rnwy, Rnwy 17R-35L closed. 40' trees immediate end Rnwy 35L. (3-27)
FORT WORTH SEAPLANE BASE-Proximity to AAF calls for the use of discretion in circling the Seaplane Base. Traffic patterns are all away from the AAF. Ramps and beaching dollies under const. (1-8)
GARWOOD, BCN SITE 11, ZN-HU-Temp inop. (5-12)
GASKIN FLD (SHERMAN)-Cattle on rnwys-emerg landings only. (3-24)
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (3-17)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (4-8)
GRAUWYLER PARK-RADIO: About June 5, ident of H fac will be changed to "G" (5-23). These data rcvd too late for (0) flag.
GUTHRIE-RADIO: Ctn - VHF range unmonitored. (4-10)
HALLETTSVILLE, BCN SITE 8, ZN-HU-Temp inop. (5-12)
HASLET-RADIO: About June 5, ident of H fac will be changed to "T". (5-23). These data rcvd too late for (0) flag.
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. Const on rnwys. (4-1)
HICKS FLD (FT. WORTH)-Use strips only-parked acft. (1-2)
HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-26)
HITCHCOCK NAF-LTA-RADIO: 6390 kc transmitter and rcvr temp inop. (3-12)
HOUSTON ARPT-Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip. on fl d. (4-22)
JOAQUIN-RADIO: Ctn - VHF range unmonitored. (4-10)
JUNCTION-RADIO: VHF range will be comm soon at lat 30-38-00, long. 99-58-43. Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°,308°; aural courses: 38°, 218°. (5-23)
KELLY FLD (SAN ANTONIO)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Acft on fld.Use rnwys only. 190' lgtd twr const W of Rnwy 14-32.150' water twr under const 1-1/2 mi SE, not lgtd. (4-16)
KENDLETON, BCN SITE 14, ZN-HU-Temp inop. (5-12)
**KERRVILLE ARPT-Formerly carried Louis Schreiner Arpt. Correct location: lat 29-58-45, long. 99-05-00. See page 124.
**KEUHLER ARPT (NEW BRUNFELS)-ABANDONED. See page 110.
LAMESA ARPT-280' rdo twr being erected approx 3.5 mi SE (130° true). (3-17)
LAREDO-RADIO: About June 5, all commun and rdo rcvg facs will be shut down for approx 48 hrs for relctn of control quarters. (5-20). Stn lctn mrkr oper erratic. (4-16)
LAREDO ARPT-Flight opers from old terminal S end fld discont. Fence const across taxi way leading to bldg. Fence lctd approx 600' E of W end Rnwy 35R and in direct line with regular fence at S end fld. This section no longer included in arpt area. All operations being conducted from new Terminal W side fld. (4-8)

LONE OAK, BCN SITE 5, DL-LV-Temp discont. (9-18)
**LOVE FLD (DALLAS)-Correct Lat 32-51-07, Long. 96-50-45. (8-28) See pages 108 & 110. Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr ceilometer projector 1000' N of twr. Acft must be equipped with rdo tuned to twr freq. (4-2) 520' rdo twr under const 8.7 mi SE (120° true). (1-30)
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
MARSHALL ARPT-304' twr being erected 3 mi NW (317° true), lgtd.(2-11)
MEACHAM FLD (FT. WORTH)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-7) FLD: In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115° true), temp lgtd. Grain elevator 967' MSL, 9100' N of N end N/S rnwy on extended centerline directly on lclzr course. 1000' extension being const S end N/S rnwy. Equip. in const area. Discontinuance of approach lgt lane on N end N/S rnwy postponed. 285' twr rdo stn KCNC being erected 5 mi SE (135° true). (3-24)
MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lgts. (3-17)
★NEWMAN-RADIO: May 19, MHW fac comm at lat 31-57-11, long. 106-16-25, approx 11 mi from El Paso rng. Flgt-checked, oper normal.
NIXON, BCN SITE 4, ZN-HU-Temp inop. (5-12)
ORANGE ARPT-Use NW/SE, E/W strips only. Fld flooded after rains. (3-17)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (3-17)
**PAMPA MUN ARPT-Bcn, bndry, range, obst lgts avail. See page 84
PERRIN FLD (SHERMAN)-Rnwy 3-21 closed. Acft parked S edge fld.
PILGRIM, BCN SITE 5, ZN-HU-Temp inop. (5-12)
POUNDS FLD (TYLER)-Use rnwys only, bal fld rough and unsafe. (2-21)
PYOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. (12-27)
RAYMONDVILLE INT, SITE 5, JI-FV-Rough. (3-3)
RIO GRANDE VALLEY INTERNATIONAL ARPT (BROWNSVILLE)-Rnwy 4-22 closed. Use rnwys, taxi strips only. Civil. acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 80' antenna poles 3 mi N inop. 180' rdo twr being erected 3 mi SSE (158° true). (5-5)
ROBERT MUELLER ARPT (AUSTIN)-RADIO: About June 15, CAA ILS will be comm serving NW/SE rnwy with approach from SE. Voice equipped lclzr will oper on 109.5 mcs, ident. "AUS", transmitter will be lctd 900' NW of NW end of NW/SE rnwy on rnwy centerline extended. Glide path will oper on 332.6 mcs., transmitter lctd 400' NE of rnwy centerline and 750' NW of the SE end of the NW/SE rnwy. Middle mrkr will be lctd 3636' SE of the SE end of the NW/SE rnwy and 50' SW of the rnwy centerline extended, keying alternate dots and dashes; outer mrkr will be lctd 6.12 mi SE of the SE end of the NW/SE rnwy on the rnwy centerline extended, keying two dashes per sec. FLD: Acft landing or taking-off on Rnwy 34R use right traffic pattern. Acft landing or taking-off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (5-2)
ROCKPORT ARPT-Closed except in emerg. Fire and crash equip. removed. (3-17)
RUSK CO. ARPT (HENDERSON)-Use rnwys and taxi strips only. (1-30)
**ST. EDWARDS ARPT (AUSTIN)-ABANDONED.
SALTILLO, BCN SITE 9, DL-LV-Temp discont. (9-18)
SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Stn and adhere to instructions issued by San Antonio A.T.C. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Tower.
SAN ANTONIO ARPT-ALAMO FLD-RADIO: About June 5, ident of the outer compass lctr will be changed to "J". (5-23) These data rcvd too late for ⓪ symbol. FLD: Acft ariving after dark rqrd to have two-way rdo. (2-27)
SAN BENITO INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)
★SAN MARCOS AAF-RADIO: Army twr operated 0600 to 1800 Mon thru Fri or on special req other times. Army range operated cont with voice facs 0600 to 1600 Mon thru Fri or on special req. No scheduled. bdcast. (5-5) FLD: Ctn- helicopter and liaison pilot training. (10-15)
**SCHNEIDER FLD (SEGUIN)-ABANDONED. See page 110
SHEPPARD/KELL MUN ARPT (WICHITA FALLS)-Unlgtd N/S rnwy on W side fld rstd to acft of 450 H.P. or less. Left traffic on all rnwys, entering at 45° downwind leg at 800'. (5-20)
SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Ltd transportation, no housing, messing facs. (3-21)
STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 600' aboveterrain1167' MSL. Fld and lighting facs in oper until 2230. Rnwy lgts on demand after 2230. Acft entering Stinson Fld control zone after dark shall be equipped with 2-way rdo. (5-11)
T.C.U. ARPT (FT. WORTH)-Use E/W strip in wet weather. (2-21)
**TEMPLE ARPT-338' rdo twr 6.5 mi WSW (257° true) at lat 31-05-58, long. 97-27-58. (4-29)
TERRELL, BCN SITE 6, FV-AG-Temp discont. (9-18)
TEXARKANA-Demolition operations are being conducted approx 15 mi WSW Texarkana Arpt, 0800-1615 daily except Sat and Sun. All acft cautioned to fly above 1500' over this area.
TEXARKANA ARPT-400' unlgtd twr Rdo Stn KCMC being erected 4.5 mi WSW (250° true). (4-22)
VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only.(12-30)
VIENNA, BCN SITE 10, ZN-HU-Temp inop. (5-12)
WHITE FLD (BRADY)-CLOSED. (8-7)
WINK ARPT -Rnwy lgts inop. (4-26)
WOLFE CITY ARPT-Use in emerg only. (2-25)

**BEAVER ARPT-Correct location lat 38-14-00, long 112-40-30.
BRYCE CANYON-RADIO: About June 1, guard will be comm on 122.1 mcs and discont on 131.7 mcs. (5-16)
DELTA ARPT-Trans acft use rnwys, taxi strips only. (4-8)
ENTERPRISE INT, SITE 39, LA-SL-Closed to lgt acft-rough. (5-5)
HANKSVILLE INT, SITE 54, LA-DV-35' unlgtd pole line 600' S of E portion E/W rnwy. (5-10)
HURRICANE ARPT-Soft when wet. (4-3)
**LOGAN-CACHE CO. ARPT (LOGAN)-Lgts prior req. See page 24.
MILFORD ARPT, SITE 45, LA-SL-Unlgtd bldgs SE corner fld S of and adj to bcn twr. Trench across taxiway, mrkd. Bndry lgts N and W sides fld disconnected and bndry mrkrs are being removed for rnwy extensions. Dirt areas soft. (3-22)
PROVO ARPT-NNE/SSW, NW/SE rnwys avail. all acft days. ENE/WSW rnwy closed. Equip. on ends of rnwys intermittently. (5-12)
ROBERT H. HINCKLEY FLD (OGDEN)-NE/SW rnwy lgts inop. N/S rnwy lgts oper cont during hrs of darkness when twr inop. Equip. E side fld days. (5-21)
SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. Closed to ngt opers. (4-20)
SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor. sys which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3)
SALT LAKE CITY ARPT NO. 1-Prevailing wind rnwy lgts operating ngts. Use rnwys, taxiways only-shoulders soft. Right traffic when winds are from S, SE, or E. (4-20)
WENDOVER-Ground firing up to 45,000 MSL is being conducted approx 60 mi E, in the Low Flight Strip area, from 0800 to 1800. See chart 23.

May 27, 1947

[redacted]

WENDOVER FLD-Obst lgts on mtns N and W of fld inop. (4-7)

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BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)
BURLINGTON ARPT-Use rnwys only. Parked acft N side E/W taxi strip.(4-3)
LEMINGTON-COLEBROOK ARPT-Avail. emerg landings only. (5-13)
**UNDERHILL-Firing range estab. approx 3 mi SSE (13 mi E of Burlington) within the following described area: begin. at lat. 44-30-15, long 72-51-30, SE to lat 44-27-00, long. 72-50-00; W to lat. 44-27-30, long 72-53-15; WNW to lat. 44-28-30, long. 72-56-50; N to lat. 44-30-00, long. 72-56-30; E to point of beginning.

[redacted]

ALBERTA ARPT-ENE/WSW, NNW/SSE strips rough. Ends and sides mrkd by 12' yellow mrkrs. (5-21)
ALEXANDRIA ARPT-NW/SE rnwy lgtd until 1700 every ngt for 1000'. Approx 1500' of AGA reflectors extending beyond the lgts. (2-21)
ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (2-4)
BLACKSTONE ARPT-Tetrahedron oper erratic and lgts inop. 5" rise of concrete at seams 24' wide on SE side NE/SW rnwy and 450' NE of intersection NE/SW, NW/SE rnwys, mrkd days only. (5-23)
BYRD FLD (RICHMOND)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-3) About May 30, CAA ILS bndry mrkr will be decommissioned. (5-23) These data rcvd too late for flag. FLD: Ltd Army svcg facs. Avoid using 1000' rnwy extensions. Rnwy, taxiway shoulders soft. Acft landing this fld without establishing rdo commun with twr watch carefully for lgt gun signals-twr lctd in Center of triangle of rnwys. (2-18)
CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)
CHINCOTEAGUE NAAS-Closed 1700 to 0800 except on req with 2 hrs notice. Bcn operates all ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. IFR flight plans accepted only 0800 to 1630 Mon thru Fri except on holidays and on 2 hrs notice. Fld lighting sys under repair unreliable. Use rnwys, taxi strips only-soft shoulders and trenches along sides of rnwys and taxi strips. Equip. on fld. Pilotless rdo-controlled acft operating days Mon thru Fri. Other acft in vcnty proceed with ctn. (2-28)
**CUMBERLAND ARPT (PORTSMOUTH)-Correct lat 36-42-15, long 76-19-45. (11-6) See page 140.
DAHLGREN NAF PROVING GROUNDS-CLOSED TO ALL (INCLUDING TRANS MIL) ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Except in emerg or on req (with two hrs notice) fld open only 0730 to 1615 Mon thru Fri inclusive. Off. flights must be cleared thru one of the following: NAS Anacostia, D.C.; NAS Patuxent River, Md.; NAS Norfolk, Va.; NAS Quonset Point, R.I.; Cape May CGAS, N.J. Inyokern NAF, Calif.; NAF Torpedo Stn, Newport, R.I.; Naval Acft Factory Philadelphia, Pa.; Cherry Point MCAS, N.C.; Quantico MCAS, Va.; AAF Proving Gnds, Eglin Fld, Valparaiso, Fla.; Langley Fld, Va.; Wright Fld, Dayton,Ohio; Aberdeen Proving Gnd, Aberdeen, Md.; Lakehurst NAS, N.J. (3-10)
DANVILLE-RADIO: CAA Commun. Stn. will be recomm soon. (4-9)
DANVILLE ARPT-Use rnwys, taxi strips only, bal fld soft, rough. Only Rnwy 2-20 lgtd ngts. Tetrahedron free swinging. (1-11)
EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-28)
FENTRESS NAAS-Use in emerg only (caretaker status- no facs). (2-19)
HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (3-31)
HOPEWELL ARPT-NE/SW and NW/SE strips under const. (3-21)
LANGLEY FLD-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) N course of Army range swinging 5° W, bear. 167°. (1-15) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. (1-14)
LOVING FLD, SITE. 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (4-4)

VIRGINIA

MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status-no facs).(2-19)
MT. VERNON-See Special Notice under District of Columbia.
NORFOLK-RADIO: VHF rng on 108.7 mcs. shut down for an indefinite period. (5-8)
NORFOLK NAS-EAST FLD-Pilots on S-bound coastal flights inbound IFR between 0700-2400 to NAS Norfolk shall establish rdo ctc with Navy Chincoteague Rdo for further clearance instructions from ATC Norfolk. Pilots on N-bound coastal flights inbound IFR between 0700-1900 to NAS Norfolk shall establish ctc with Navy Weeksville Rdo for further clearance instructions from ATC Norfolk. Pilots on either S-bound of N-bound coastal flights inbound IFR to NAS Norfolk at other than the above stated hrs ctc Norfolk Rdo or Navy Norfolk Twr earliest possible for further clearance instructions. (3-18)
OCEANA NAAS-Facs avail. 0800 to 1630 Mon thru Fri. Acft clearances not accepted at other than designated hrs. Emerg acft clearances accepted any time prior notification. (4-8)
ORANGE CO. ARPT-Strips muddy in wet weather. (4-4)
PENINSULA ARPT (HAMPTON)-Right traffic whenever wind conditions require take-offs and landing toward SW (Newport News). Left hand pattern when wind conditions require take-off and landing to NE (Hampton). Traffic direction and pattern indicated by T on roof of hangar. (5-19)
PRESTON GLENN ARPT (LYNCHBURG)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-8) FLD: Use only rnwys during and after wet weather. Two poles 4200' E of E/W rnwy. (2-7)
QUANTICO MCAS-Closed sunset to sunrise except in emerg. (5-6)
RICHMOND-Elko Aux. Fld, 5 mi E of Byrd Fld, is similar is design and lay-out to Byrd Fld, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse the two flds.
ROANOKE-RADIO: Following adjustments, courses may have shifted.
SHENANDOAH ARPT-N/S strip under const. Grading equip. on fld. Soft in wet weather. NE/SW strip mrkd by cone mrkrs. (3-15)
UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (3-17)
**VIRGINIA BEACH ARPT-Correct lat 36-50-00, long 76-05-30. (11-4) See page 140
WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Radio or circle fld before landing. (3-7)
WOODRUM FLD (ROANOKE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-10) FLD: Ext. local traffic days. Acft landing without establishing rdo commun with twr must conform to local traffic patterns. Observe twr at all times for lgt gun signals especially on base leg and final approach. Clear rnwy immediately after landing. Mil acft utilizing VHF freq should listen for control twr instructions or observe lgt signals from twr in response to their transmissions. All acft departing should determine proper rnwy and taxi route from twr or operations prior to taxiing. (2-26)

WASHINGTON

SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart # 3, Spokane Sectional, and Washington 5 Danger Area Charts).
ARLINGTON AERONAUTICAL SCHOOL ARPT-Unmrkd cable span being erected 11 mi E (78° true). Cable will run N/S between lat 48-13, long. 121-55, on Wheeler Mtn. and lat 48-11-30, long. 121-55-00 on Blue Mtn. Cable anchorage levels at approx 2800' on both Mtns and will be approx 1000' above valley floor. Vertical-down-haul will be attached at mid-span terminating at the ground in Jim Creek Valley. Bcn inop. (4-25)
BARRY'S SKYHARBOR ARPT (TACOMA)-Right traffic,W take-offs and landings. (3-17)

WASHINGTON

BELLEVUE AIRFLD (SEATTLE)-Right traffic when landing to S. (3-19)
BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt. (2-3)
BOEING FLD (SEATTLE)-Daylgt CFR opers-lgt acft use mrkd dirt landing strip E side fld adj to main rnwy. Traffic patterns made to E at 1000'. Right traffic when taking off to NE. Flash. amber lgt on twr indicates right pattern in relation to dirt landing strip. All turns, taxiing off or back on dirt area made toward twr. Acft using dirt strip avoid flying over main rnwy or approaches. Watch for air and ground traffic. Lgt gun signals for take-offs and final approaches only. Heavy acft use rnwys, taxi strips. Equip. on fld. All unscheduled acft landing at Boeing Fld must register with County Fld Office, except those who have made ade other arrangements with fld management. Equip. S of Admin Bldg loading ramp, avoid flagged area. Holes E side main taxiway, N and S of Admin Bldg. (4-4)
BUENA ARPT-Right traffic E take-offs and landings. (3-17)
CLE ELUM ARPT-Right traffic E take-offs and landings. (3-17)
COUNTY-CITY ARPT (PORT TOWNSEND)-Right traffic E take-offs and landings. (3-17)
COUPEVILLE OLF-Closed except in emerg.
EASTON-RADIO: Reactivation of commun stn indefinitely postponed.(5-5)
FELTS FLD (SPOKANE)-Lgt non-rdo equipped acft use mrkd graded area S of main rnwy. Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy mrkd. Equip on fld. (4-22)
KENMORE ARPT (BOTHELL)-Avail. emerg use only-cattle. (9-10)
KITSAP CO. ARPT (BREMERTON)-Lgts inop. (5-12)
L & D SEAPLANE ANCHORAGE (PROSSER)-Ramp washed away. Possible to moor plane to existing boat float. Circle arpt lctd 1 mi N for gas truck or fone Prosser 91114. (5-20)
LONGVIEW SKYHARBOR SEAPLANE ANCHORAGE-Right traffic S take-offs and landings. (3-17)
MARTIN FLD (COLLEGE PLACE)-Const, equip. on strips. Strip 2500' X 150' S side of fld flagged for landing. Taxi strip adj. Center of fld rough and unsafe for landing. (4-29)
**MASON CO. ARPT (SHELTON)-Formerly Shelton NAAS. See page 1
McCHORD FLD (TACOMA)-RADIO Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army ILS (CAA type) temp inop. Middle mrkr to be relctd and present equip will be modified. (3-13) FLD: Use rnwys, taxiways only. Equip. on fld. (12-11)
**MERCER AIRFLD (SEATTLE)-Name changed to Bellevue Airfld (5-7) See page 142.
MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. Bcn inop. (3-20)
NELSON RIDGE, SITE 6, SA-HL-About June 5, bcn will be dismantled and relctd to lat 47-11-30, long. 121-01-42, 1- 1/2 mi SE of present lctn. After relctn bcn will be recomm with no change in char. (5-13)
OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn local and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl and turned off upon arvl and landing of acft. (12-7)
PAINE FLD (EVERETT)-Ngt lighting immediately avail. to rdo equipped acft by contacting Everett Rdo. Closed to all other acft between sunset and sunrise except by arrangement with arpt manager or CAA Commun Stn. (2-5)
PASCO-See Special Notice (first item under state heading).
PASCO NAS-Use in emerg only (caretaker status- no facs.)
PIERSON ARPK (VANCOUVER)-Const. Use North E/W strip only. (3-17)
PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only.(11-26)
PUYALLUP ARPT-Right traffic N take-offs and landings.(3-17)
S & S AIRSTRIP (PUYALLUP)-Right traffic S take-offs and landings. (3-17)
SAVAGE FLD (CHENEY)-Moderate soil erosion intmtly. (9-14)

WASHINGTON

SEATTLE NAS-Single-engine acft approach stn from Kirkland at 1000' alts. Seaplane landing approach over Lake Washington from N or S under 200'. Rnwy 14-32 lgtd 30 minutes prior to arvls and take-offs and on req from sunset to sunrise. Tetrahedron lgtd sunset to sunrise. Three lgtd 30' poles 150' E of Rnwy 14-32 near GCA unit. (1-29)
★SEATTLE-TACOMA ARPT-RADIO: CAA ILS oper cont. Middle compass lctr at middle mrkr site and outer compass lctr at outer mrkr site comm May 20. See page 142. Lclzr lctd at lat 47-27-18, long. 122-18-18. Glide path transmitter lctd at lat 47-26-18, long 122-18-24. Middle and outer mrkrs of ILS unmonitored. FLD: Equip. on fld days. (5-22)
SKY RANCH ARPT (COLLEGE PLACE)-Equip. N end fld days. Use only grass strip S side fld. (5-6)
SPOKANE-RADIO: Rng flgt-checked May 22, courses correctly aligned.
★SPOKANE AAF-RADIO: Army air/gnd stn CW call sign has been changed to WXHE. (5-14)
SPRAGUE ARPT-Entire fld rocky-dangerous. Emerg use only. (5-20)
SUNNYSIDE ARPT-Right traffic, S take-offs and landings. (3-17)
TONASKET ARPT-Right traffic S or SW take-offs and landings. (3-17)
★TOLEDO-RADIO: Adtnl VHF voice avail. on 111.1 mcs. Stn now gds 3105,4495, 6210,3117.5 kcs, 116.1,122.1 mcs. (5-22) These data rcvd too late for data page and chart.
WALLA WALLA AAF-No opers office. Equip. on fld days Mon thru Fri. (3-24)
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
WHIDBEY ISLAND NAS-AULT FLD-Bcn operates during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. (4-3)
WILBUR ARPT-Taxiway const W side of strip. (4-25)

WEST VIRGINIA

ELKINS -RADIO: Rng flgt-checked May 24, courses correctly aligned.
ELKINS ARPT-Ctc Elkins Rdo or circle fld before landing. (3-14)
LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (4-10)
SCOTT FLD (BECKLEY)-Use right traffic on N course. (4-7)
WHEELING-RADIO: Ctn- VHF rng unmonitored. (4-9)

WISCONSIN

ANTIGO ARPT-Use with ctn during thawing weather. (3-11)
**ARROWHEAD ARPT (RICE LAKE)-Correct lat 45-28-45, long. 91-43-00. (10-18) See page 13.
CLINTONVILLE ARPT-Six sod strips avail. (4-22)
CHAPLIN'S ARPK (PLYMOUTH)-Only E/W strip avail. (3-12)
CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (4-22)
**EAST SIDE ARPT (GREEN BAY)-ABANDONED. (5-15)
EAU CLAIRE MUN. ARPT-Ctn, equip. on rnwys and fld area. (4-23)
GEN. MITCHELL FLD (MILWAUKEE)-Equip. on fld days. Right turn procedure rstd to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi. Obst lgt atop 95' chimney SW corner fld inop. Rdo rcvr req for all lcly based acft. E/W rnwy closed until approx June 28- avail. taxiing only. (5-13)
GINNOW ARPT (OMRO)-Use strips only. (4-1)
★KENOSHA-RADIO: Coordinates for FM on S course of Milwaukee rng: lat 42-33-21, long. 87-53-16. (5-16)
LA CROSSE ARPT-Use rnwys only. (3-24)
MARSHFIELD ARPT-Temp 125' rdo twrs with ngt lgts erected 8 mi ESE (105° true). (3-24)
MERRILL ARPT-Closed to heavy acft, soft. Lgt planes use at own risk. Use rnwys only. (3-23)

May 27, 1947

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MOREY ARPT (MADISON)-Use strips only. (1-8)
OCONTO FALLS ARPT-Use strips only. (3-26)
RICHLAND CENTER ARPT-Equip. on fld. (5-5)
SHAWANO ARPT-Soft- land at own risk. (3-13)
SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (4-7)
STEVENS POINT ARPT-Use rnwys only. (1-20)
TOMAH ARPT-N/S strip under const. (2-24)
TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Flood lgts and svcg not avail. 2230 until 0700 daily with the exception of Thurs when flood lgts and svcg not avail. after sunset. (4-8)
**WAUPUN ARPT-ABANDONED. (5-15)
WAUPUN ARPT, new- New arpt under const 2 mi WSW Waupun. Closed to trans acft. (3-15)
WINNEBAGO CO ARPT (OSHKOSH)-Use rnwys only. All traffic left hand, 600' except E and NE which is right traffic 600'. (4-7)

WYOMING

ARCHER-RADIO: FM on E course of Cheyenne range will be decomm about May 29.
CHEYENNE ARPT-RADIO: About May 29, CAA ILS will be comm. Voice equipped lclzr on 110.3 mcs. Ident. "CX". Lctd 457' W of the W end of the E/W rnwy. Mag. heading for landing: 262°. Glide path on 335 mcs, lctd 982' W of approach end and 400' S of centerline of E/W rnwy. Middle mrkr lctd 3461' E from approach end E/W rnwy, keyed alternate dots and dashes. Outer mrkr 32,274' E from approach end of E/W rnwy, keyed 2 dashes. Middle compass lctr on 230 kcs. Ident "X". Outer compass lctr on 260 kcs. Ident "C". (5-23) FLD: Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (1-1)
★EGBERT-RADIO: FM on E course Cheyenne Range decomm May 8. Fac will be relctd to Hillsdale, Wyo. at lat 41-09-30, long. 104-31-30. (5-20)
**GENERAL BREES ARPT (LARAMIE)-Change name to Brees Fld (Laramie). See page 25.
JACKSON MUN. ARPT-Cattle on fld intmtly. (5-20)
RAWLINS ARPT-Equip. on rnwys. (4-17)
**RIVERTON-Name changed to Riverton Mun. Arpt (10-26)
**ROCK SPRINGS, NEW-Name changed to Rock Springs Mun Arpt (10-3)
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equip. on fld intermittently. Ctc Sheridan rdo for fld lgts. (2-6)
**SIGNAL MOUNTAIN ARPT (MORAN)-Lat 43-50-15, long 110-33-30. See page 24.
WARDWELL FLD (CASPER)-Use rnwys, taxi strips only, bal fld rough. 40' unlgtd pole erected at 30 million candle pwr ceilometer projector 1000' N of hangar (4-8)
WORLAND ARPT-Strips under const. Equip on strips days. Use with ctn. (5-21)

NEW AIRPORTS

(These facilities will be found on both the data page and chart)

FACILITY	LATITUDE	LONGITUDE	DATA PAGE
ALABAMA			
Moody (Oneonta)	33-57-45	86-27-00	90
Wood-Dearing (Russellville)	34-30-45	87-39-30	90
ARIZONA			
Mission (Tucson)	32-10-15	111-05-30	102
ARKANSAS			
Carlisle	34-46-15	91-44-30	88
COLORADO			
Kremmling	40-03-15	106-22-30	34
INDIANA			
Boonville	38-03-15	87-19-00	58
East Side (Elkhart)	41-41-00	85-55-15	46
Hi-Way (Decatur)	40-48-30	84-57-00	46
Kentfield (Kentland)	40-44-15	87-26-30	44-46
Mid-City (Michigan City)	41-40-30	86-53-30	44-46
Miller (Liberty Center)	40-42-30	85-16-00	46
Mishawaka	41-38-30	86-08-15	46
Rising Sun	38-57-30	84-51-30	58
Stewart (Danville)	39-46-00	86-29-30	44-46
Warsaw Mun.	41-17-00	85-50-00	46
IOWA			
Lenox	40-53-45	94-33-45	40
Tyler (Villisca)	40-55-30	94-58-00	40
KANSAS			
Atwood Mun.	39-50-00	101-02-30	36
Burdett Flying Club	38-11-15	99-32-00	36
Concordia Mun.	39-32-45	97-39-00	36
Downs Mun.	39-30-00	98-32-45	36
Ellsworth	38-45-00	98-13-45	36
Hoover (La Crosse)	38-32-00	99-17-45	36
Hoxie	39-21-30	100-26-15	36
Marysville	39-51-00	96-37-45	36
Nessco (Ness City)	38-26-15	99-52-30	36
Ness Flying Club (Ness City)	38-26-30	99-53-00	36
Oakley	39-07-15	100-51-30	36
Pickrel-Farmer Flying (Tribune)	38-27-30	101-46-00	34
Ritter (Junction City)	39-01-30	96-54-00	36
Sterling Air Service	38-11-45	98-12-30	36
Winter (Kanorado)	39-19-30	102-01-30	34
Woodston	39-26-00	99-06-00	36
KENTUCKY			
Agee Williams (Madisonville)	37-18-45	87-31-30	58
Codell (Darfolk)	37-16-45	83-12-30	60
Cumberland Valley (Lynch)	37-00-15	82-54-15	92
Davis-Norris (Glasgow)	36-59-00	85-56-15	90
Karsner (Monterey)	38-24-15	84-50-45	58
Kernek's (Nolin)	37-34-30	85-52-30	58
Marian (Hazel)	36-33-00	88-20-00	90
Milford	38-34-45	84-09-00	60
Pikerville (Coal Run)	37-30-15	82-32-30	60
Princeton (Cedar Bluff)	37-02-00	87-51-30	90
Sky (Manchester)	37-07-15	83-44-15	60
Standard (Elkton)	36-48-00	87-09-45	90
Streeval (Knifley)	37-09-15	85-11-45	58
West Point	38-00-15	85-55-30	58
MAINE			
Austin (Washington)	44-16-30	69-25-30	17

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(These facilities will be found on both the data page and chart)

FACILITY	LATITUDE	LONGITUDE	DATA PAGE
MAINE			
Community (Mapleton)	46-43-45	68-06-15	17
Dingley (Auburn)	44-07-15	70-16-00	17
Mars Hill	46-31-45	67-52-30	17
Moscone's (Mallawamkeag)	45-34-00	68-23-45	17
Robbins (Hudson)	44-58-45	68-55-15	17
MARYLAND			
Diffendahl (Baltimore)	39-15-45	76-26-00	66
Dixie (Annapolis)	38-59-15	76-41-30	66
Gill (Chestertown)	39-13-45	76-04-00	66
Lovett (Elkton)	39-39-00	75-48-00	66
MICHIGAN			
Anchor Bay (New Baltimore)	42-41-30	82-44-00	32
Armada	42-53-15	82-51-30	32
Bad Axe	43-47-15	83-00-30	32
Baraga (Pelkie)	46-47-00	88-34-30	16
Big Bear (Topaz)	46-32-30	89-27-30	16
Branch Co. (Coldwater)	41-56-00	85-03-15	46
Chesaning	43-11-00	84-08-00	32
City of Fremont (Fremont)	43-26-30	85-59-30	32
Custer (Monroe)	41-56-00	83-26-15	46
Daltons (Flushing)	43-03-30	83-48-45	32
Hally	42-48-15	83-38-30	32
Iosaco Co. (East Tawas)	44-17-45	83-29-30	32
Kanapee (New Hudson)	42-30-15	83-37-15	32
Lost Creek Sky Ranch (Red Oak)	44-39-45	84-14-45	16
Lowell	42-57-00	85-20-45	32
McKay (Plainwell)	42-26-30	85-40-30	32
Morgan's (Albion)	42-15-00	84-43-00	32
Tawas City	44-16-00	83-32-45	32
Wesler (Gobles)	42-21-00	85-53-15	32
MINNESOTA			
Pine Beach (Brainerd)	46-23-00	94-22-15	13
MISSOURI			
Buffalo	37-39-30	93-06-30	88
Cabool	37-06-45	92-06-45	88
Carrollton	39-18-00	93-30-00	40
Clover Hill (Exeter)	36-40-45	93-57-00	88
Dixon	37-59-45	92-07-30	88
Downing (Hayti)	36-14-15	89-48-45	88
Elden Model (Elden)	38-21-30	92-34-30	40
Excelsior Springs	39-20-45	94-15-00	40
Fredericktown	37-29-15	90-17-45	88
Gainesville	36-36-45	92-23-30	88
Harper (Joplin)	37-04-45	94-33-30	88
Owen (Seymour)	37-11-00	92-44-00	88
Sky Haven (Warrensburg)	38-47-00	93-48-15	40
Sky Lake (Tuscumbia)	38-11-45	92-35-45	40
Van Buren	37-01-30	90-58-00	88
Warsaw	38-14-45	93-25-15	40
Willow Springs	36-59-45	91-57-45	88
Zims (Warrenton)	38-48-30	91-08-15	40
MONTANA			
Bridger	45-17-30	108-55-30	8
NEBRASKA			
Trenton	40-11-15	101-01-30	36
NEW HAMPSHIRE			
Errol	44-47-15	71-09-30	17
NEW YORK			
Jewett (Jonesville)	42-54-00	73-48-45	54
SOUTH CAROLINA			
Brown (Lake City)	33-51-00	79-46-15	118
Conway	33-52-00	79-02-30	118
Gamble (Kingtree)	33-40-00	79-48-00	118
SOUTH DAKOTA			
Gettsburg	44-59-30	99-57-15	12
Harding Co. (Buffalo)	45-35-00	103-32-00	9
Lake Poinsett (Arlington)	44-33-15	97-08-15	12
Lake Preston	44-22-15	97-21-30	12
Lemmon	45-54-30	102-07-00	9
McIntosh	45-55-30	101-19-30	9
Murdo	43-53-00	100-44-00	27
Oldham	44-13-00	97-17-30	12
Ribenberg (Selby)	45-28-30	100-01-45	9
Universal (Bison)	45-32-00	102-27-30	9
Wall	43-59-30	102-14-45	27
Webster	45-17-30	97-30-30	12
TENNESSEE			
Greenfield	36-08-00	88-48-45	90
Thomas (Chattanooga)	35-04-00	85-16-00	90
TEXAS			
Goldthwaite	31-26-15	98-36-15	106
Graham	33-06-30	98-33-15	106
Hoffman (Mt. Pleasant)	33-07-30	94-58-45	108
Maker (Abilene)	32-26-45	99-47-00	106,120
Medina City (Medina)	29-48-30	99-16-00	124
Mulinax (Winnsboro)	32-56-30	95-16-30	108
Rosser-Ranch (Graham)	33-00-45	98-37-30	106
Wilson Ranch (Bakersfield)	30-52-30	102-06-15	106,120
VERMONT			
Champlain (Colchester)	44-32-45	73-16-45	17
Fairmont (East Montpelier)	44-15-45	72-28-45	17
Middlebury	43-59-15	73-07-45	54
Point Hill (St. Albans)	44-48-30	73-09-30	17
WASHINGTON			
Elma	46-59-00	123-23-45	4
Maneto (Spokane)	47-36-00	117-22-15	4
Marysville Bay Meadows (Marysville)	48-04-30	122-09-30	1
Mossyrock	46-32-00	122-30-00	1
Summit (Montesano)	46-59-00	123-39-30	1
WISCONSIN			
Spencer	44-45-00	90-18-30	13
Union (Iron River)	46-34-45	91-27-15	13
WYOMING			
Laramie	41-15-00	105-35-15	25
Lovell Mun.	44-49-45	108-22-30	8
Meeteetse Mun.	44-07-30	108-55-00	8
Shoshoni	43-14-30	108-07-30	25

May 27, 1947

INDEX TO FLIGHT PLANNING CHARTS

